

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076818.D
 Acq On : 27 Feb 2023 11:38
 Operator : JC\MD
 Sample : VN0227WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:50:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	240093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	441485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	409417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	195455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193627	58.404	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.800%			
35) Dibromofluoromethane	8.172	113	145896	50.462	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	10.571	98	567988	52.604	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.200%			
62) 4-Bromofluorobenzene	12.854	95	194210	54.307	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	47756	18.732	ug/l	99
3) Chloromethane	2.378	50	57422	17.264	ug/l	91
4) Vinyl Chloride	2.531	62	58828	17.971	ug/l	97
5) Bromomethane	2.960	94	39583	19.956	ug/l	100
6) Chloroethane	3.131	64	43818	21.180	ug/l	94
7) Trichlorofluoromethane	3.513	101	84764	19.031	ug/l	93
8) Diethyl Ether	3.966	74	35306	20.571	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	52196	19.944	ug/l	96
10) Methyl Iodide	4.601	142	62529	19.347	ug/l	98
11) Tert butyl alcohol	5.531	59	52330	119.581	ug/l	98
12) 1,1-Dichloroethene	4.360	96	45825	18.491	ug/l	96
13) Acrolein	4.190	56	64940	98.844	ug/l	99
14) Allyl chloride	5.031	41	83306	19.401	ug/l	95
15) Acrylonitrile	5.725	53	173951	112.005	ug/l	99
16) Acetone	4.437	43	153634	103.742	ug/l	89
17) Carbon Disulfide	4.725	76	106081	16.213	ug/l	96
18) Methyl Acetate	5.037	43	110677	22.896	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	181382	21.709	ug/l	98
20) Methylene Chloride	5.284	84	60705	19.559	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	50752	18.193	ug/l	95
22) Diisopropyl ether	6.678	45	228654	22.703	ug/l	96
23) Vinyl Acetate	6.613	43	703543	118.066	ug/l	97
24) 1,1-Dichloroethane	6.578	63	110062	19.940	ug/l	96
25) 2-Butanone	7.489	43	242316	110.927	ug/l	97
26) 2,2-Dichloropropane	7.501	77	81546	20.482	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	63603	19.223	ug/l	92
28) Bromochloromethane	7.819	49	59631	22.699	ug/l	89
29) Tetrahydrofuran	7.842	42	159008	111.411	ug/l	98
30) Chloroform	7.966	83	113736	20.623	ug/l	97
31) Cyclohexane	8.260	56	102568	19.722	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	91251	19.679	ug/l #	92
36) 1,1-Dichloropropene	8.378	75	79762	19.094	ug/l	98
37) Ethyl Acetate	7.572	43	95838	21.806	ug/l	98
38) Carbon Tetrachloride	8.372	117	77546	18.402	ug/l	93
39) Methylcyclohexane	9.601	83	91136	19.193	ug/l	99
40) Benzene	8.613	78	257438	20.068	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55325	21.729	ug/l	97
42) 1,2-Dichloroethane	8.672	62	95352	21.312	ug/l	99
43) Isopropyl Acetate	8.689	43	160276	22.411	ug/l	97
44) Trichloroethene	9.354	130	57933	19.111	ug/l	95
45) 1,2-Dichloropropane	9.624	63	70152	20.658	ug/l	90
46) Dibromomethane	9.713	93	45349	20.889	ug/l	97
47) Bromodichloromethane	9.889	83	90859	20.875	ug/l #	98
48) Methyl methacrylate	9.683	41	73396	21.627	ug/l	95
49) 1,4-Dioxane	9.689	88	25584	435.806	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	516108	113.422	ug/l	98
52) Toluene	10.630	92	162421	20.971	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	93481	22.251	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	99510	20.535	ug/l	93
55) 1,1,2-Trichloroethane	11.013	97	65802	20.894	ug/l	96
56) Ethyl methacrylate	10.871	69	97599	22.017	ug/l	94
57) 1,3-Dichloropropane	11.166	76	114073	21.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	189890	93.533	ug/l	98
59) 2-Hexanone	11.195	43	379902	115.790	ug/l	99
60) Dibromochloromethane	11.366	129	63640	19.173	ug/l	99
61) 1,2-Dibromoethane	11.471	107	62695	19.889	ug/l	98
64) Tetrachloroethene	11.101	164	46763	18.124	ug/l	92
65) Chlorobenzene	11.895	112	168111	19.375	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	60599	19.228	ug/l	98
67) Ethyl Benzene	11.966	91	293026	19.823	ug/l	98
68) m/p-Xylenes	12.071	106	228284	40.065	ug/l	94
69) o-Xylene	12.401	106	113322	20.393	ug/l	98
70) Styrene	12.413	104	185086	20.597	ug/l	99
71) Bromoform	12.583	173	44881	19.414	ug/l #	93
73) Isopropylbenzene	12.701	105	288733	20.154	ug/l	99
74) N-amyl acetate	12.495	43	134104	20.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.936	83	102411	19.749	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	86656m	21.930	ug/l	
77) Bromobenzene	12.983	156	67241	18.812	ug/l	94
78) n-propylbenzene	13.036	91	346112	20.574	ug/l	99
79) 2-Chlorotoluene	13.124	91	207714	20.166	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	247918	20.940	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	28518	21.020	ug/l	92
82) 4-Chlorotoluene	13.124	91	207714	20.166	ug/l	97
83) tert-Butylbenzene	13.442	119	221320	20.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	252066	21.362	ug/l	97
85) sec-Butylbenzene	13.618	105	311314	20.819	ug/l	99
86) p-Isopropyltoluene	13.730	119	252133	21.115	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	134726	19.940	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	129680	19.274	ug/l	98
89) n-Butylbenzene	14.060	91	210616	20.280	ug/l	97
90) Hexachloroethane	14.342	117	48010	19.202	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	136472	19.702	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	17721	17.639	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	62633	18.127	ug/l	98
94) Hexachlorobutadiene	15.506	225	29406	17.365	ug/l	96
95) Naphthalene	15.648	128	198974	18.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	61637	18.413	ug/l	96

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Supervised By :Mahesh Dadoda 02/28/2023

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

Abundance

TIC: VN076818.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1000000

950000

900000

850000

800000

750000

700000

650000

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

100000

50000

0

Dichlorodifluoromethane, T

Chloromethane, P

Vinyl Chloride, C

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Diethyl Ether, T

Acrolein, T

Acetone, T

Methyl iodide, T

Carbon Disulfide, T

Methylene Chloride, T

Tert butyl alcohol, T

Acrylonitrile, T

1,1-Dichloroethane, P

Vinyl Acetate, T

Disopropyl ether, T

Ethyl Acetate, T

2,2-Dichloropropane, T

Methacrylonitrile, T

Chloroform, C

Cyclohexane, T

1,1-Dichloroethane, T

1,2-Dichloroethane, T

1,2-Dichloropropane, T

1,2-Dichlorobenzene, T

1,4-Difluorobenzene, I

Trichloroethene, TM

Bromodichloromethane, T

Bromodichloroethane, T

Methylchloroethane, T

cis-1,3-Dichloropropene, T

2-Chloroethyl Vinyl ether, T

4-Methyl-2-Pentanone, T

Toluene, CM

1,3-Dichlorobenzene, T

1,1,2,2-Tetrachloroethane, T

1,1,2,2-Tetrachloroethane, T

1,2-Dichloroethane, T

1,2-Dibromobenzene, T

Chlorobenzene, PM

1,1,1,2-Tetrachloroethane, T

Chlorobenzene-d5, I

m,p-Xylenes, T

Isopropylbenzene, T

4-Bromofluorobenzene, S

1,3,5-Trimethylbenzene, T

1,2,4-Trimethylbenzene, T

sec-Butylbenzene, T

1,4-Dichlorobenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

Hexachloroethane, T

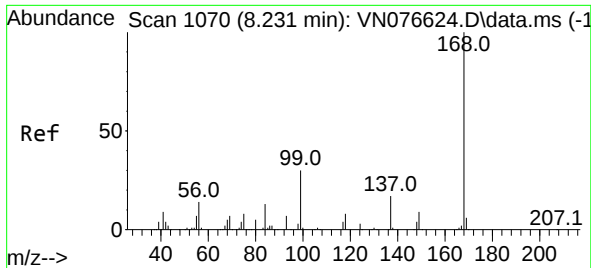
1,2-Dibromo-3-Chloropropane, T

1,2,4-Trichlorobenzene, T

Hexachlorobutadiene, T

Naphthalene, T

1,2,3-Trichlorobenzene, T



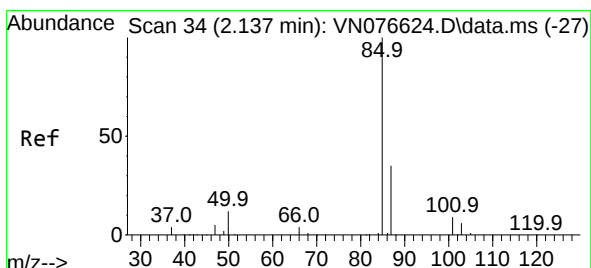
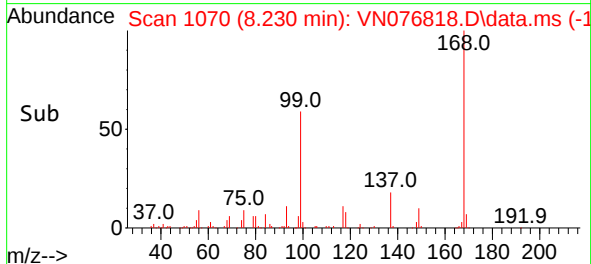
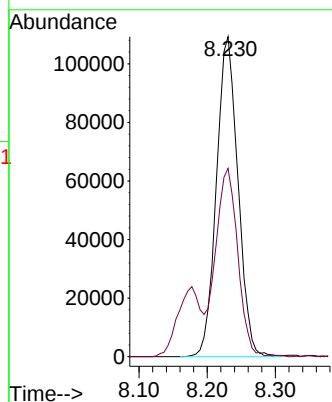
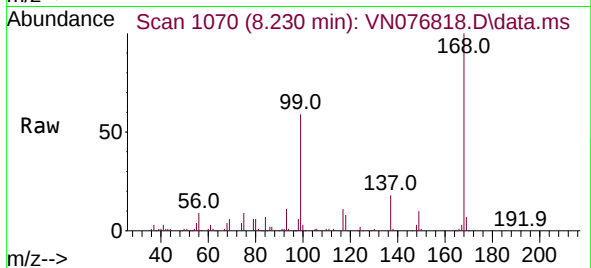
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076818.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:168 Resp: 24009
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2

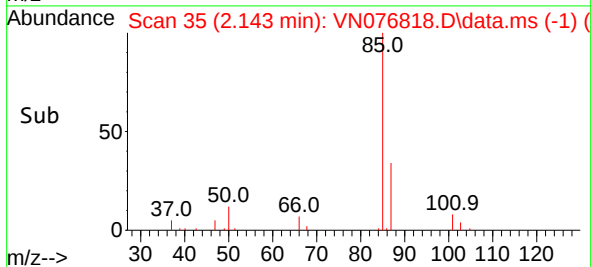
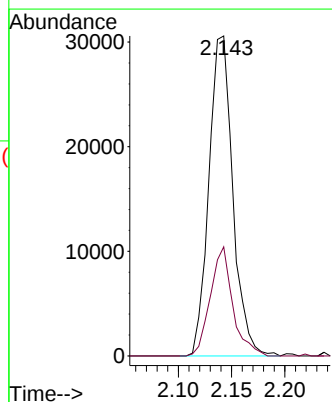
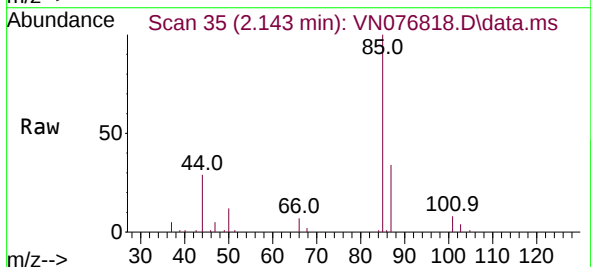
Manual Integrations
APPROVED

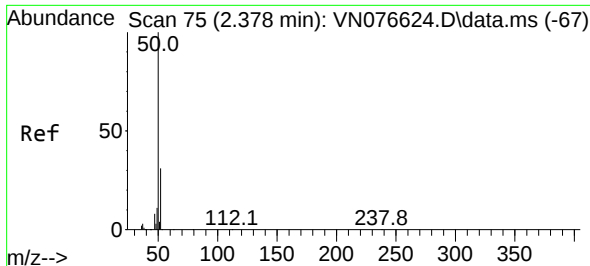
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 18.732 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

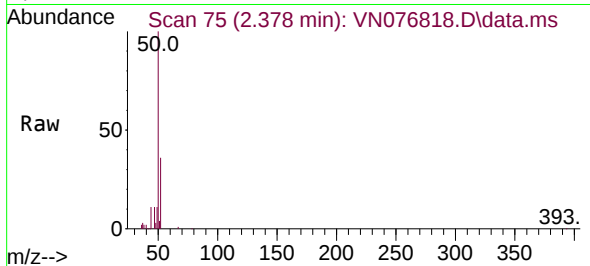
Tgt Ion: 85 Resp: 47756
Ion Ratio Lower Upper
85 100
87 34.1 17.4 52.2





#3
Chloromethane
Concen: 17.264 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

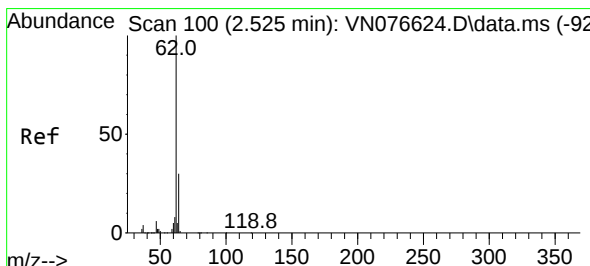
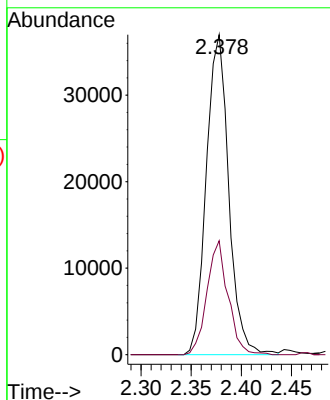
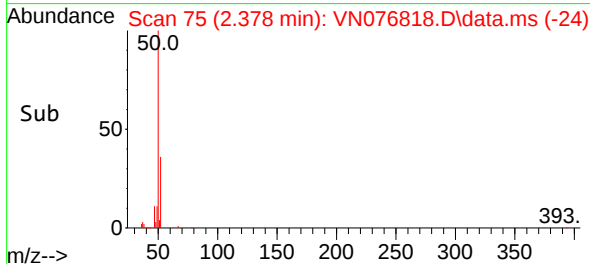
Instrument :
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ClientSampleId :
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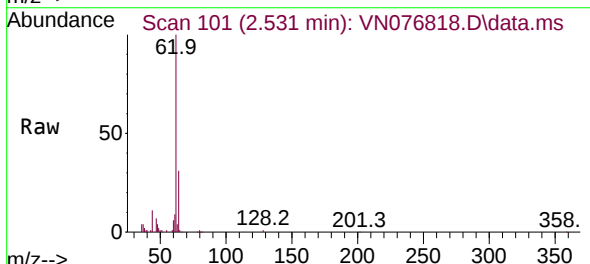
Tgt Ion: 50 Resp: 5742
Ion Ratio Lower Upper
50 100
52 35.6 24.7 37.1

Manual Integrations
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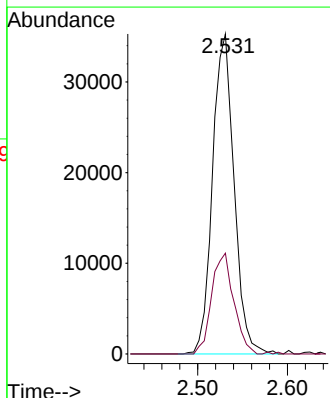
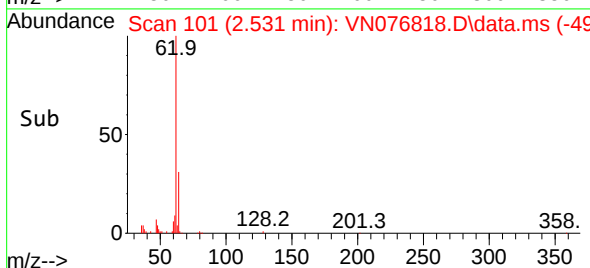
Reviewed By :John Carlone 02/28/2023
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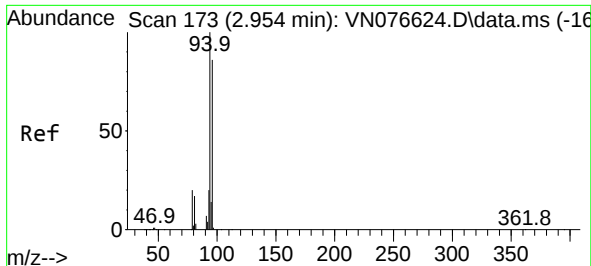


#4
Vinyl Chloride
Concen: 17.971 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion: 62 Resp: 58828
Ion Ratio Lower Upper
62 100
64 31.5 23.9 35.9





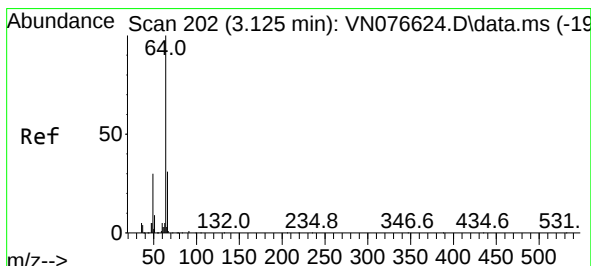
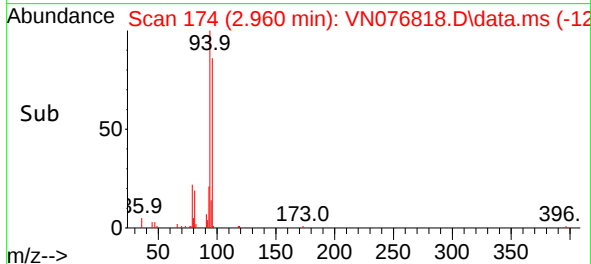
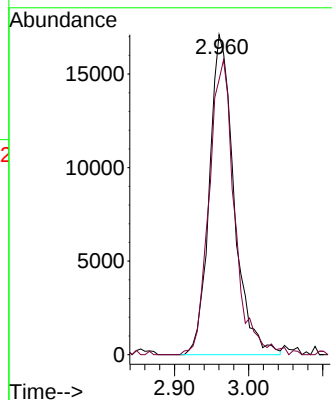
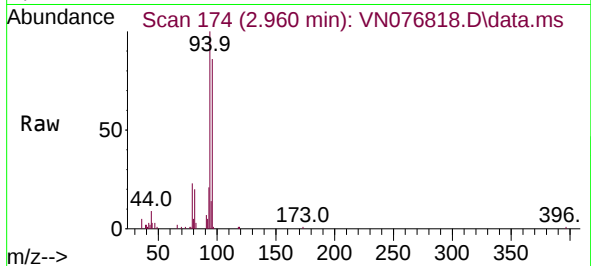
#5
Bromomethane
Concen: 19.956 ug/l
RT: 2.960 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 94 Resp: 3958
Ion Ratio Lower Upper
94 100
96 85.9 69.0 103.4

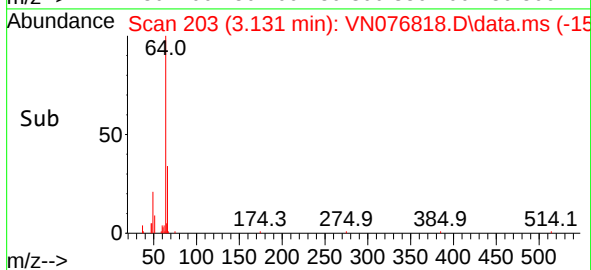
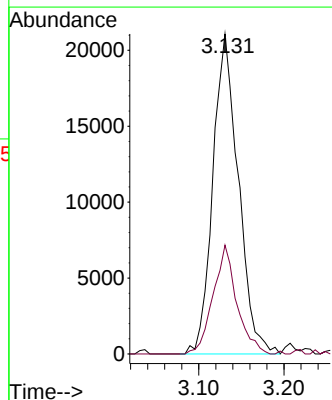
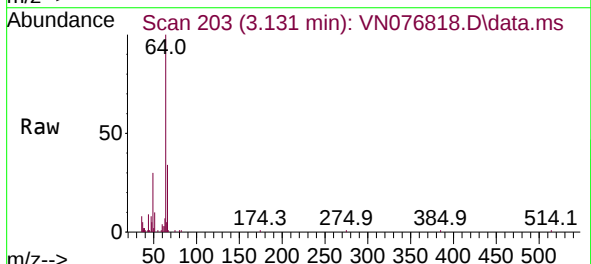
Manual Integrations
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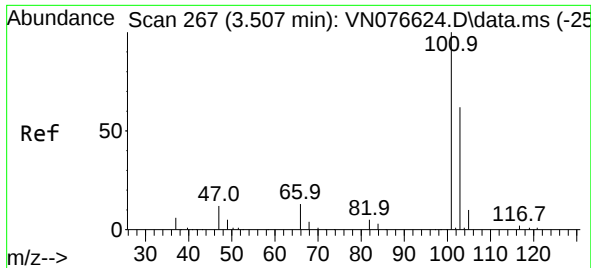
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#6
Chloroethane
Concen: 21.180 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

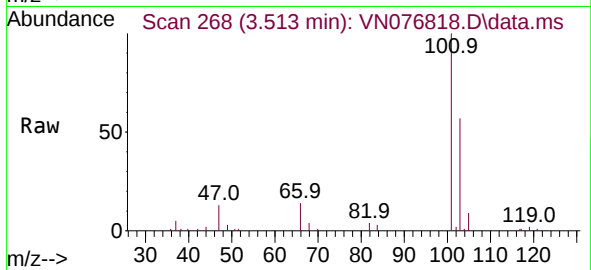
Tgt Ion: 64 Resp: 43818
Ion Ratio Lower Upper
64 100
66 34.0 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 19.031 ug/l
 RT: 3.513 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38

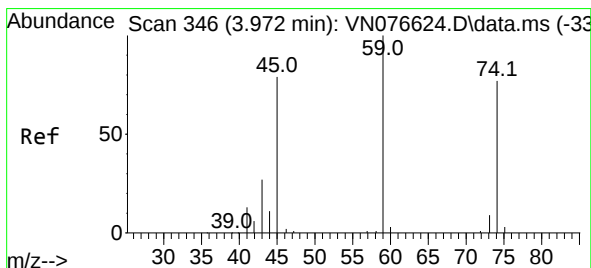
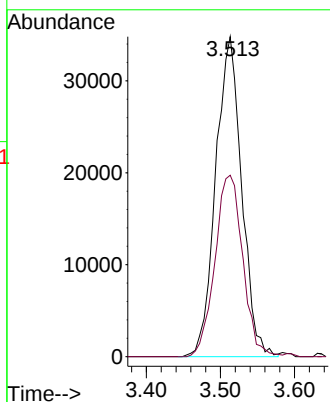
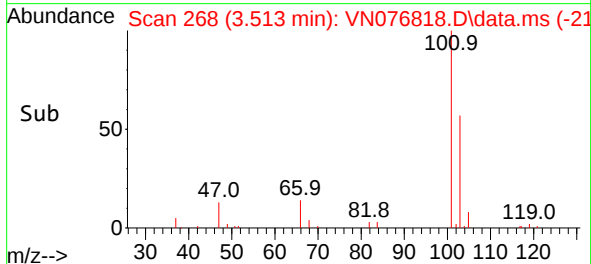
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01



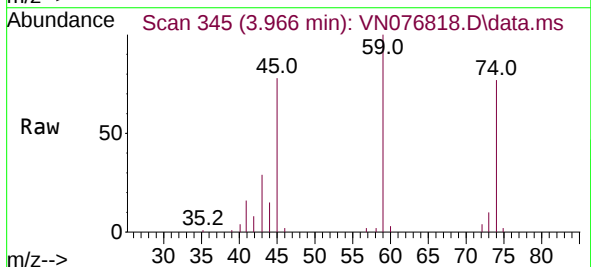
Tgt Ion:101 Resp: 84764
 Ion Ratio Lower Upper
 101 100
 103 56.7 49.4 74.2

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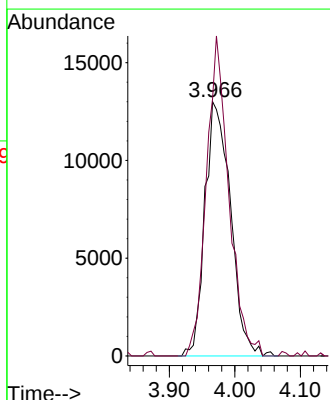
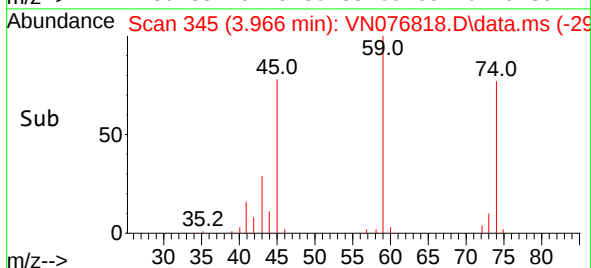
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

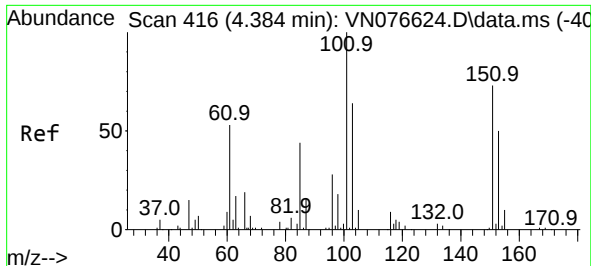


#8
 Diethyl Ether
 Concen: 20.571 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38



Tgt Ion: 74 Resp: 35306
 Ion Ratio Lower Upper
 74 100
 45 110.1 51.3 153.9





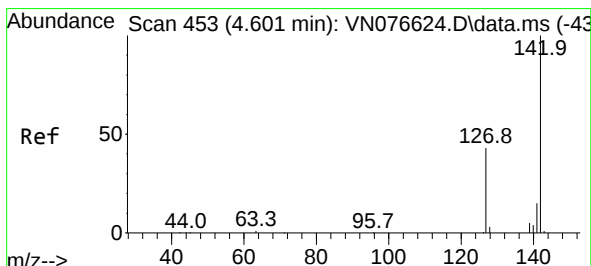
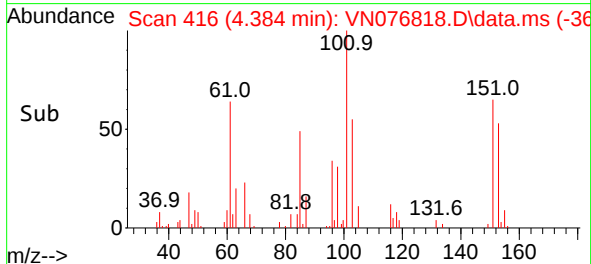
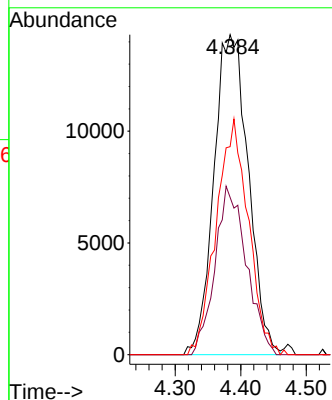
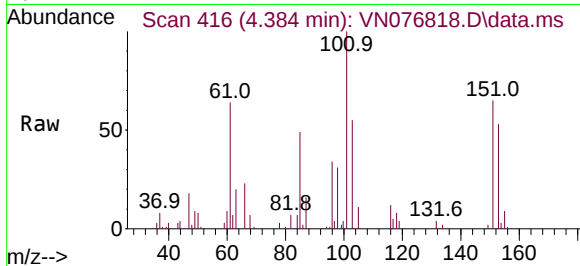
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.944 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:101 Resp: 52190
Ion Ratio Lower Upper
101 100
85 48.2 37.4 56.0
151 68.9 58.7 88.1

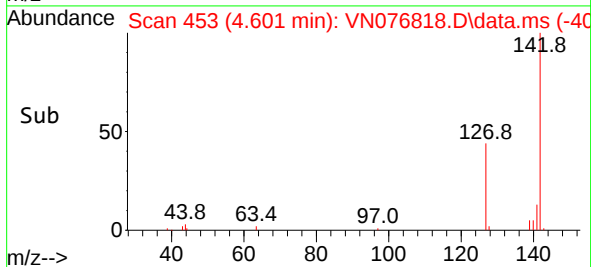
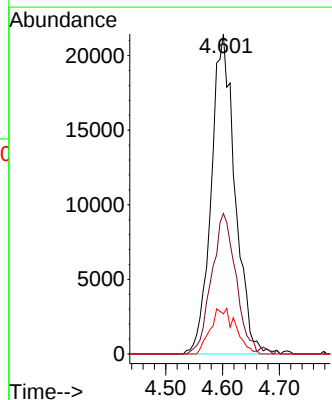
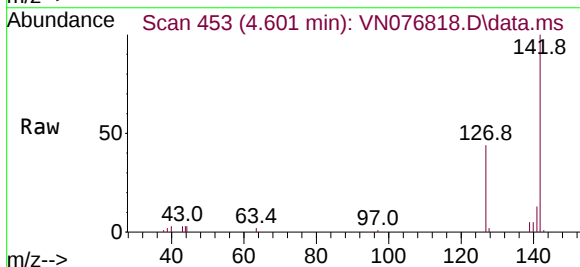
Manual Integrations
APPROVED

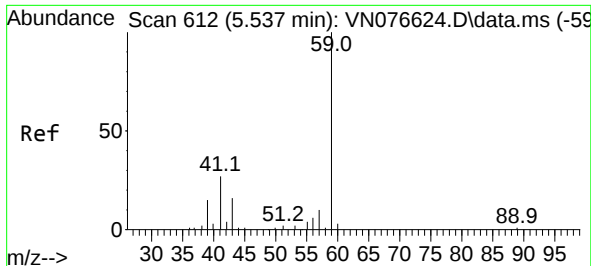
Reviewed By :John Carbone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 19.347 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

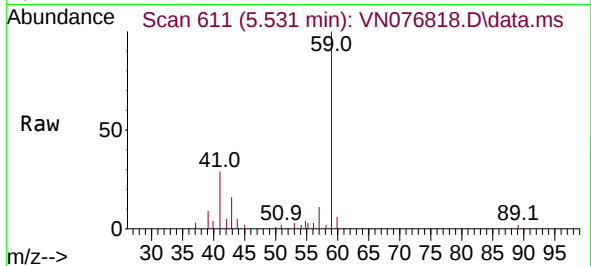
Tgt Ion:142 Resp: 62529
Ion Ratio Lower Upper
142 100
127 43.9 34.6 51.8
141 12.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 119.581 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

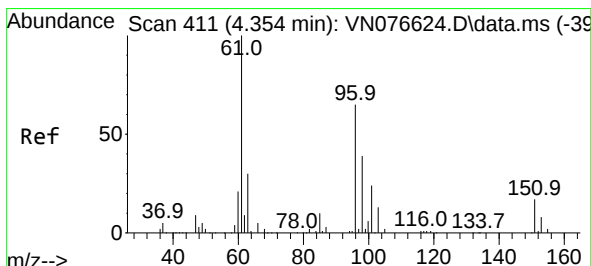
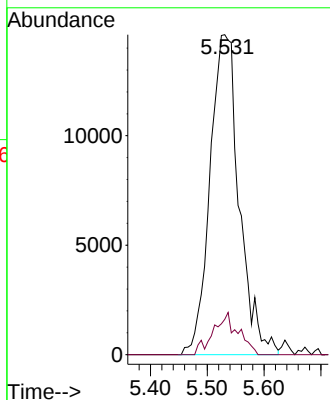
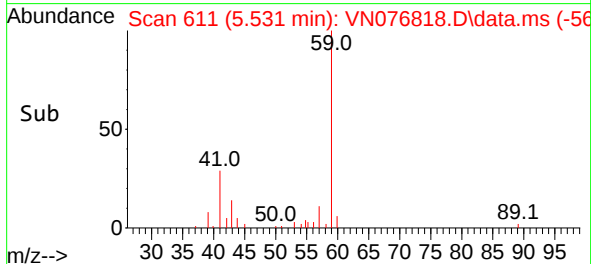
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



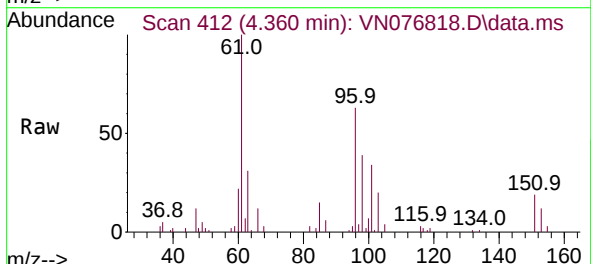
Tgt Ion: 59 Resp: 52330
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

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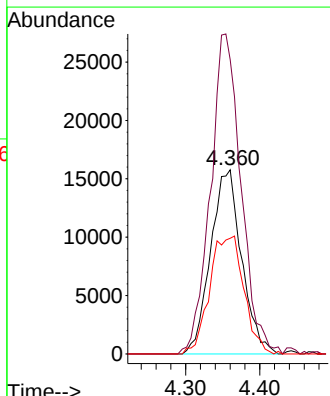
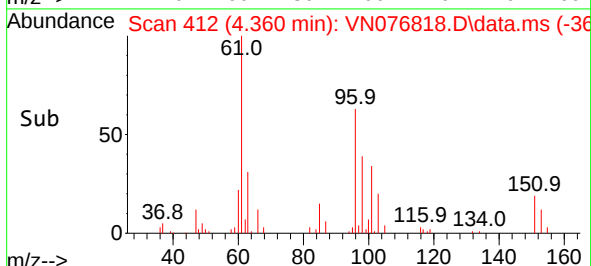
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

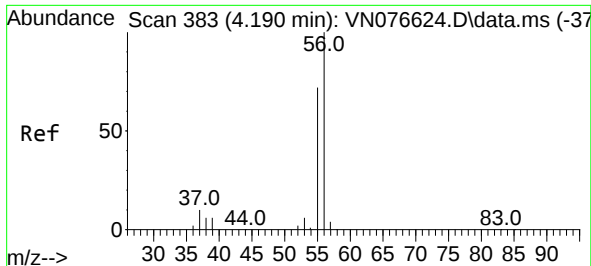


#12
1,1-Dichloroethene
Concen: 18.491 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



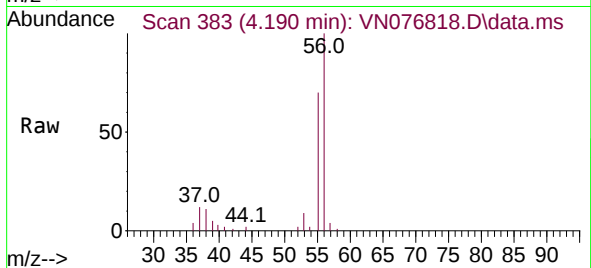
Tgt Ion: 96 Resp: 45825
Ion Ratio Lower Upper
96 100
61 159.7 123.8 185.6
98 62.8 48.4 72.6





#13
Acrolein
Concen: 98.844 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

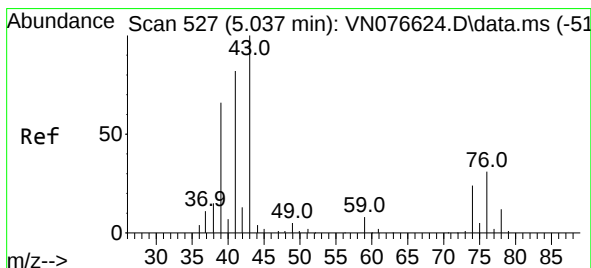
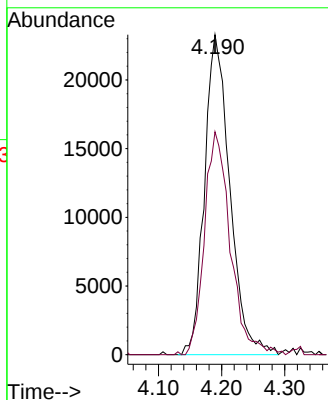
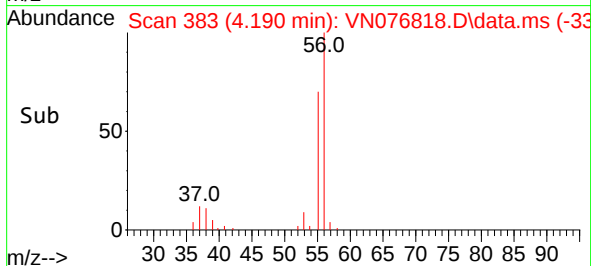
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



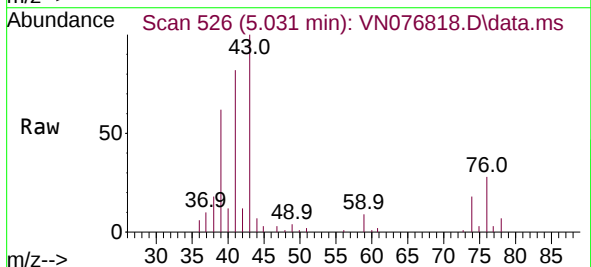
Tgt Ion: 56 Resp: 64940
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

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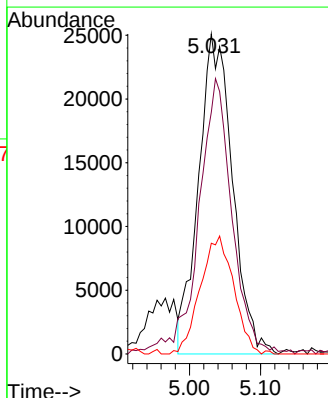
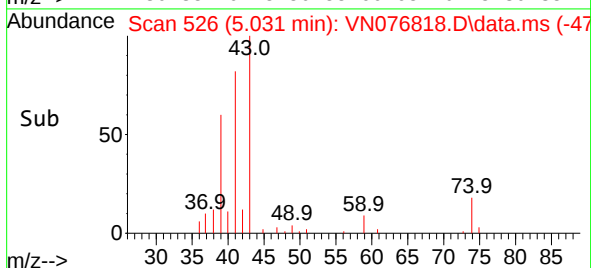
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

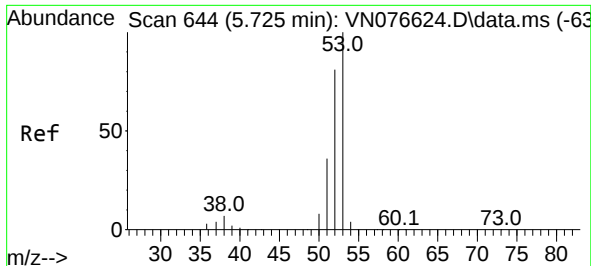


#14
Allyl chloride
Concen: 19.401 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



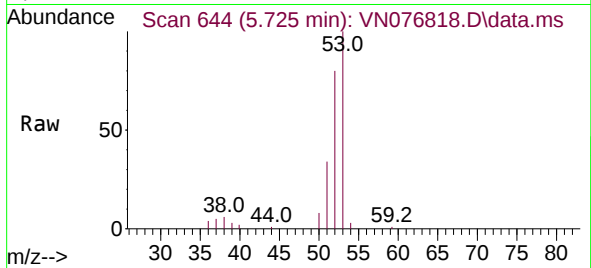
Tgt Ion: 41 Resp: 83306
Ion Ratio Lower Upper
41 100
39 82.3 62.3 93.5
76 36.2 27.0 40.6





#15
Acrylonitrile
Concen: 112.005 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

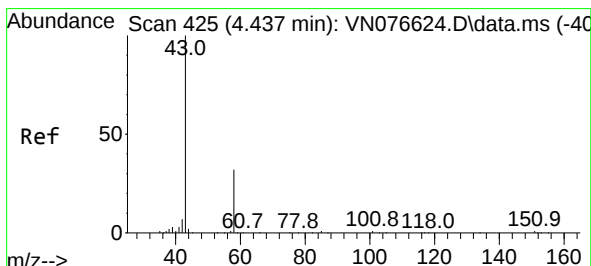
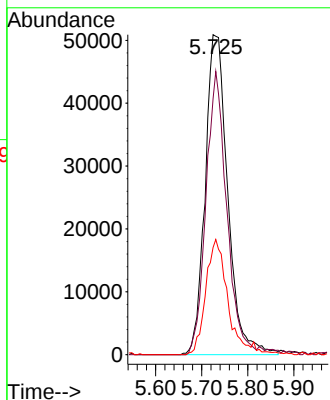
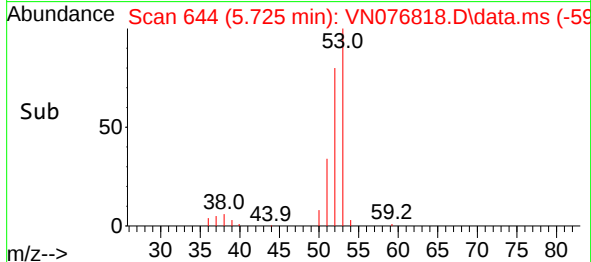
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 53 Resp: 17395
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 35.7 29.2 43.8

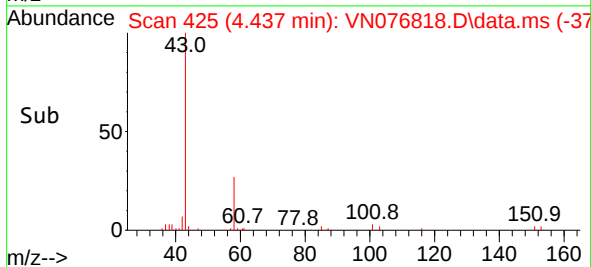
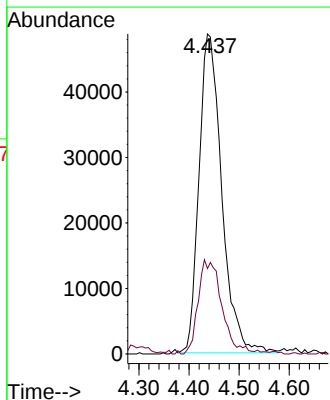
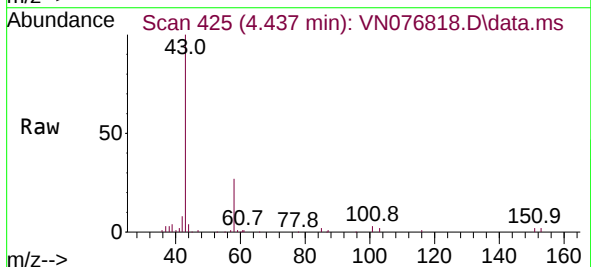
Manual Integrations
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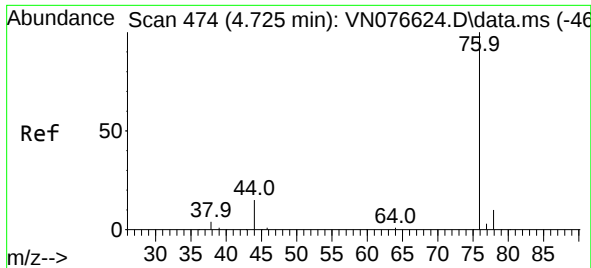
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#16
Acetone
Concen: 103.742 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

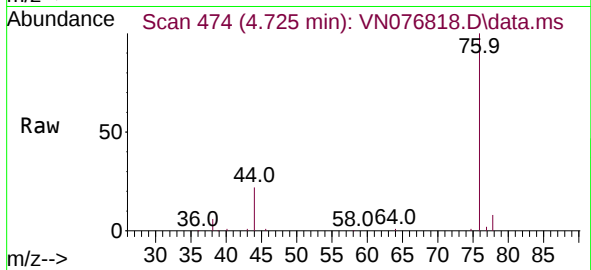
Tgt Ion: 43 Resp: 153634
Ion Ratio Lower Upper
43 100
58 26.5 25.9 38.9





#17
Carbon Disulfide
Concen: 16.213 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

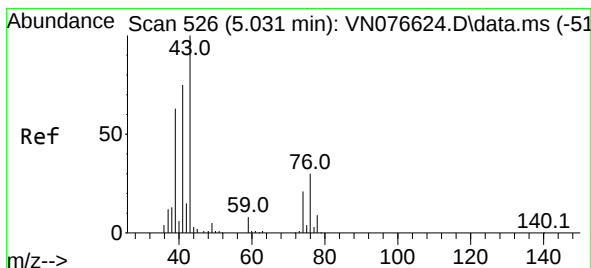
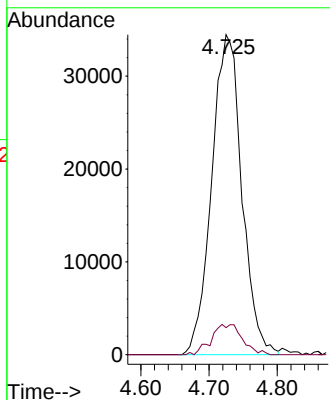
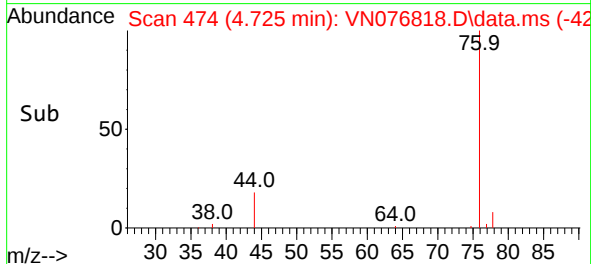
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



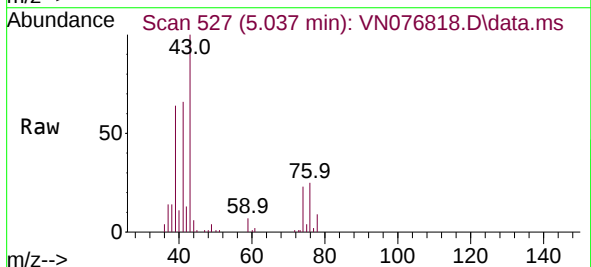
Tgt Ion: 76 Resp: 10608
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8

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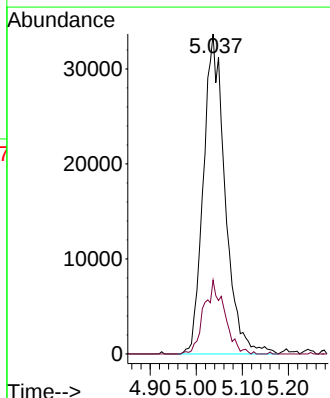
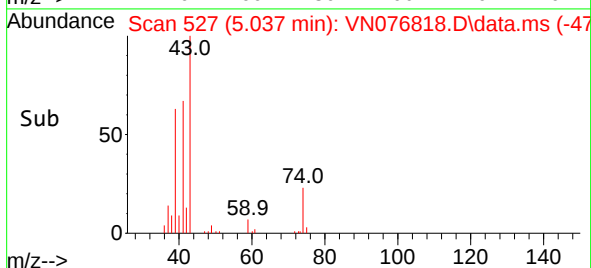
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

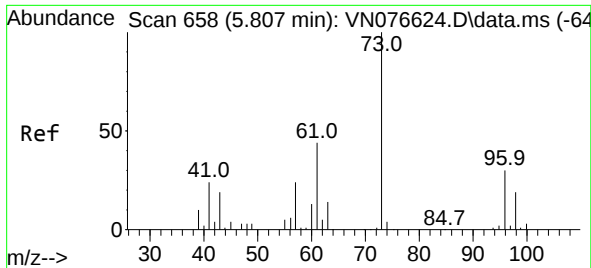


#18
Methyl Acetate
Concen: 22.896 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion: 43 Resp: 110677
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





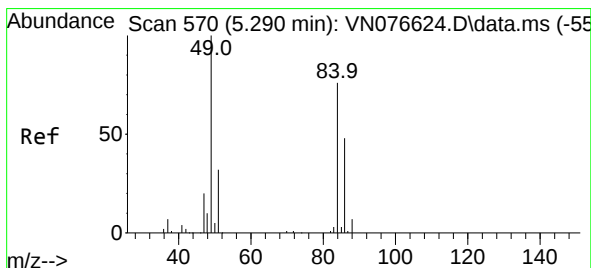
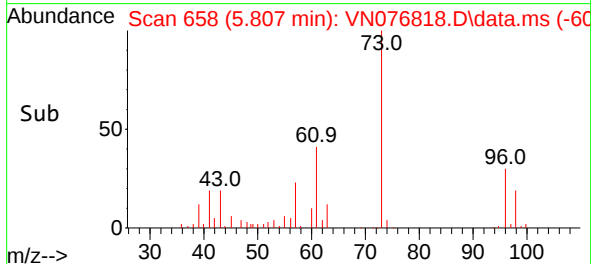
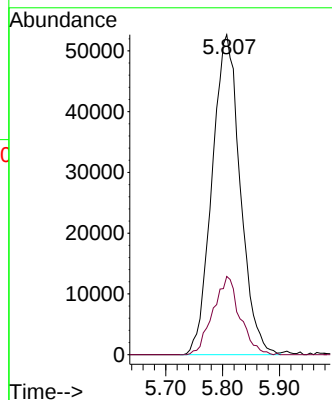
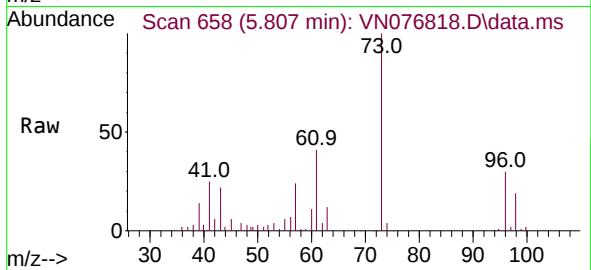
#19
Methyl tert-butyl Ether
Concen: 21.709 ug/l
RT: 5.807 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 73 Resp: 18138
Ion Ratio Lower Upper
73 100
57 24.5 19.0 28.4

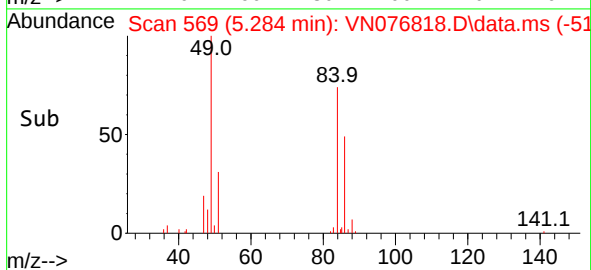
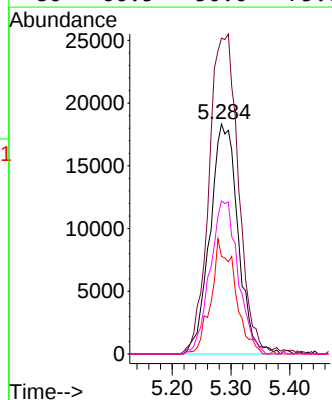
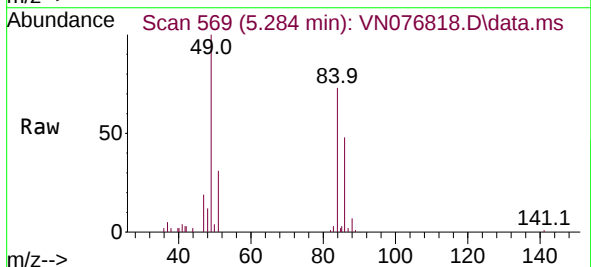
Manual Integrations
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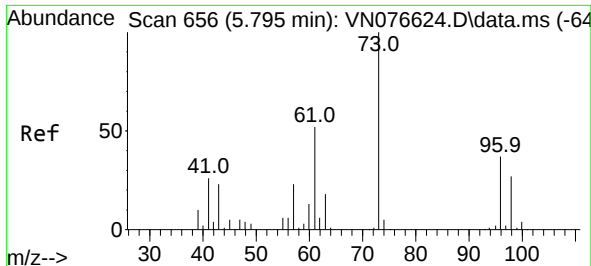
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#20
Methylene Chloride
Concen: 19.559 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion: 84 Resp: 60705
Ion Ratio Lower Upper
84 100
49 137.4 104.9 157.3
51 42.5 33.8 50.8
86 66.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.193 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 96 Resp: 50752

Ion Ratio Lower Upper

96 100

61 144.5 113.9 170.9

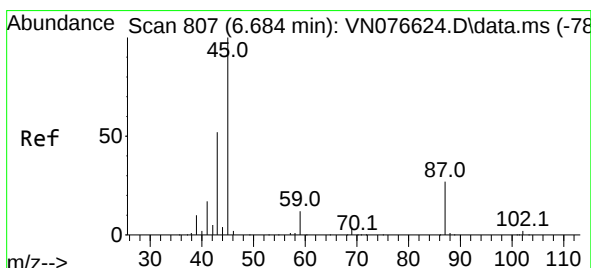
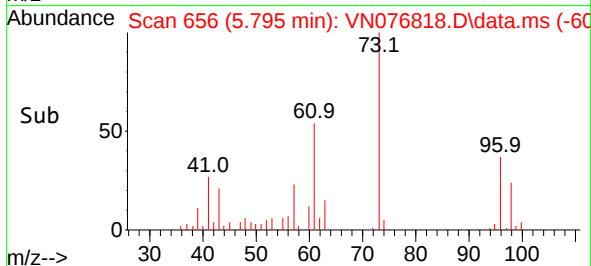
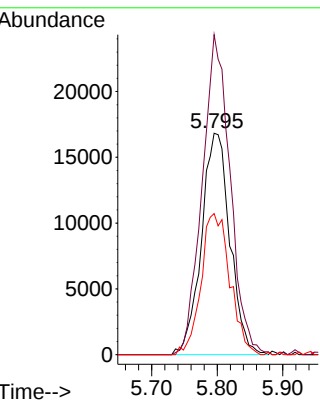
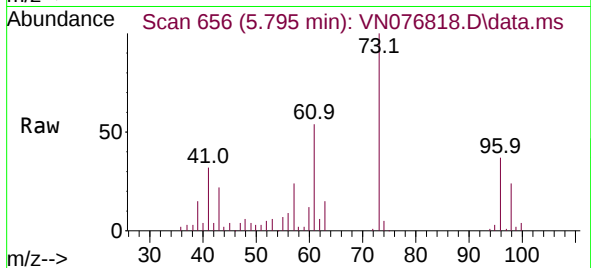
98 63.7 59.4 89.0

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

Diisopropyl ether

Concen: 22.703 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Tgt Ion: 45 Resp: 228654

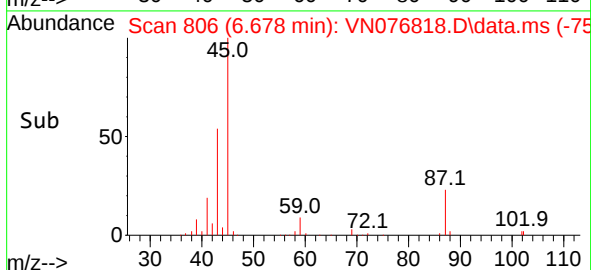
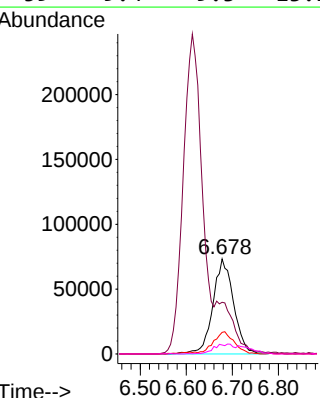
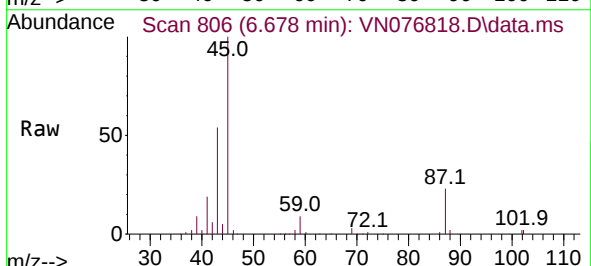
Ion Ratio Lower Upper

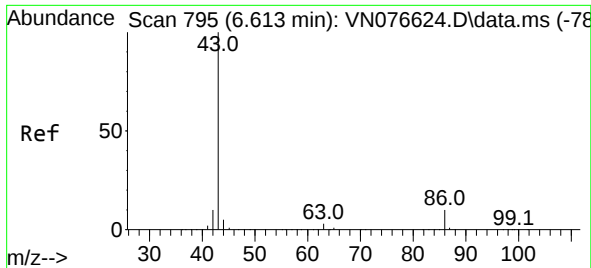
45 100

43 52.4 41.8 62.6

87 22.4 21.8 32.8

59 9.4 9.3 13.9





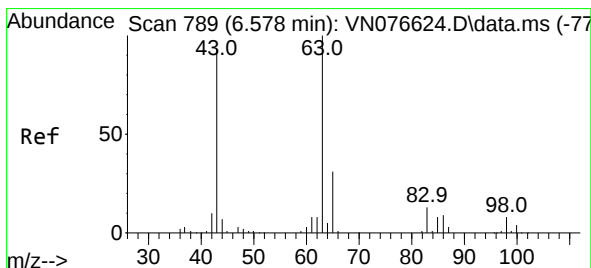
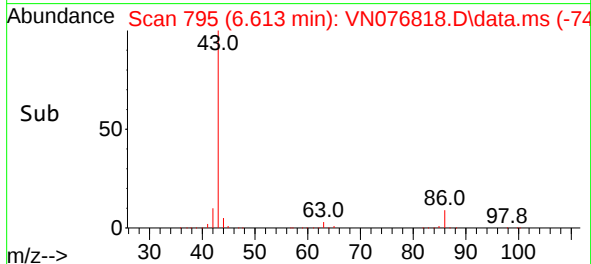
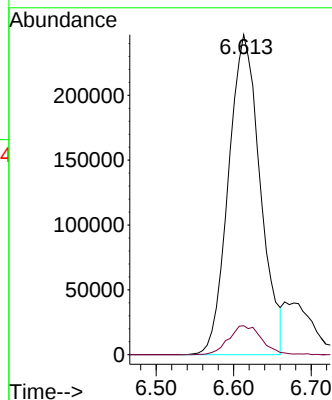
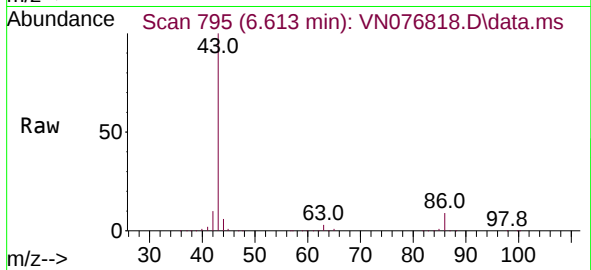
#23
 Vinyl Acetate
 Concen: 118.066 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38

Instrument :
 MSVOA_N
 Client Sample Id :
 VN0227WBSD01

Tgt Ion: 43 Resp: 70354
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.2 12.2

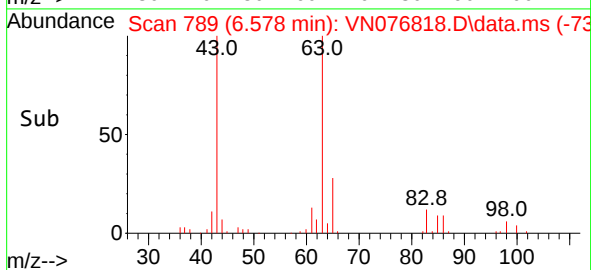
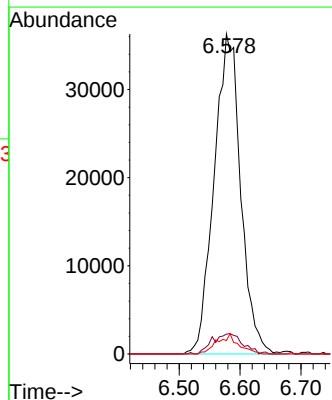
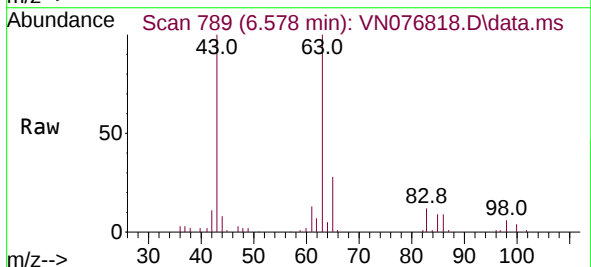
Manual Integrations
 APPROVED

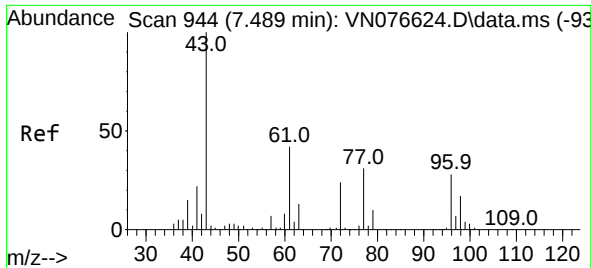
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 19.940 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38

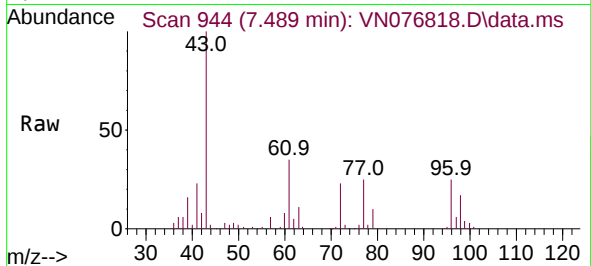
Tgt Ion: 63 Resp: 110062
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.1 12.3
 100 4.2 2.0 5.8





#25
2-Butanone
Concen: 110.927 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

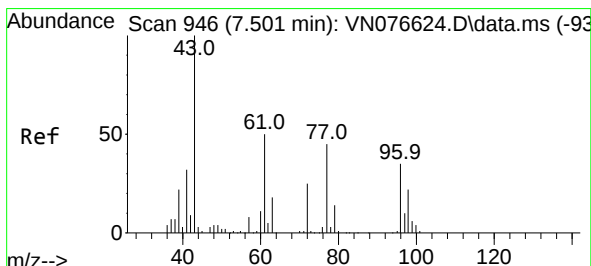
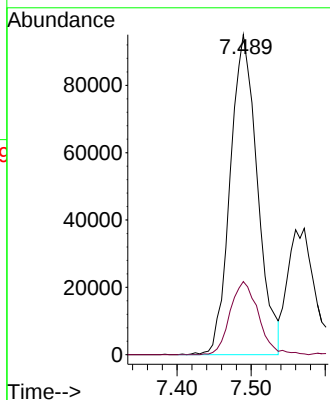
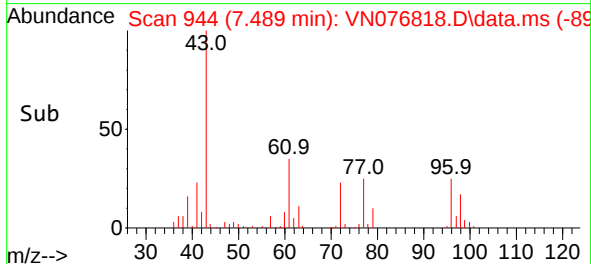
Instrument :
MSVOA_N
Client Sample Id :
VN0227WBSD01



Tgt Ion: 43 Resp: 242310
Ion Ratio Lower Upper
43 100
72 22.9 19.4 29.2

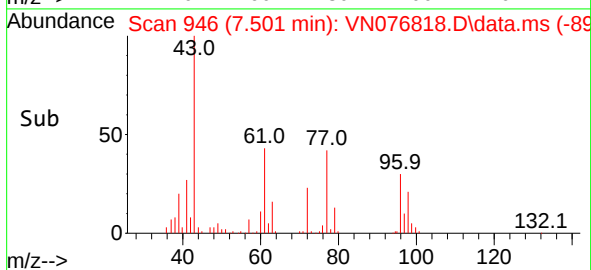
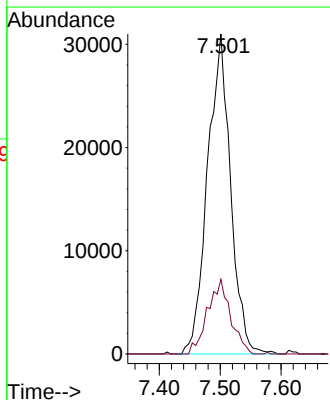
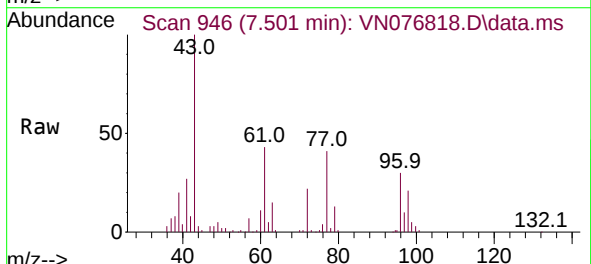
Manual Integrations
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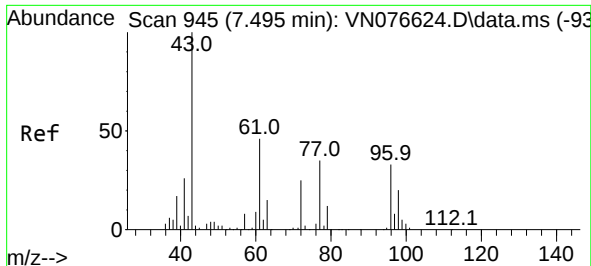
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
2,2-Dichloropropane
Concen: 20.482 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

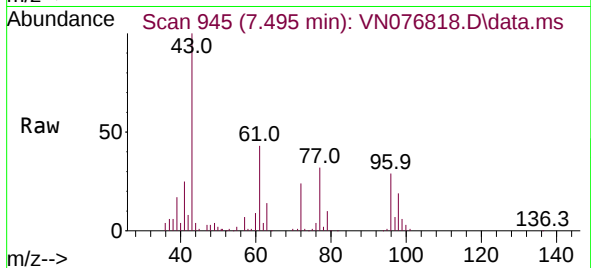
Tgt Ion: 77 Resp: 81546
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.223 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38

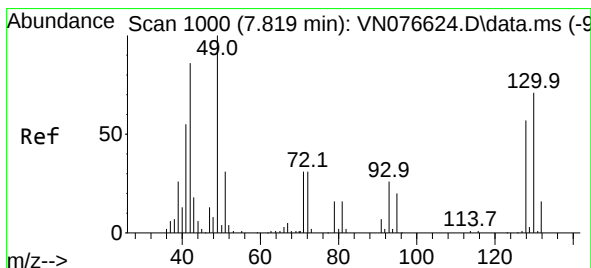
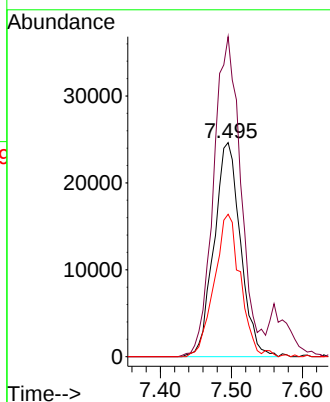
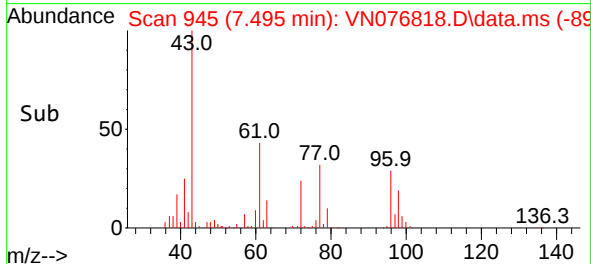
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01



Tgt Ion: 96 Resp: 6360
 Ion Ratio Lower Upper
 96 100
 61 155.3 0.0 286.8
 98 65.0 0.0 124.0

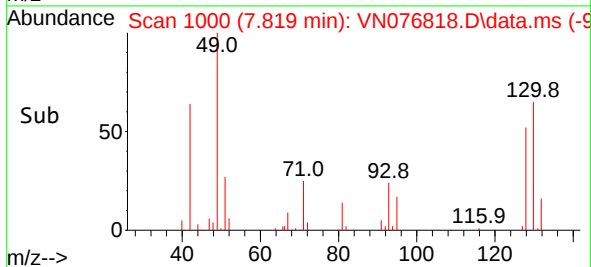
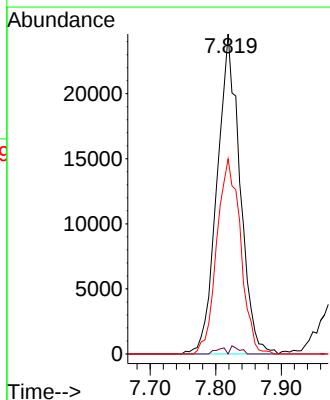
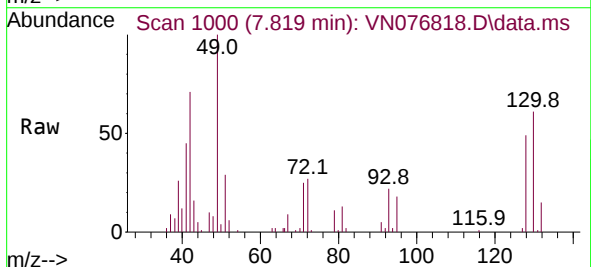
Manual Integrations
 APPROVED

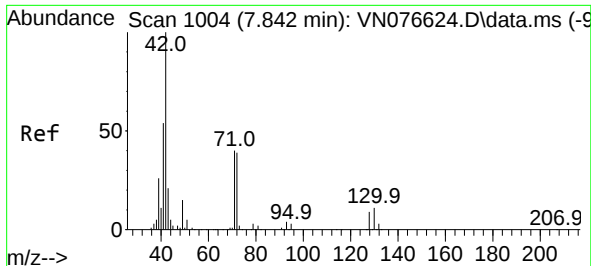
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#28
 Bromochloromethane
 Concen: 22.699 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38

Tgt Ion: 49 Resp: 59631
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 63.0 57.8 86.8





#29

Tetrahydrofuran

Concen: 111.411 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076818.D

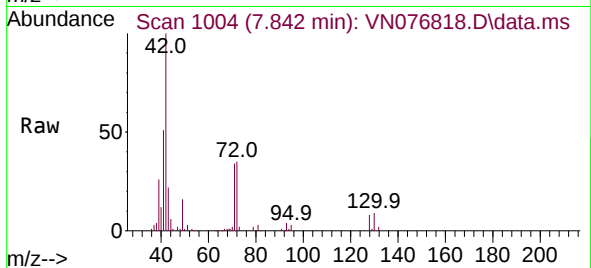
Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01



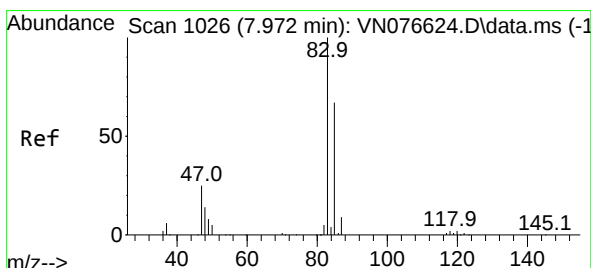
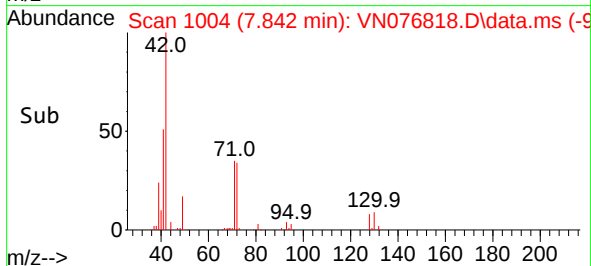
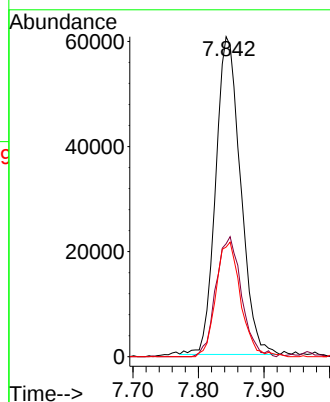
Tgt Ion:	42	Resp:	159008
Ion Ratio	Lower	Upper	
42	100		
72	38.9	31.5	47.3
71	35.9	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 20.623 ug/l

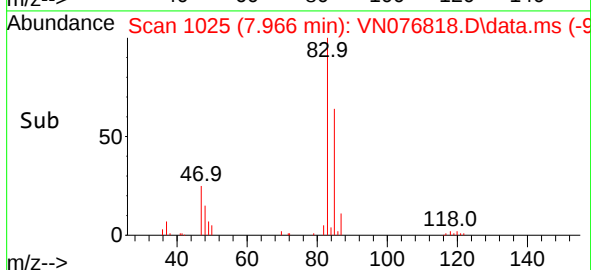
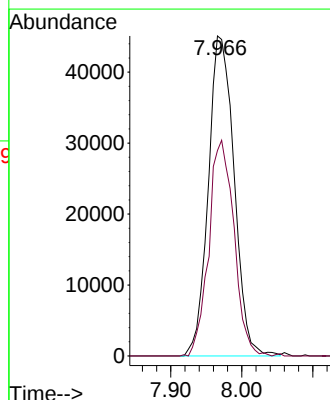
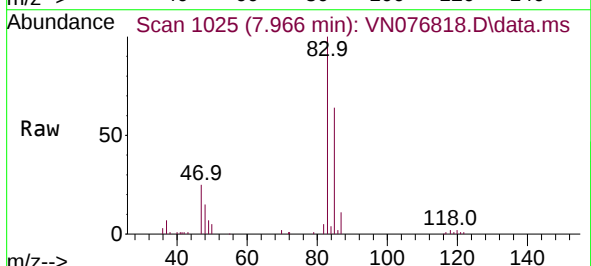
RT: 7.966 min Scan# 1025

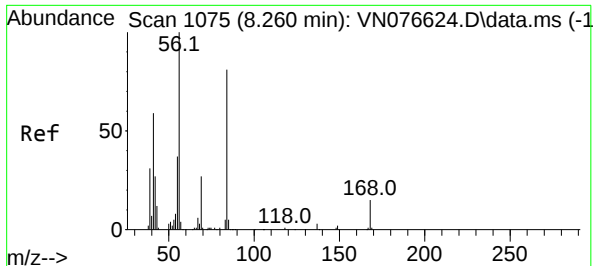
Delta R.T. -0.006 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

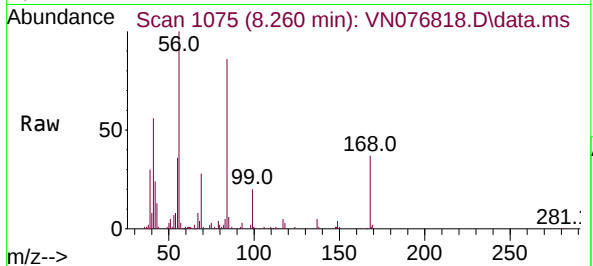
Tgt Ion:	83	Resp:	113736
Ion Ratio	Lower	Upper	
83	100		
85	64.2	53.5	80.3





#31
Cyclohexane
Concen: 19.722 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

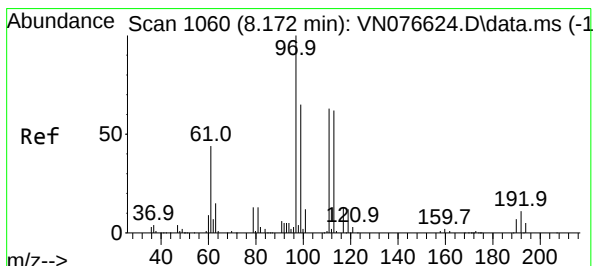
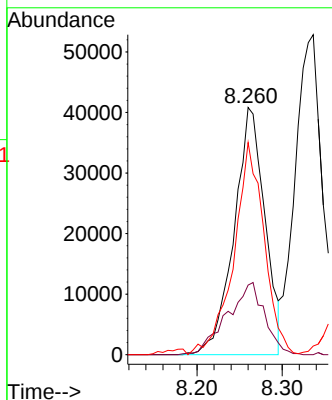
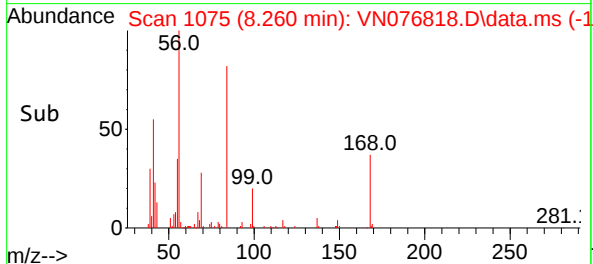
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



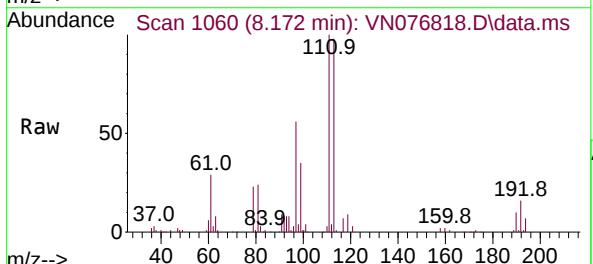
Tgt Ion: 56 Resp: 10256
Ion Ratio Lower Upper
56 100
69 28.2 21.6 32.4
84 83.6 65.1 97.7

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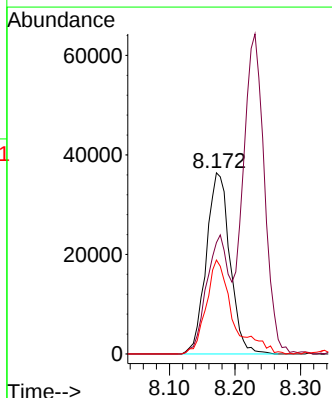
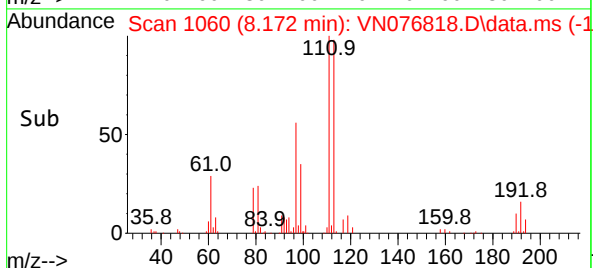
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

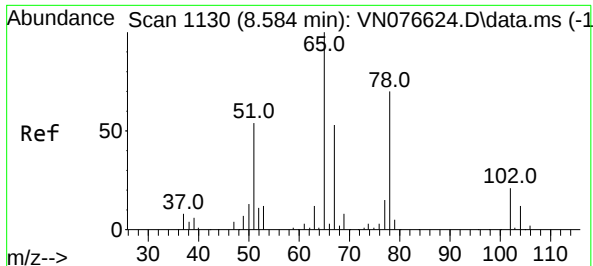


#32
1,1,1-Trichloroethane
Concen: 19.679 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion: 97 Resp: 91251
Ion Ratio Lower Upper
97 100
99 61.8 51.2 76.8
61 58.0 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 58.404 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 65 Resp: 19362

Ion Ratio Lower Upper

65 100

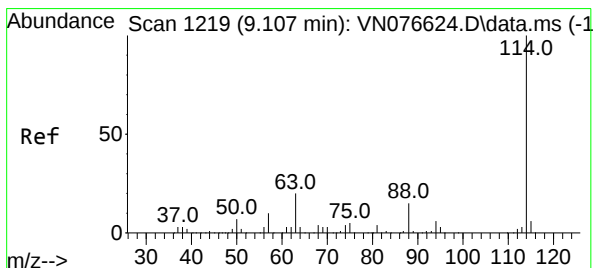
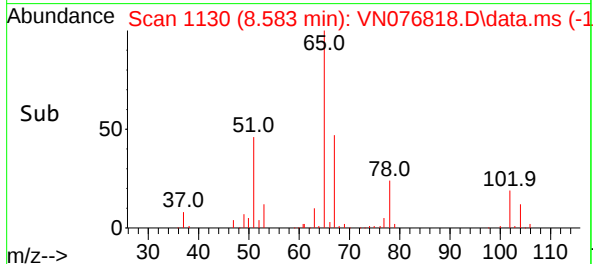
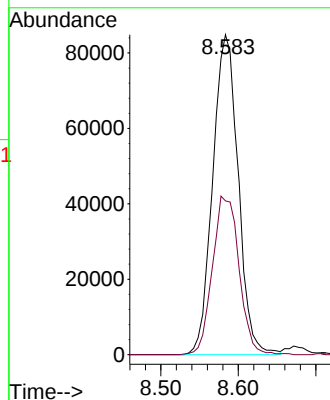
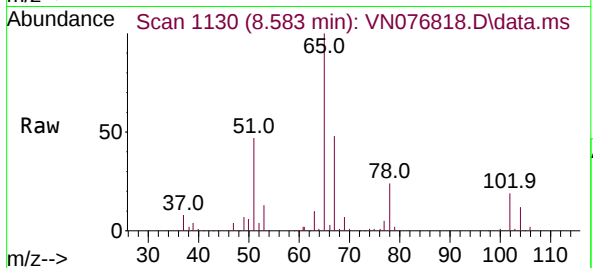
67 51.7 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

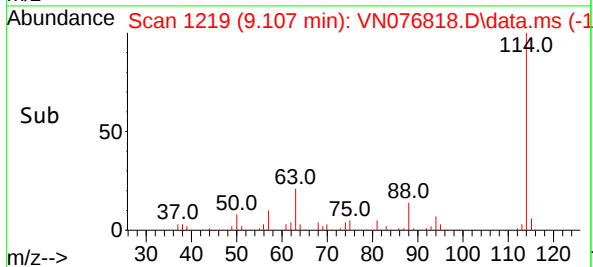
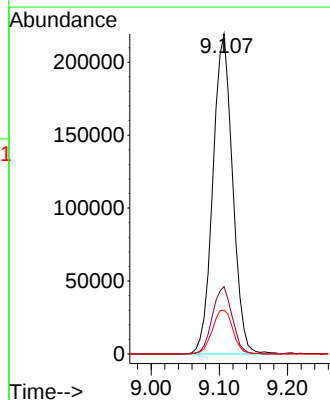
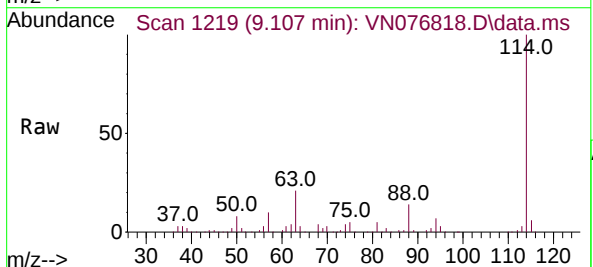
Tgt Ion:114 Resp: 441485

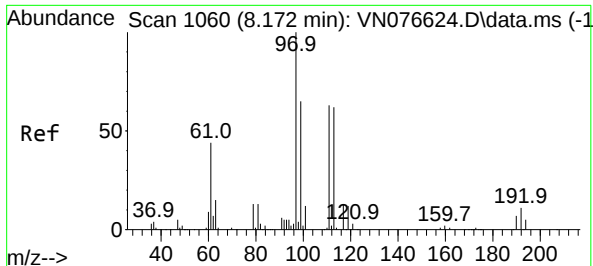
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 13.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.462 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion:113 Resp: 145890

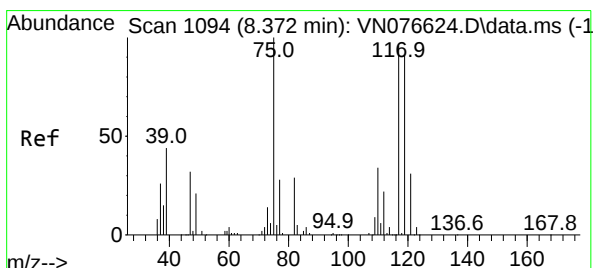
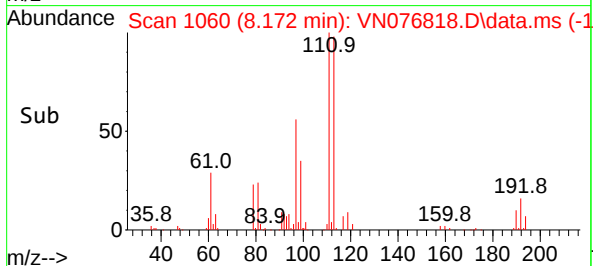
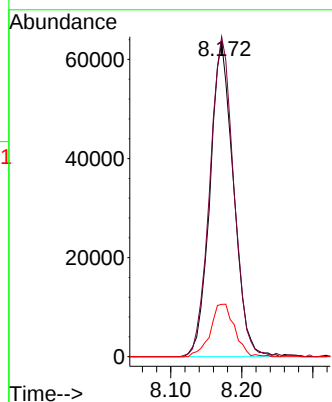
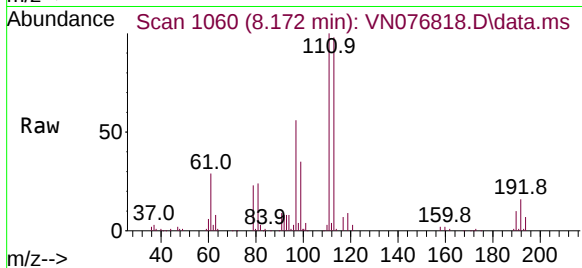
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	17.2	15.6	23.4

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,1-Dichloropropene

Concen: 19.094 ug/l

RT: 8.378 min Scan# 1095

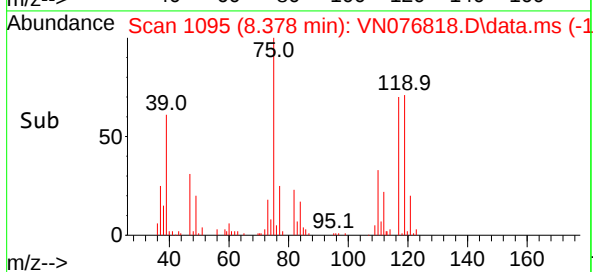
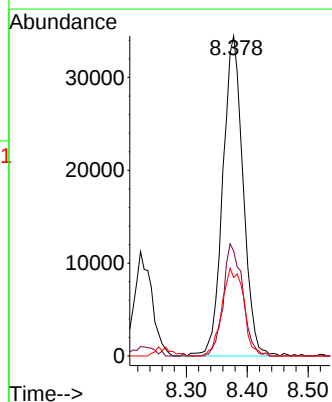
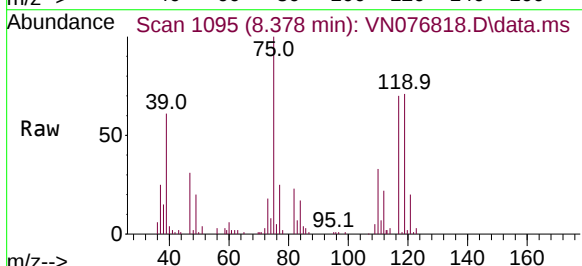
Delta R.T. 0.006 min

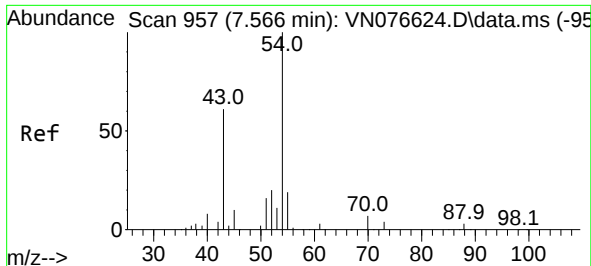
Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Tgt Ion: 75 Resp: 79762

Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.5	52.5
77	29.4	24.5	36.7





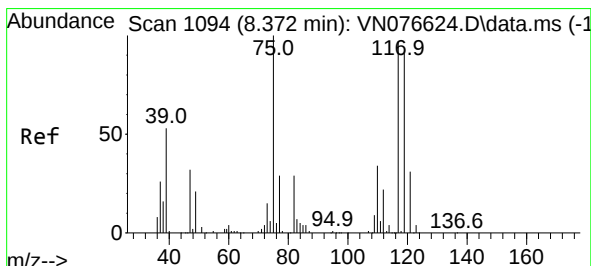
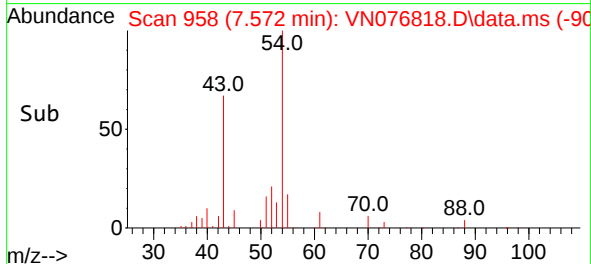
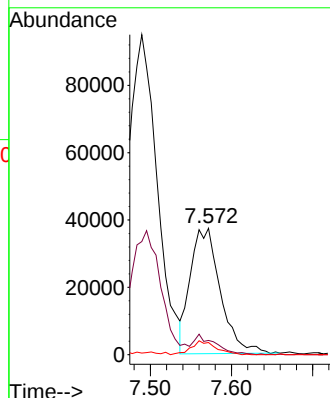
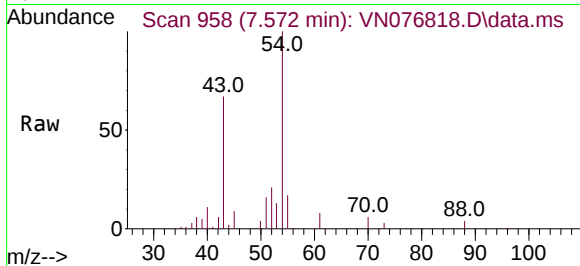
#37
Ethyl Acetate
Concen: 21.806 ug/l
RT: 7.572 min Scan# 958
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 43 Resp: 95838
Ion Ratio Lower Upper
43 100
61 11.4 9.9 14.9
70 9.0 7.8 11.6

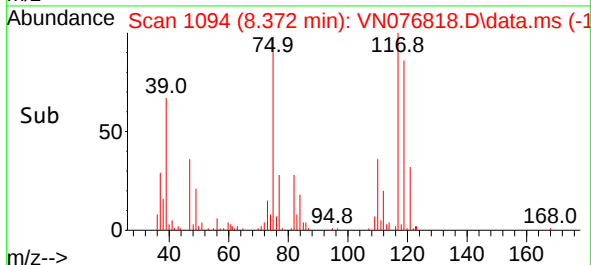
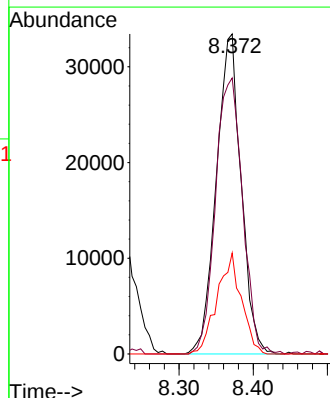
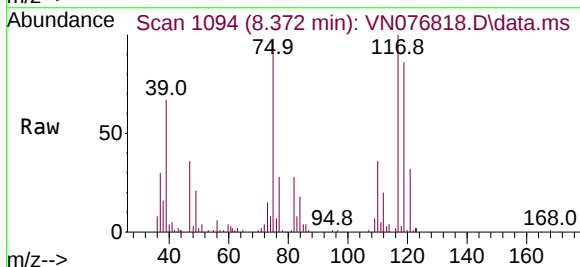
Manual Integrations
APPROVED

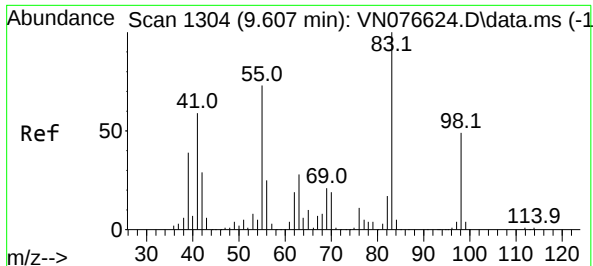
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38
Carbon Tetrachloride
Concen: 18.402 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion:117 Resp: 77546
Ion Ratio Lower Upper
117 100
119 86.2 75.4 113.0
121 31.6 26.0 39.0





#39

Methylcyclohexane

Concen: 19.193 ug/l

RT: 9.601 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

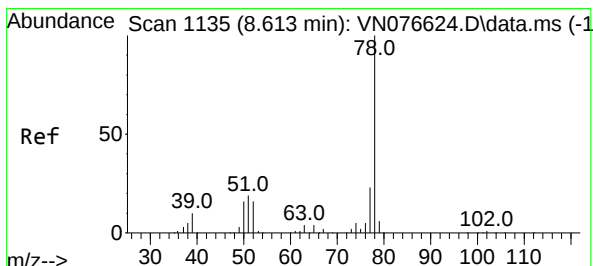
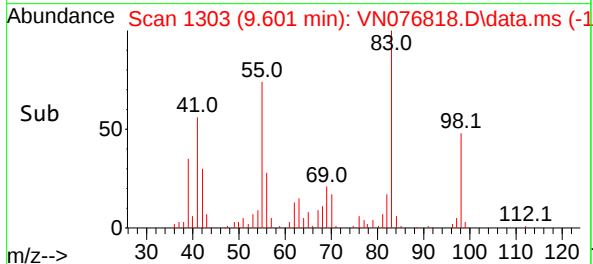
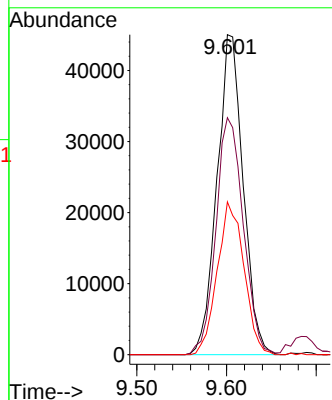
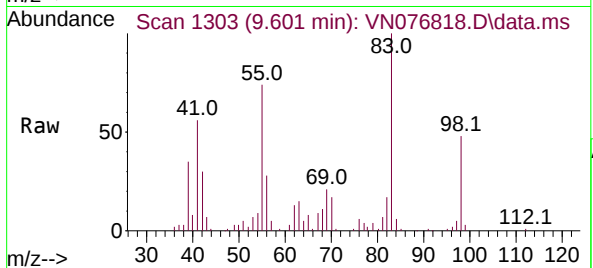
Tgt Ion: 83 Resp: 91130
 Ion Ratio Lower Upper
 83 100
 55 74.0 58.6 88.0
 98 47.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 20.068 ug/l

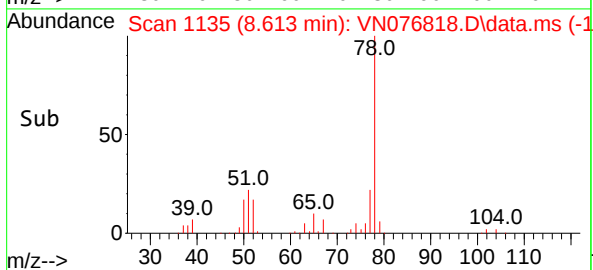
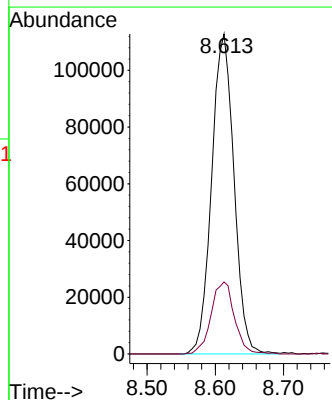
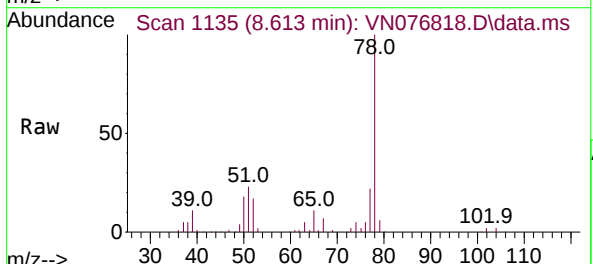
RT: 8.613 min Scan# 1135

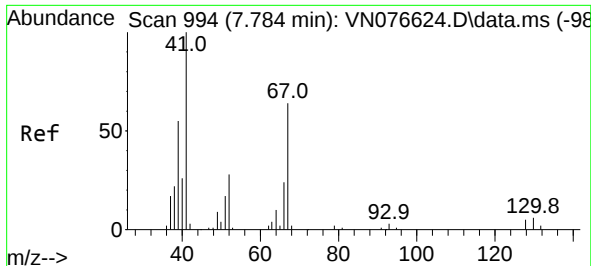
Delta R.T. -0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

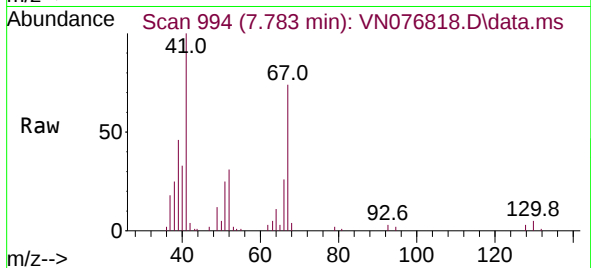
Tgt Ion: 78 Resp: 257438
 Ion Ratio Lower Upper
 78 100
 77 22.5 18.2 27.4





#41
Methacrylonitrile
Concen: 21.729 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

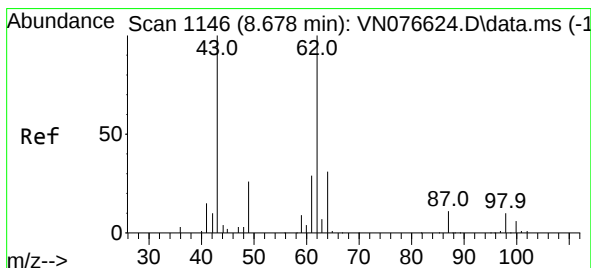
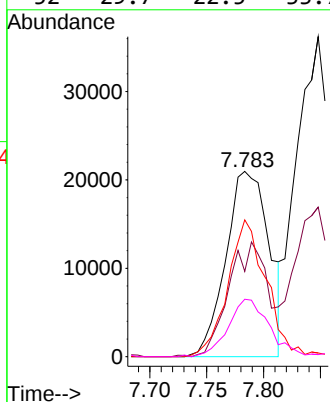
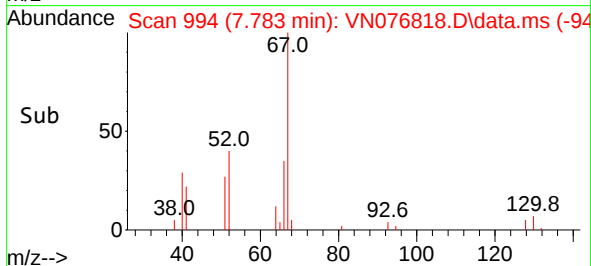
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 41 Resp: 55329
Ion Ratio Lower Upper
41 100
39 56.9 42.6 63.8
67 65.9 51.4 77.0
52 29.7 22.5 33.7

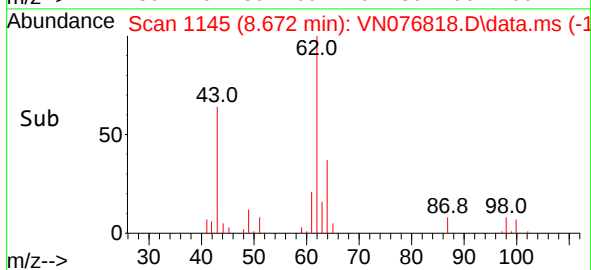
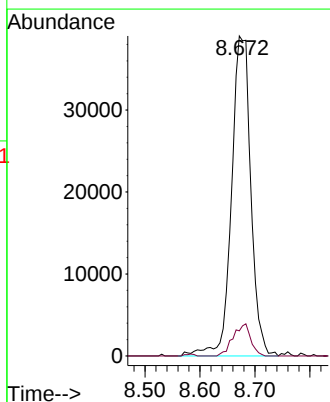
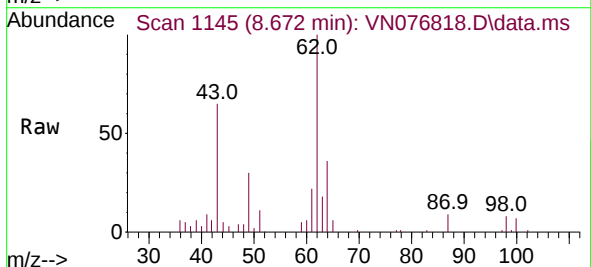
Manual Integrations
APPROVED

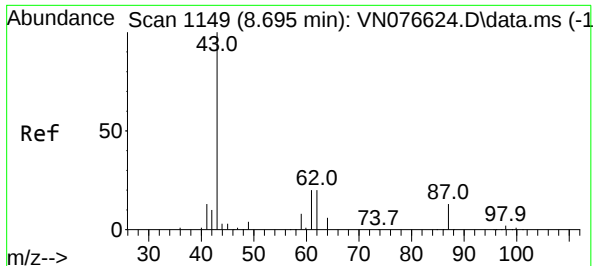
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 21.312 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

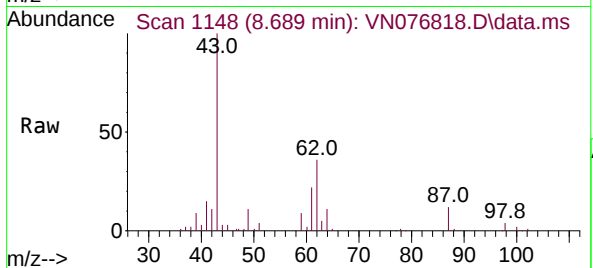
Tgt Ion: 62 Resp: 95352
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 22.411 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

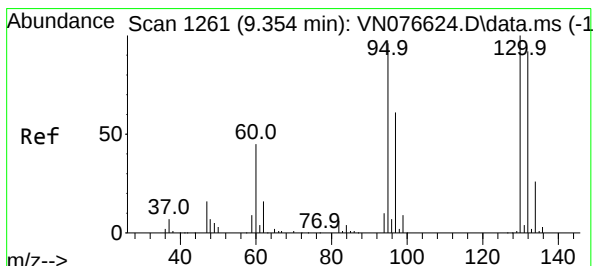
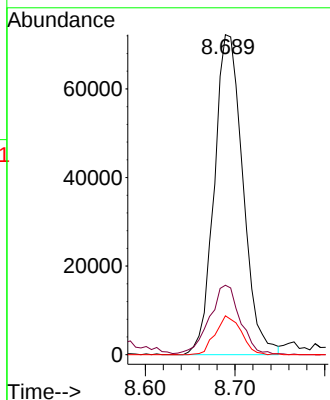
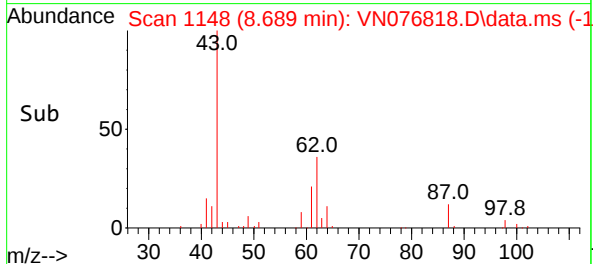
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 43 Resp: 160270
Ion Ratio Lower Upper
43 100
61 23.4 20.0 30.0
87 11.0 9.9 14.9

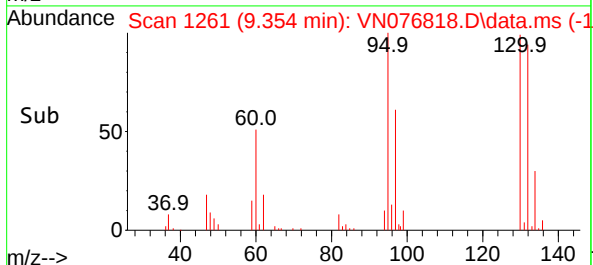
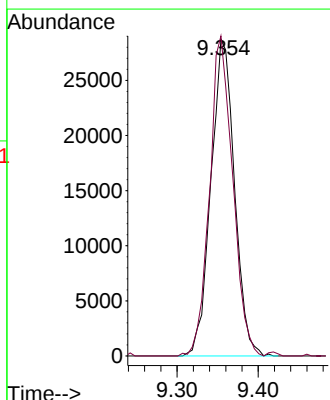
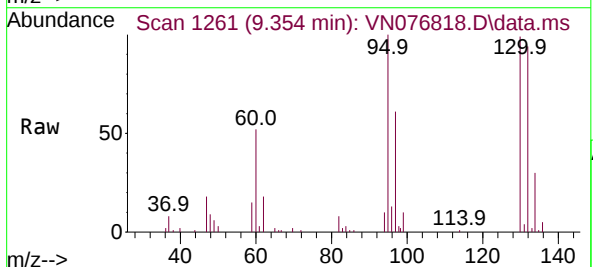
Manual Integrations
APPROVED

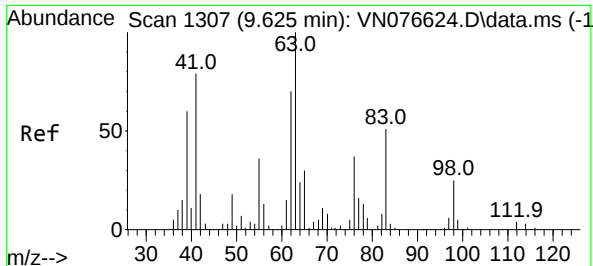
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#44
Trichloroethene
Concen: 19.111 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion:130 Resp: 57933
Ion Ratio Lower Upper
130 100
95 101.1 0.0 191.4





#45

1,2-Dichloropropane

Concen: 20.658 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 63 Resp: 7015

Ion Ratio Lower Upper

63 100

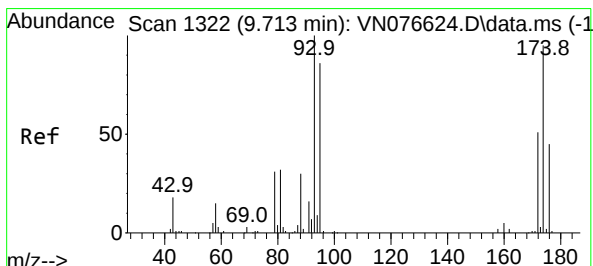
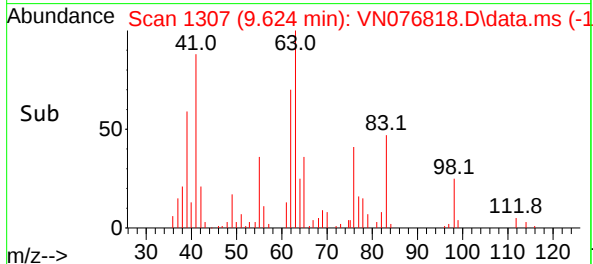
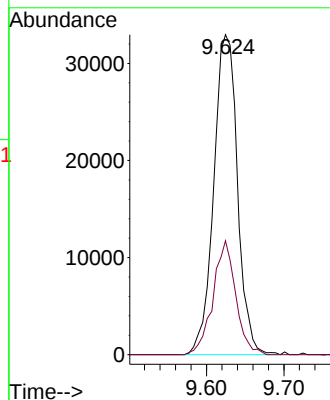
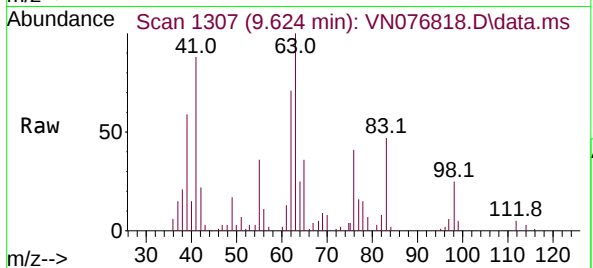
65 35.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 20.889 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

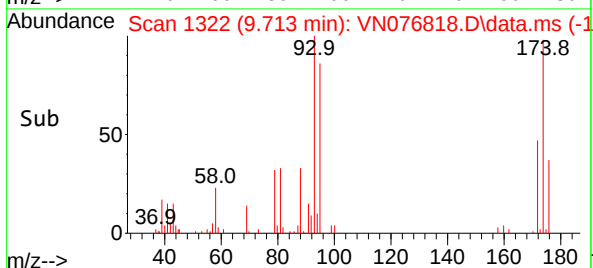
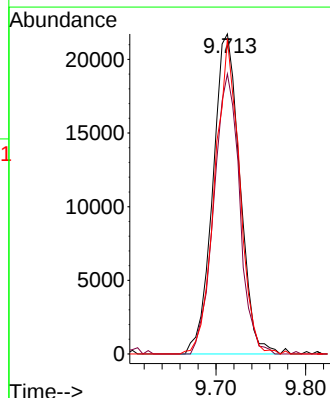
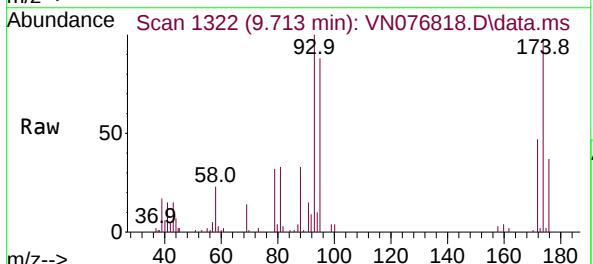
Tgt Ion: 93 Resp: 45349

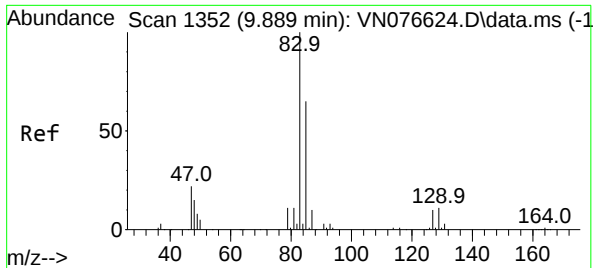
Ion Ratio Lower Upper

93 100

95 83.2 66.0 99.0

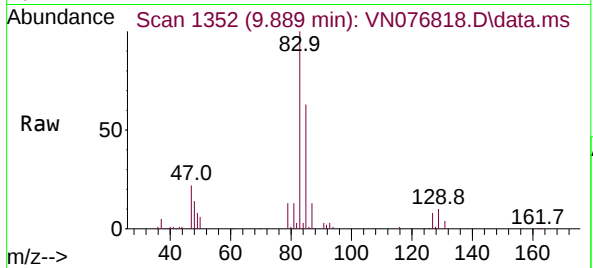
174 90.2 75.8 113.8





#47
Bromodichloromethane
Concen: 20.875 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

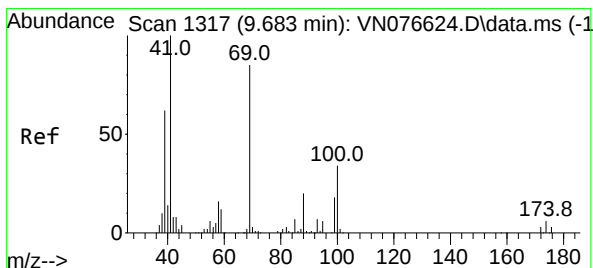
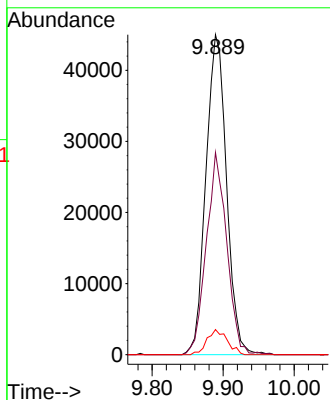
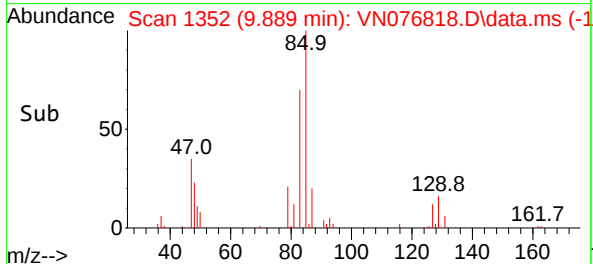
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



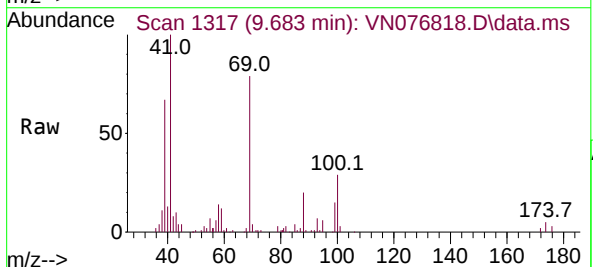
Tgt Ion: 83 Resp: 90859
Ion Ratio Lower Upper
83 100
85 63.2 51.8 77.6
127 7.8 7.9 11.9

Manual Integrations
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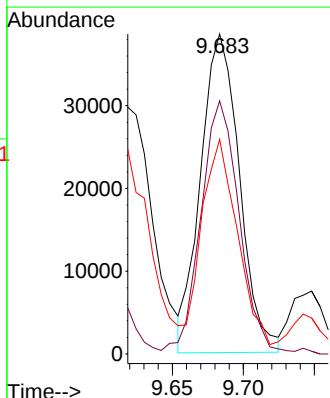
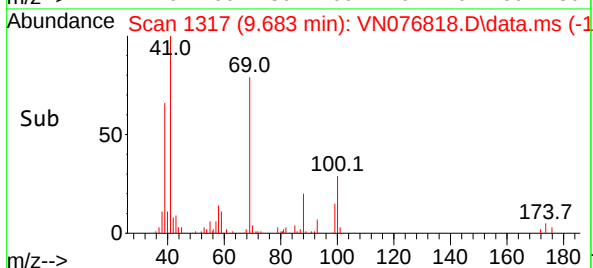
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

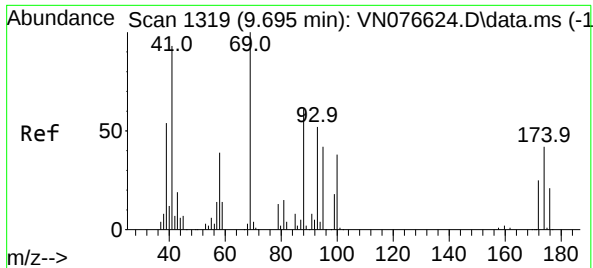


#48
Methyl methacrylate
Concen: 21.627 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion: 41 Resp: 73396
Ion Ratio Lower Upper
41 100
69 76.6 65.4 98.0
39 64.6 49.3 73.9





#49

1,4-Dioxane

Concen: 435.806 ug/l

RT: 9.689 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 88 Resp: 25584

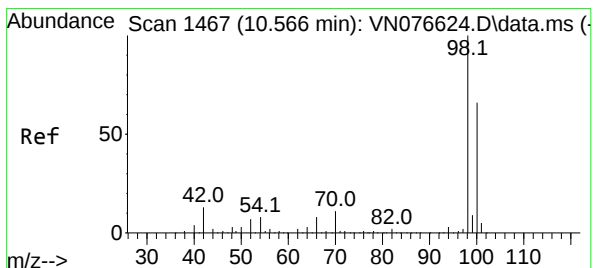
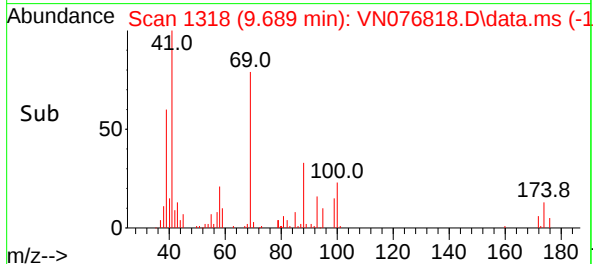
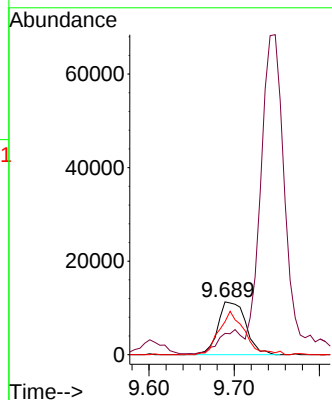
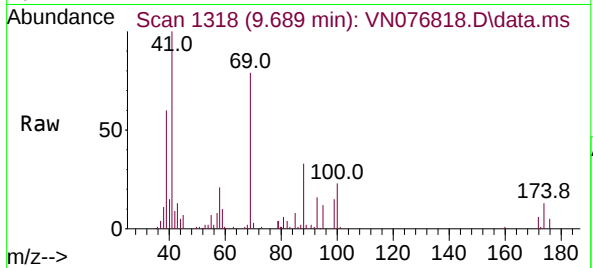
Ion	Ratio	Lower	Upper
88	100		
43	38.4	22.6	33.8
58	75.2	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#50

Toluene-d8

Concen: 52.604 ug/l

RT: 10.571 min Scan# 1468

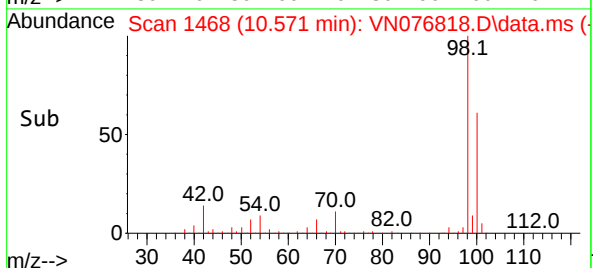
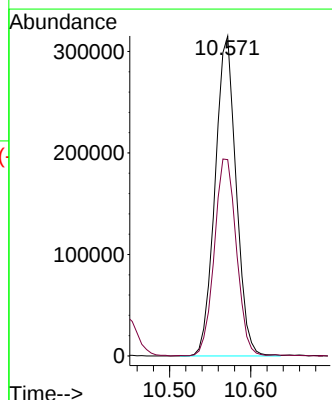
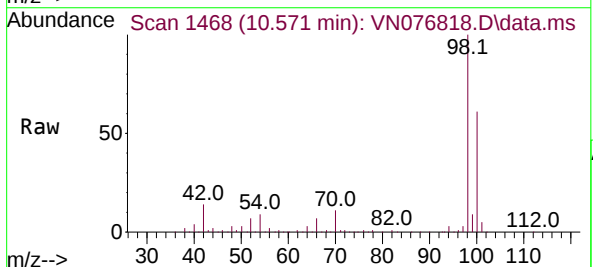
Delta R.T. 0.005 min

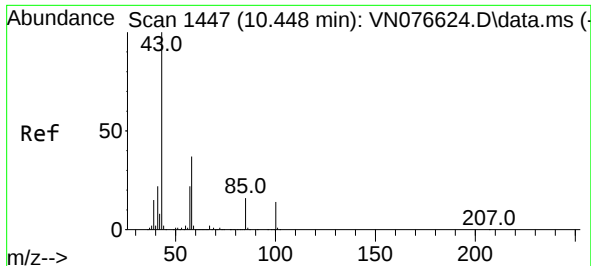
Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Tgt Ion: 98 Resp: 567988

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.9	79.3





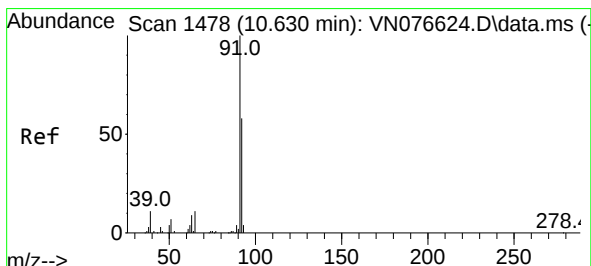
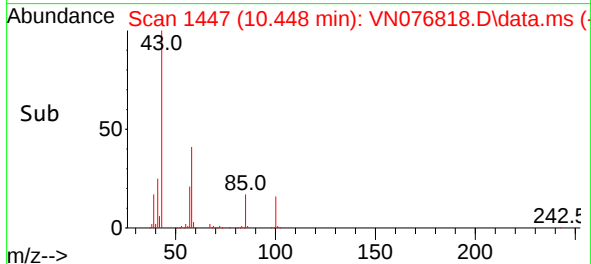
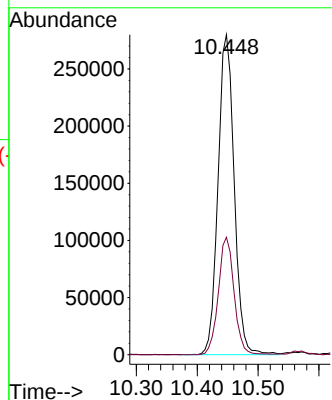
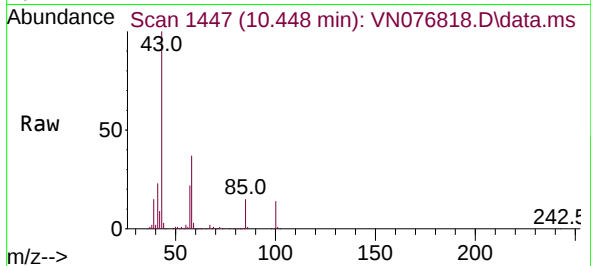
#51
4-Methyl-2-Pentanone
Concen: 113.422 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 43 Resp: 516108
Ion Ratio Lower Upper
43 100
58 35.8 29.5 44.3

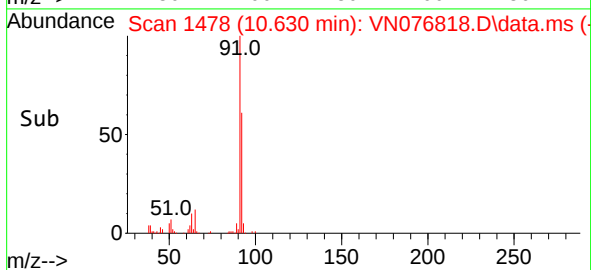
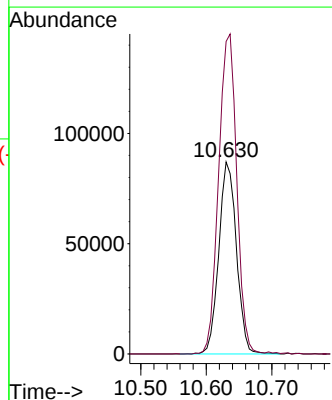
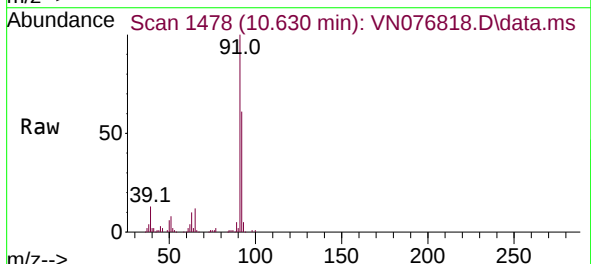
Manual Integrations
APPROVED

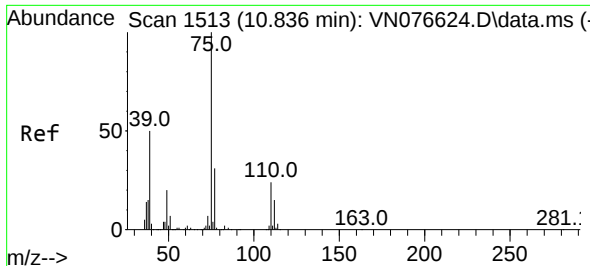
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#52
Toluene
Concen: 20.971 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

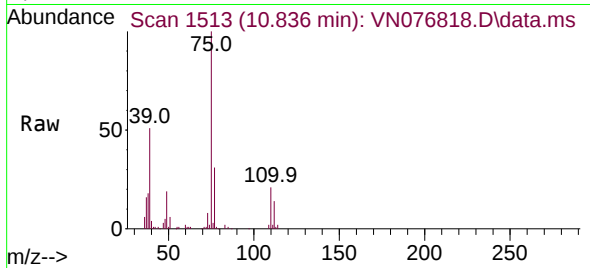
Tgt Ion: 92 Resp: 162421
Ion Ratio Lower Upper
92 100
91 170.7 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 22.251 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

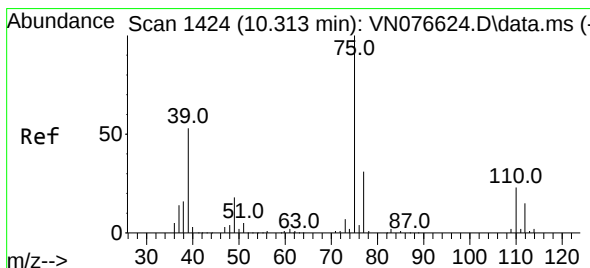
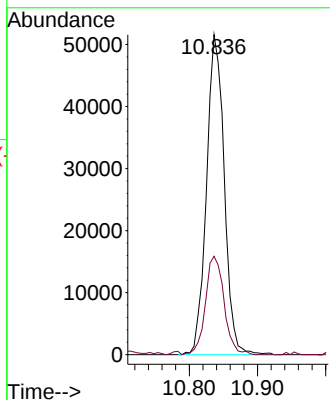
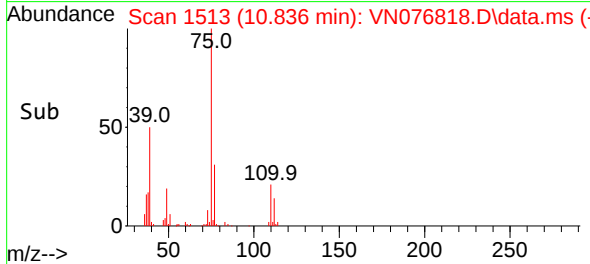
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 75 Resp: 9348
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

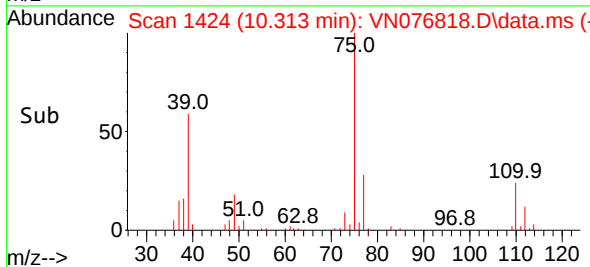
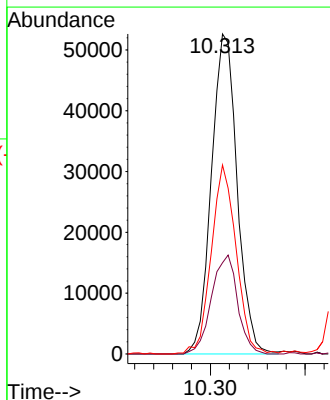
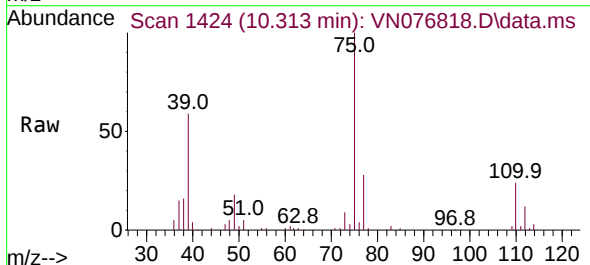
Manual Integrations
APPROVED

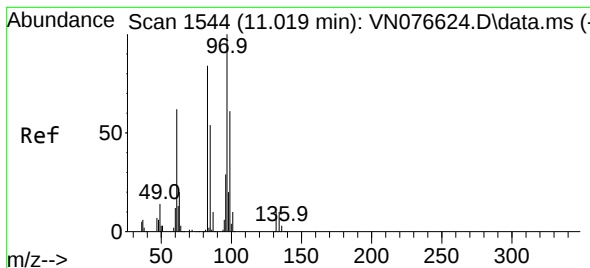
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#54
cis-1,3-Dichloropropene
Concen: 20.535 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

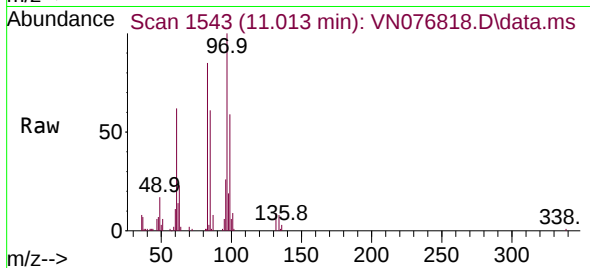
Tgt Ion: 75 Resp: 99510
Ion Ratio Lower Upper
75 100
77 28.5 25.1 37.7
39 58.8 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 20.894 ug/l
RT: 11.013 min Scan# 1544
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

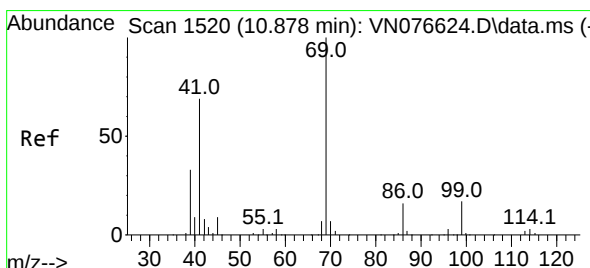
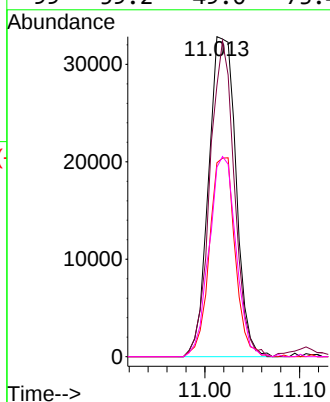
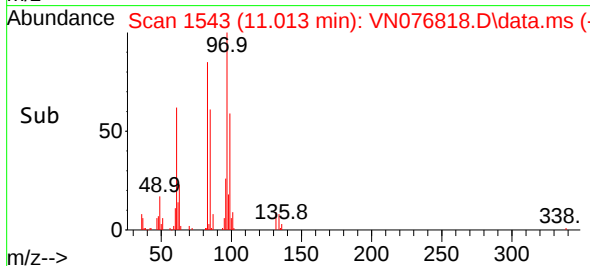


Tgt Ion: 97 Resp: 65802

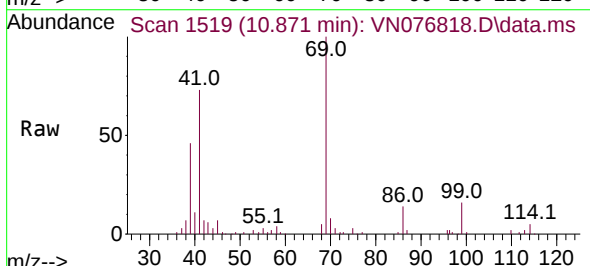
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.3	100.9
85	60.6	43.2	64.8
99	59.2	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

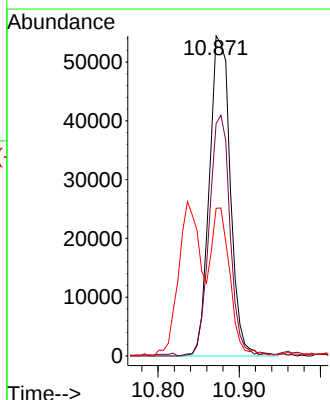
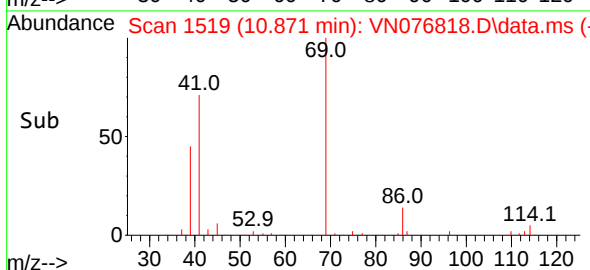


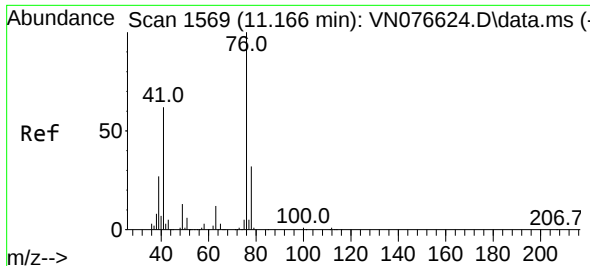
#56
Ethyl methacrylate
Concen: 22.017 ug/l
RT: 10.871 min Scan# 1519
Delta R.T. -0.007 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion: 69 Resp: 97599

Ion	Ratio	Lower	Upper
69	100		
41	75.0	55.1	82.7
39	40.1	30.7	46.1





#57

1,3-Dichloropropane

Concen: 21.083 ug/l

RT: 11.166 min Scan# 11407

Delta R.T. -0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 76 Resp: 11407

Ion Ratio Lower Upper

76 100

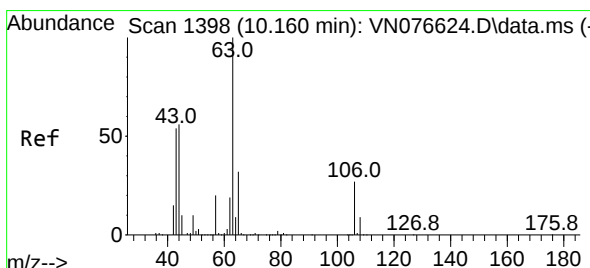
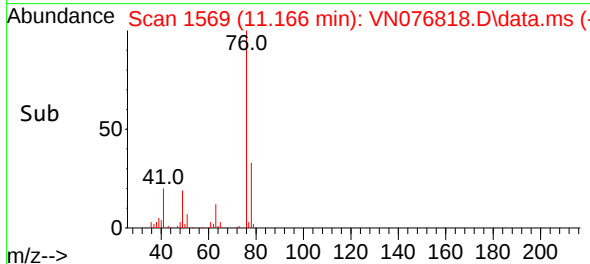
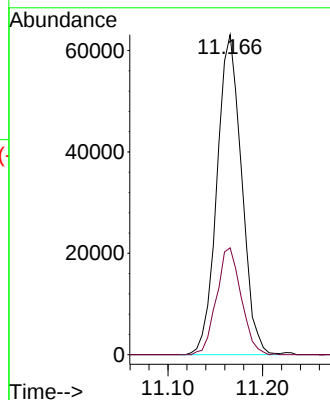
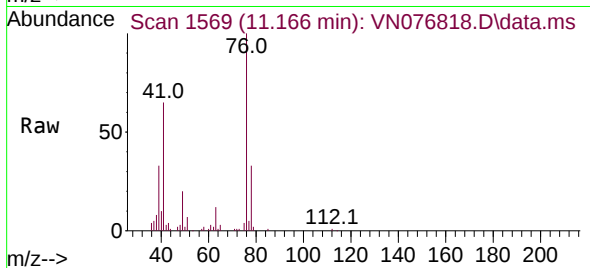
78 33.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 93.533 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076818.D

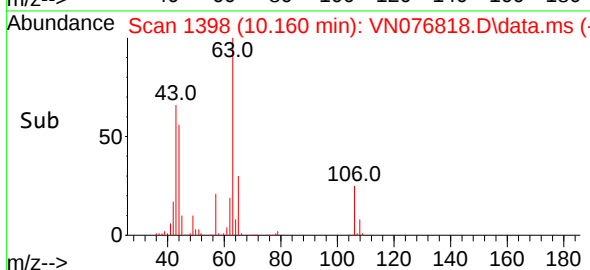
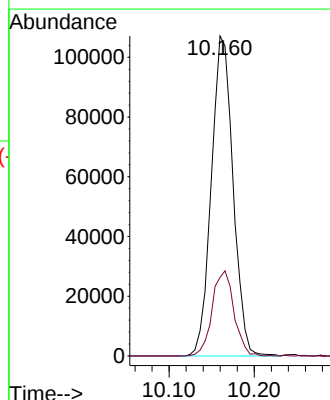
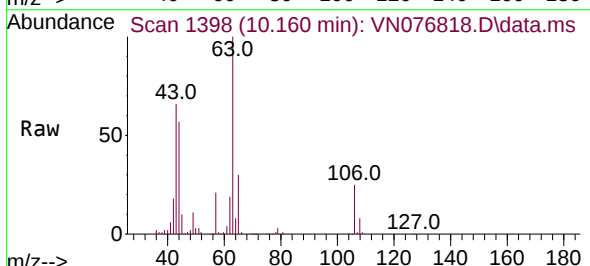
Acq: 27 Feb 2023 11:38

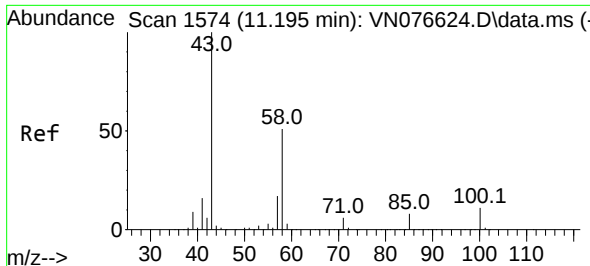
Tgt Ion: 63 Resp: 189890

Ion Ratio Lower Upper

63 100

106 26.7 22.3 33.5





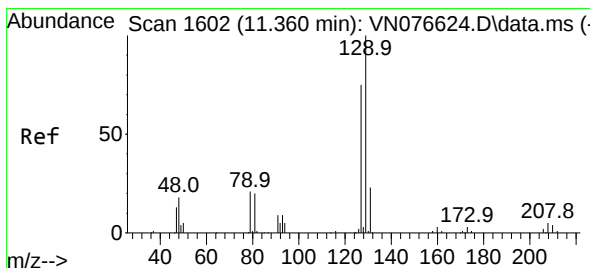
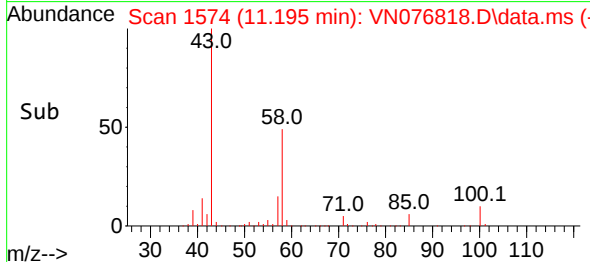
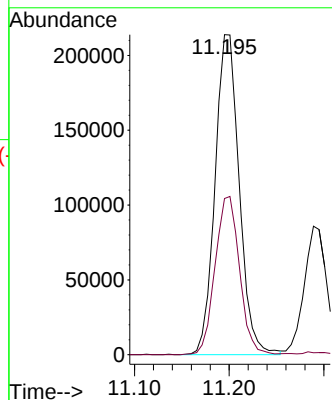
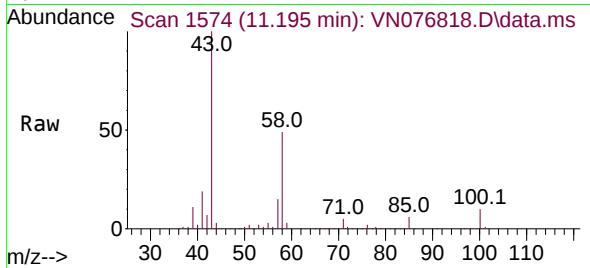
#59
2-Hexanone
Concen: 115.790 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 43 Resp: 379902
Ion Ratio Lower Upper
43 100
58 49.9 25.4 76.0

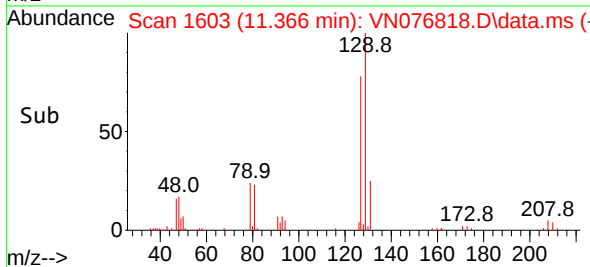
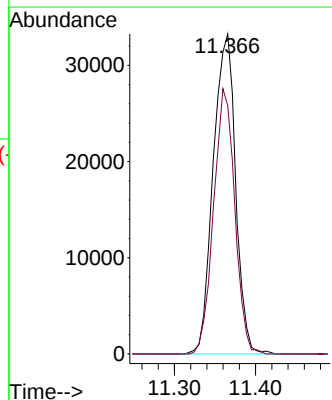
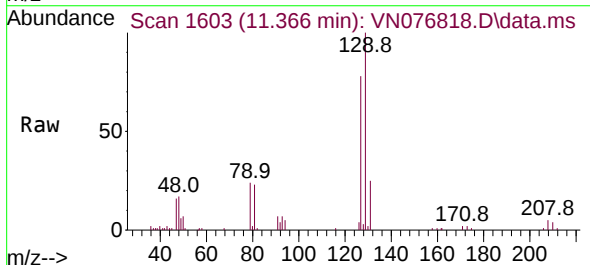
Manual Integrations
APPROVED

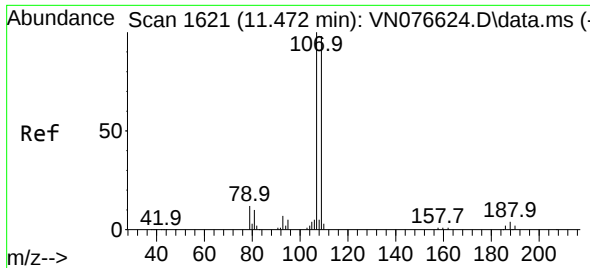
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
Dibromochloromethane
Concen: 19.173 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion:129 Resp: 63640
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





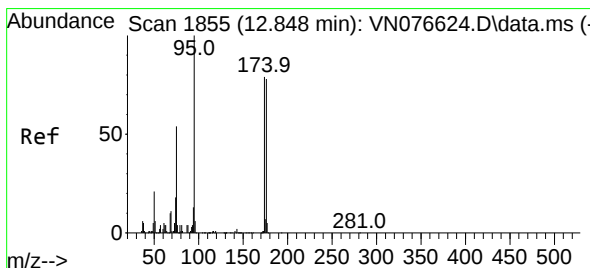
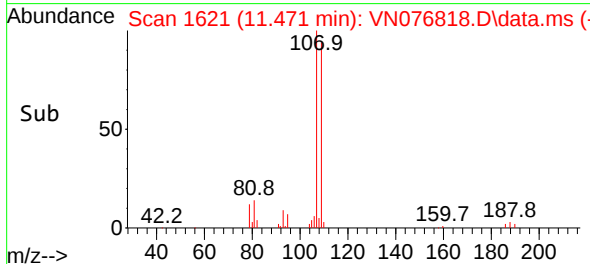
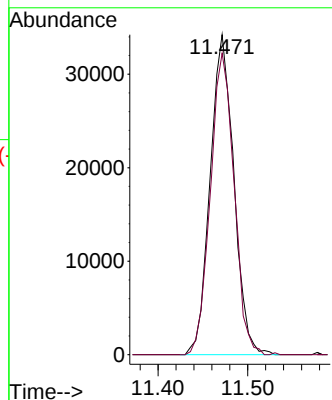
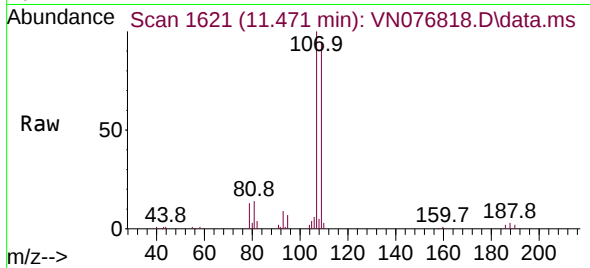
#61
1,2-Dibromoethane
Concen: 19.889 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:107 Resp: 6269
Ion Ratio Lower Upper
107 100
109 94.2 76.8 115.2

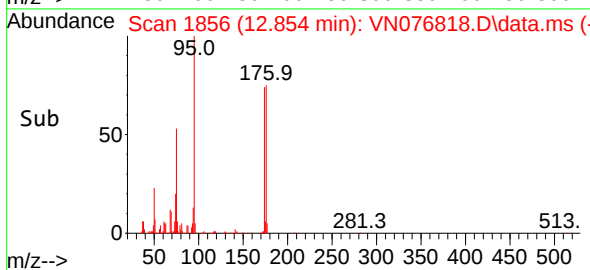
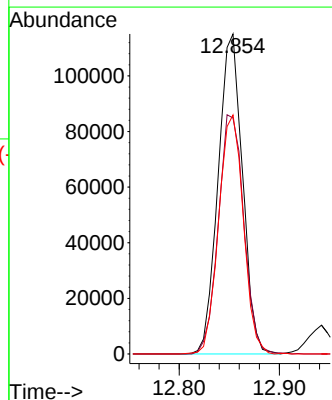
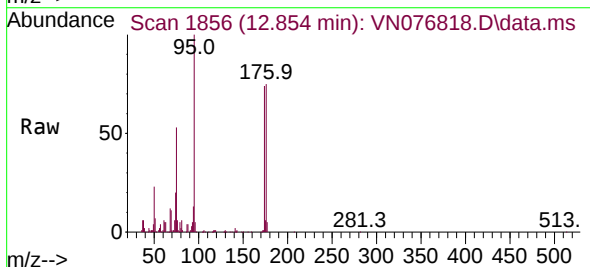
Manual Integrations
APPROVED

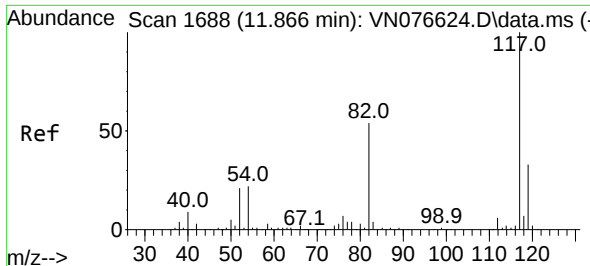
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
4-Bromofluorobenzene
Concen: 54.307 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

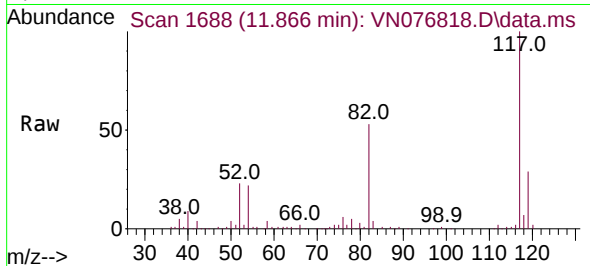
Tgt Ion: 95 Resp: 194210
Ion Ratio Lower Upper
95 100
174 78.3 0.0 169.2
176 75.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

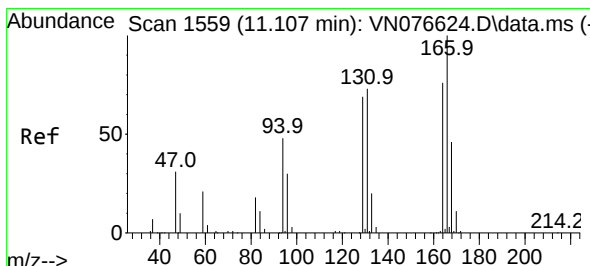
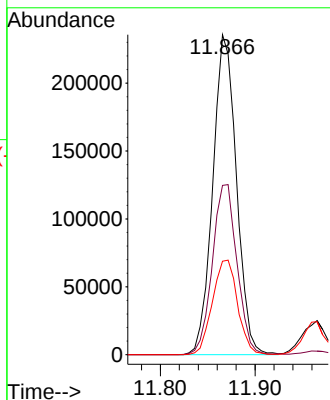
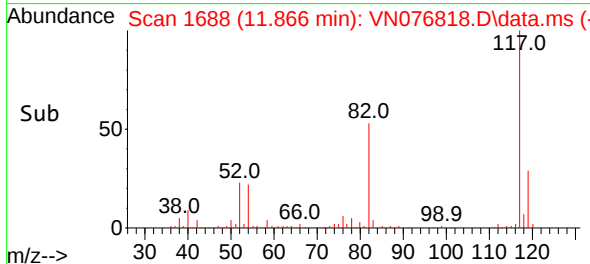
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



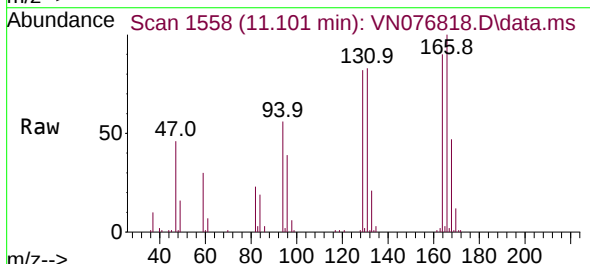
Tgt Ion:117 Resp: 40941
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.2
119 29.2 26.1 39.1

Manual Integrations
APPROVED

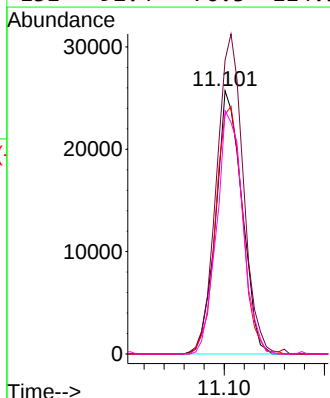
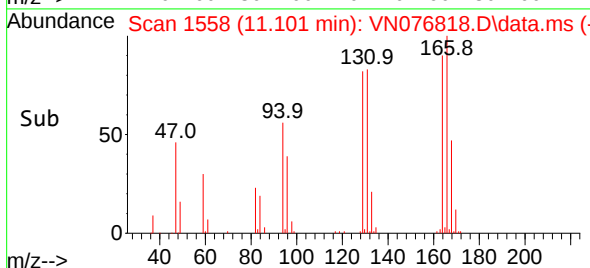
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

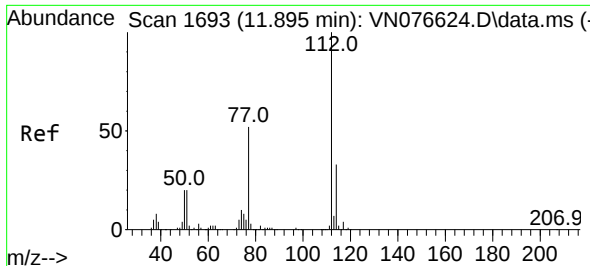


#64
Tetrachloroethene
Concen: 18.124 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



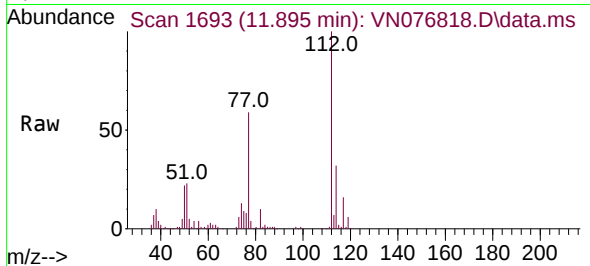
Tgt Ion:164 Resp: 46763
Ion Ratio Lower Upper
164 100
166 111.6 104.8 157.2
129 91.0 72.2 108.2
131 92.4 76.3 114.5





#65
Chlorobenzene
Concen: 19.375 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

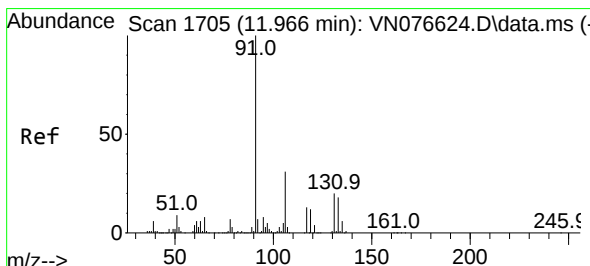
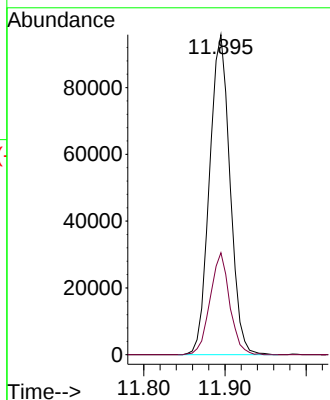
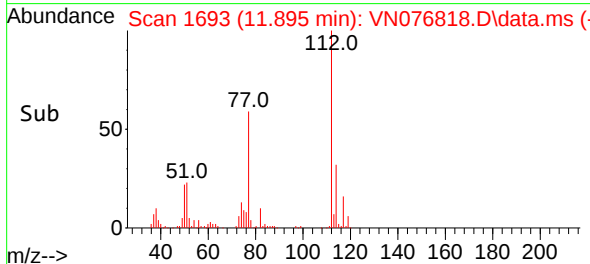
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



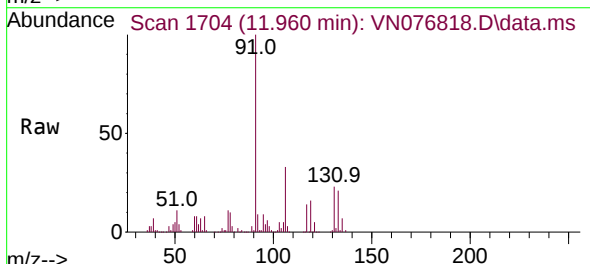
Tgt Ion:112 Resp: 16811
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6

Manual Integrations
APPROVED

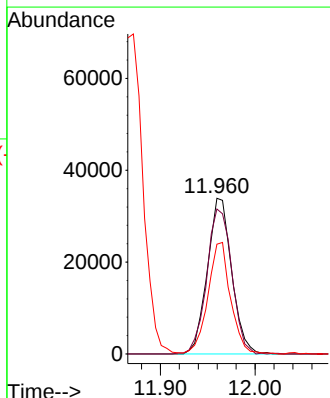
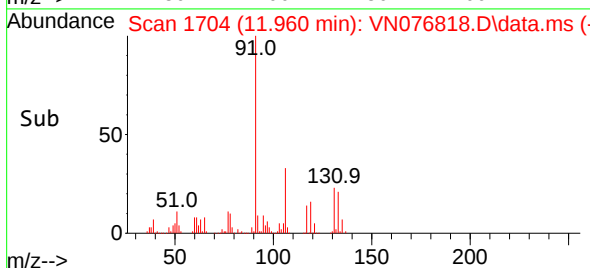
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

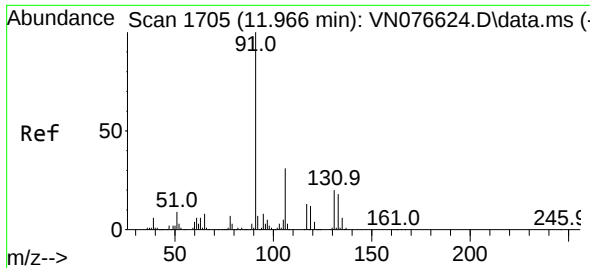


#66
1,1,1,2-Tetrachloroethane
Concen: 19.228 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



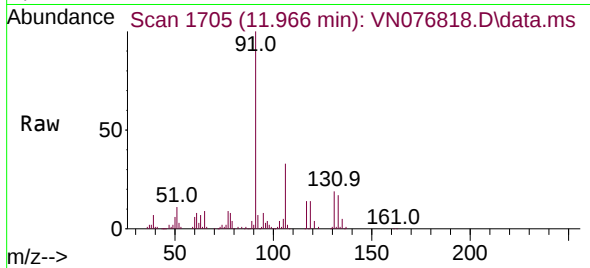
Tgt Ion:131 Resp: 60599
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.0
119 66.6 32.3 96.8





#67
Ethyl Benzene
Concen: 19.823 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

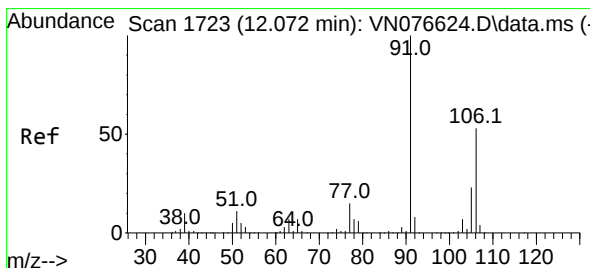
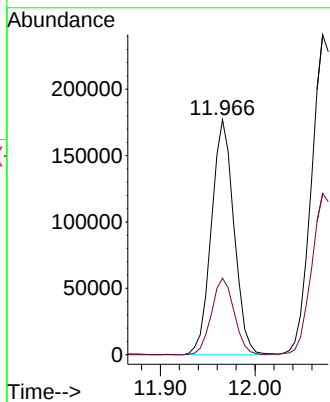
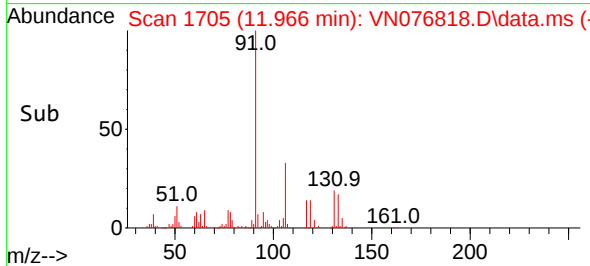
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



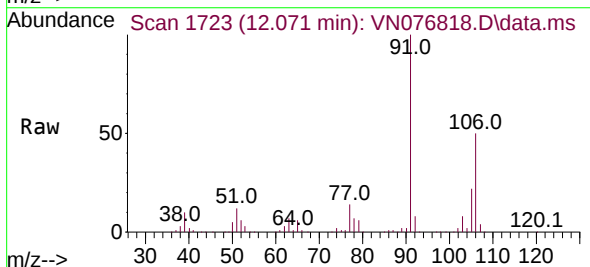
Tgt Ion: 91 Resp: 293020
Ion Ratio Lower Upper
91 100
106 32.6 25.1 37.7

Manual Integrations
APPROVED

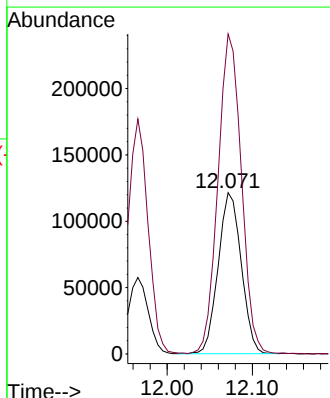
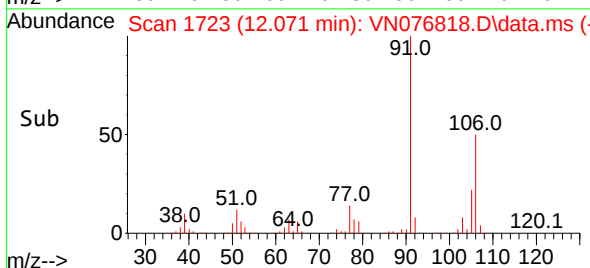
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

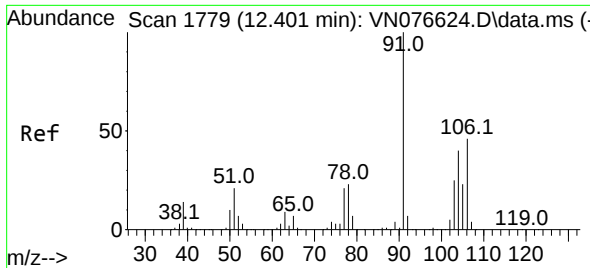


#68
m/p-Xylenes
Concen: 40.065 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion:106 Resp: 228284
Ion Ratio Lower Upper
106 100
91 201.7 154.7 232.1





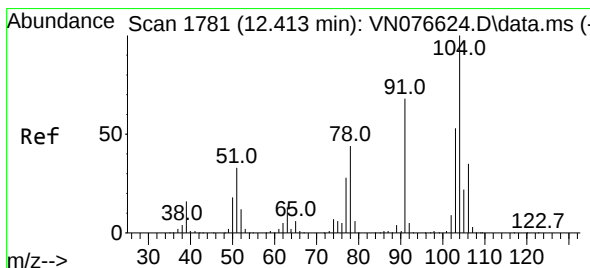
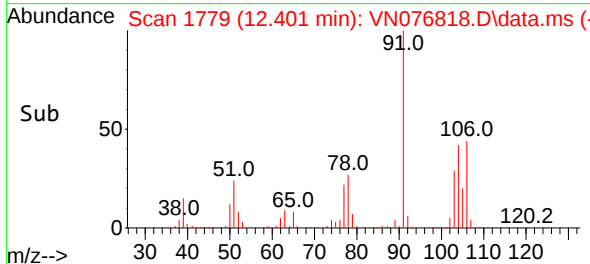
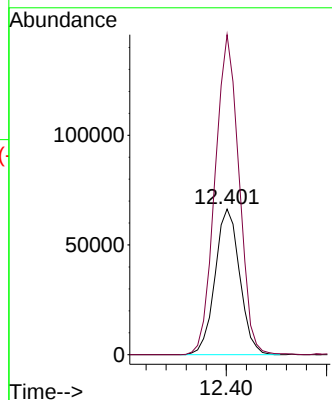
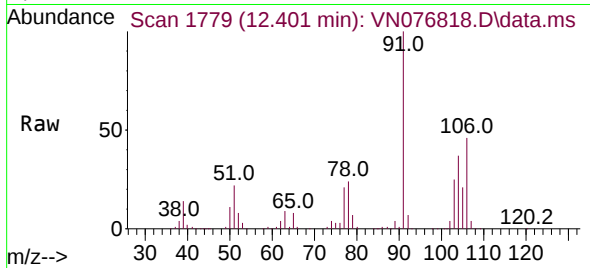
#69
o-Xylene
Concen: 20.393 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:106 Resp: 11332
Ion Ratio Lower Upper
106 100
91 214.1 105.8 317.4

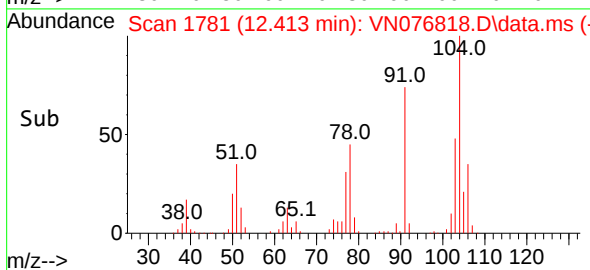
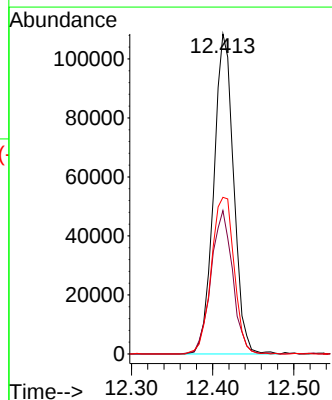
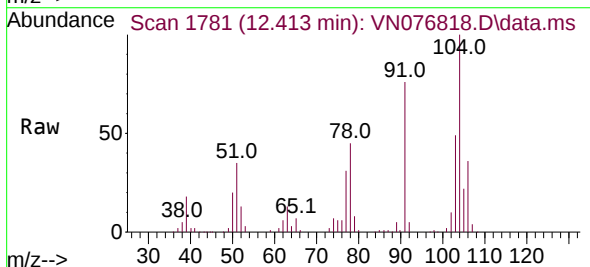
Manual Integrations
APPROVED

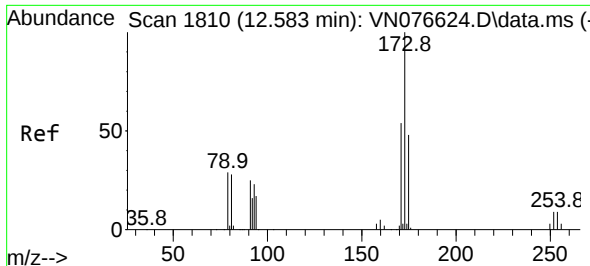
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 20.597 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

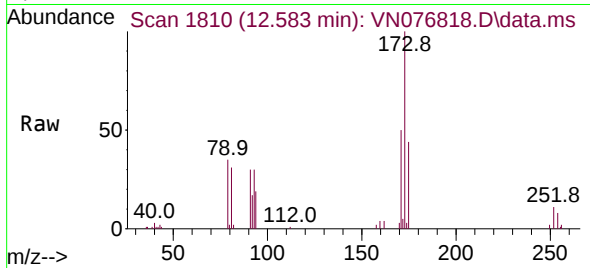
Tgt Ion:104 Resp: 185086
Ion Ratio Lower Upper
104 100
78 48.6 38.2 57.4
103 56.1 44.2 66.4





#71
Bromoform
Concen: 19.414 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

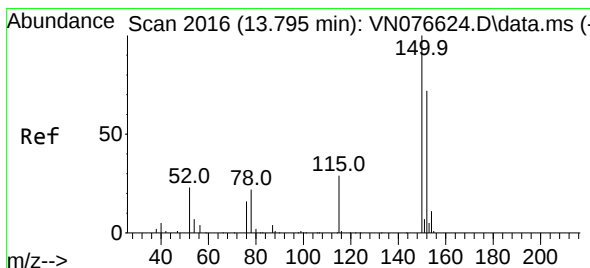
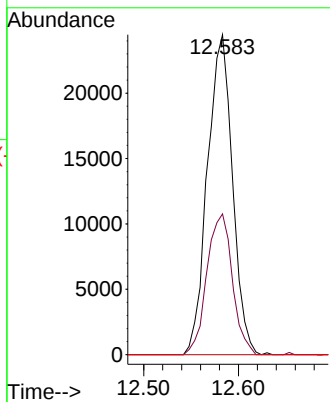
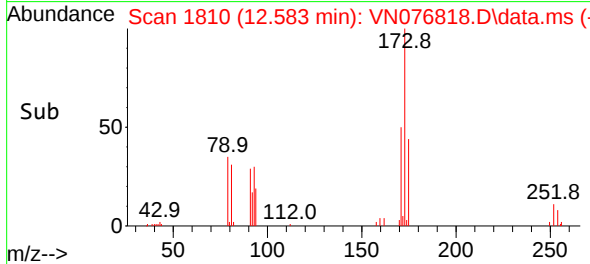
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



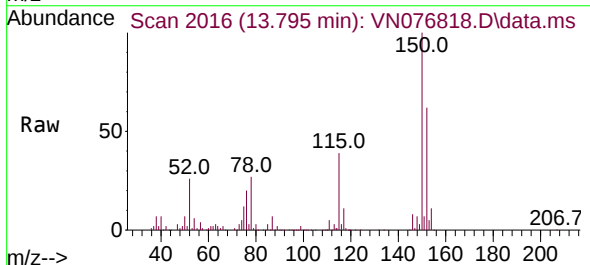
Tgt Ion:173 Resp: 4488
Ion Ratio Lower Upper
173 100
175 44.8 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

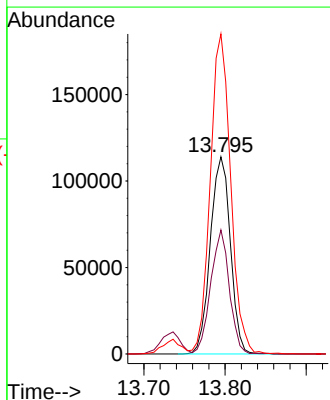
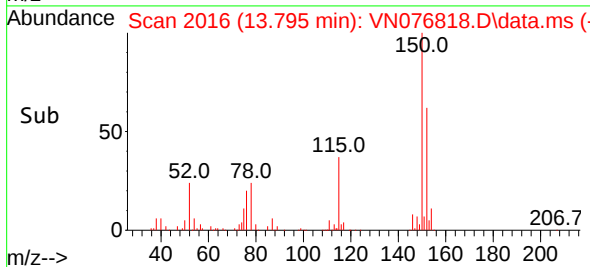
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

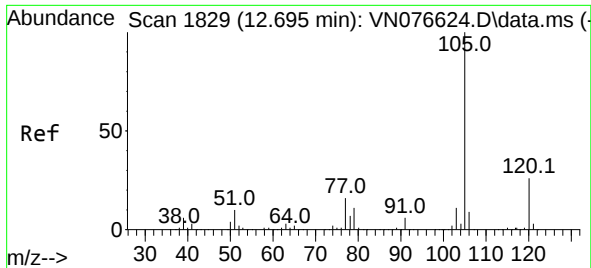


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion:152 Resp: 195455
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 165.2 0.0 349.8





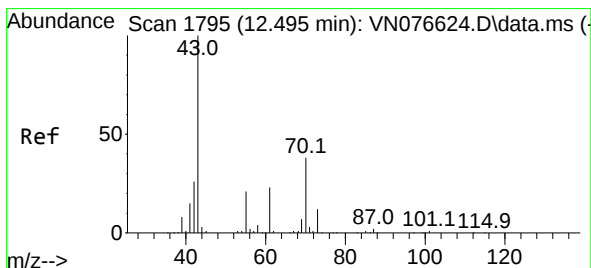
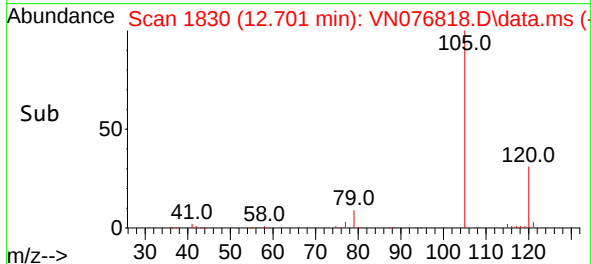
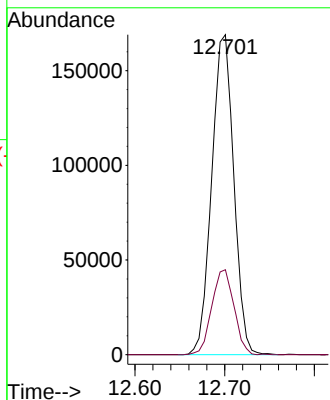
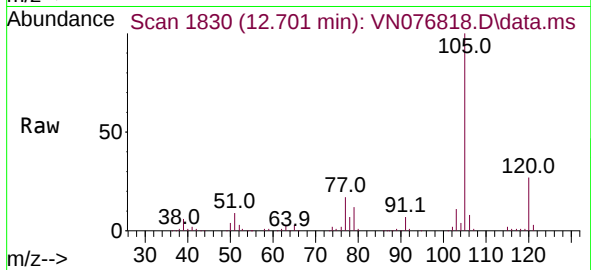
#73
Isopropylbenzene
Concen: 20.154 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:105 Resp: 28873
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0

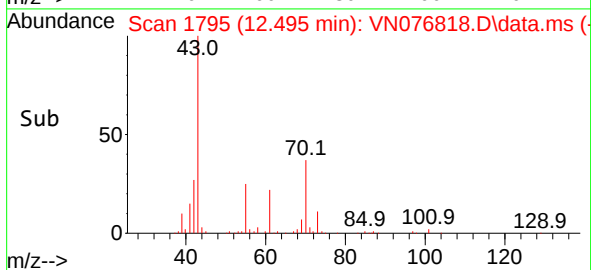
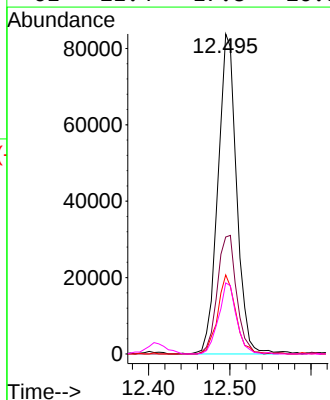
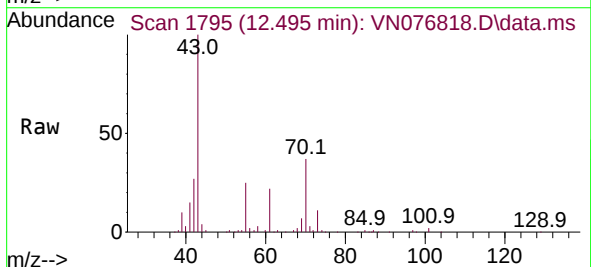
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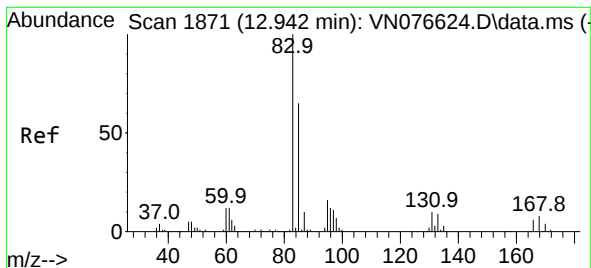
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 20.767 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion: 43 Resp: 134104
Ion Ratio Lower Upper
43 100
70 38.3 30.5 45.7
55 24.1 17.8 26.8
61 21.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.749 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

Tgt Ion: 83 Resp: 10241

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

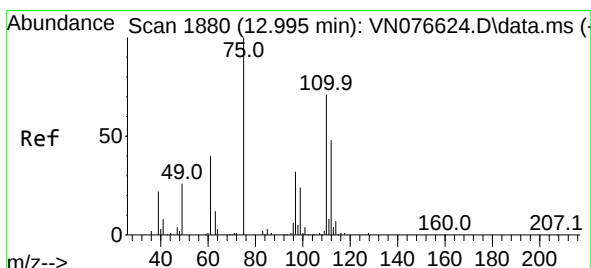
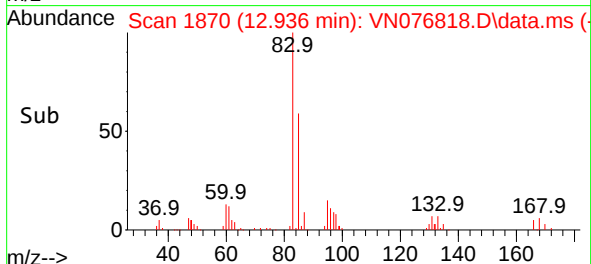
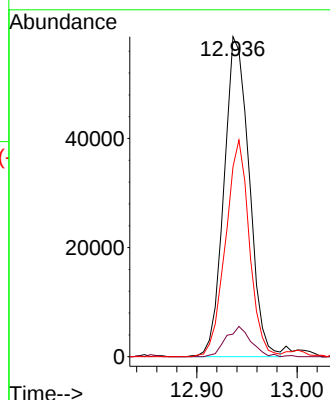
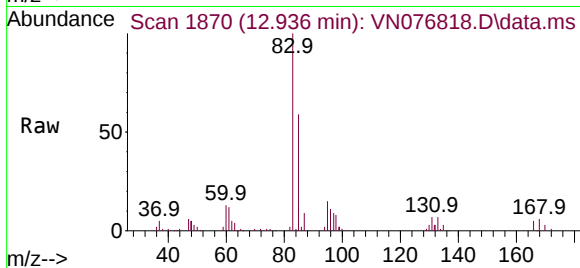
85 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#76

1,2,3-Trichloropropane

Concen: 21.930 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076818.D

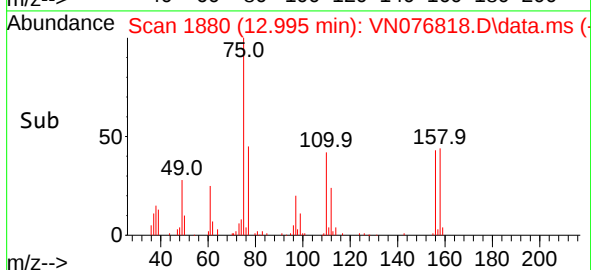
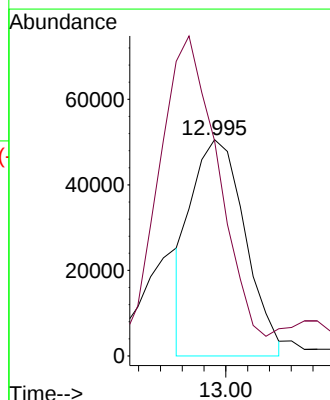
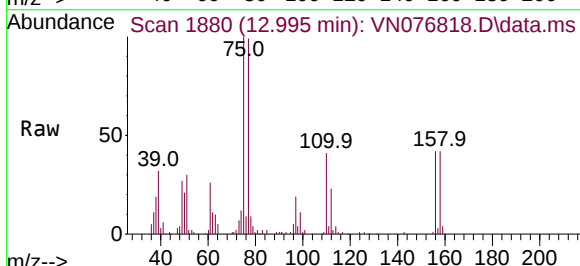
Acq: 27 Feb 2023 11:38

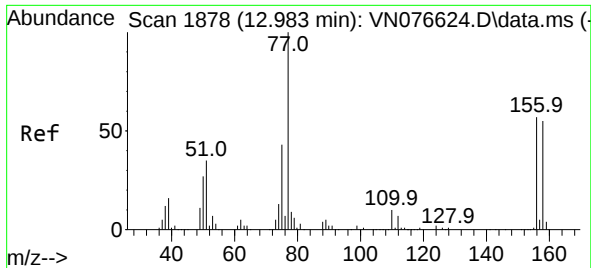
Tgt Ion: 75 Resp: 86656

Ion Ratio Lower Upper

75 100

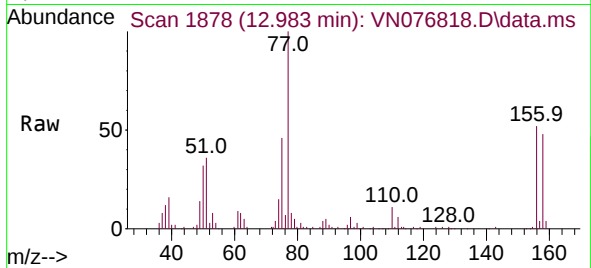
77 169.3 93.1 279.3





#77
Bromobenzene
Concen: 18.812 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

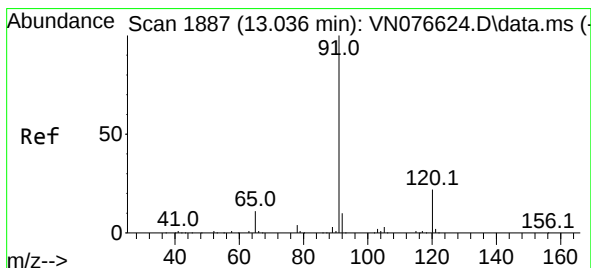
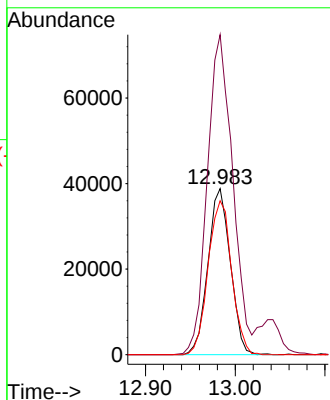
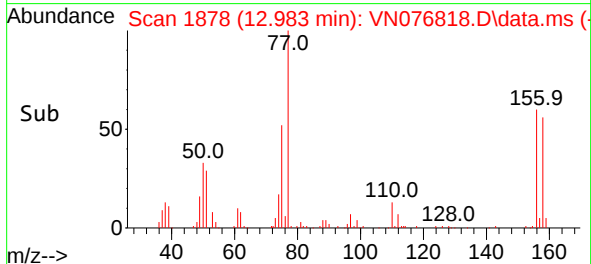
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:156 Resp: 6724
Ion Ratio Lower Upper
156 100
77 218.1 102.8 308.4
158 97.3 48.9 146.6

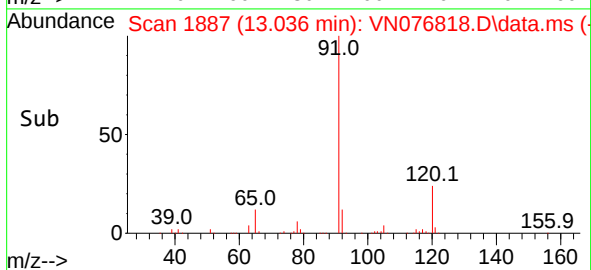
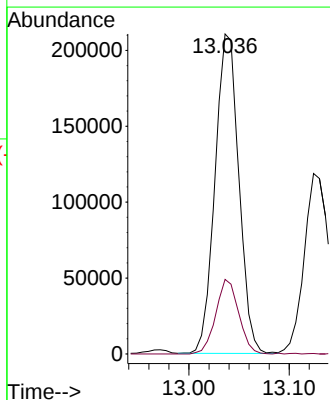
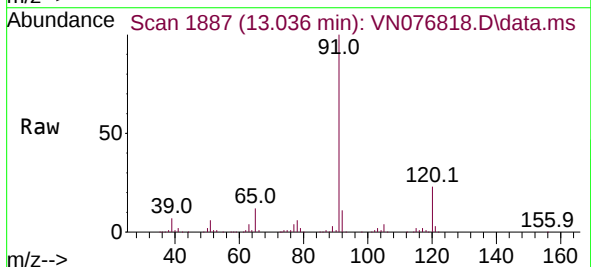
Manual Integrations
APPROVED

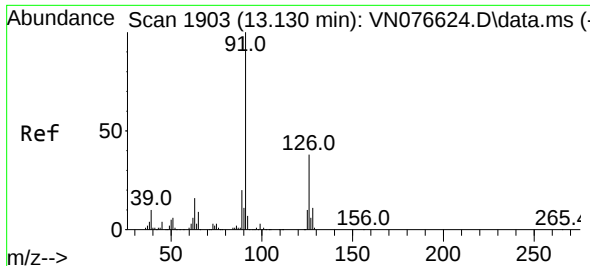
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#78
n-propylbenzene
Concen: 20.574 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion: 91 Resp: 346112
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5





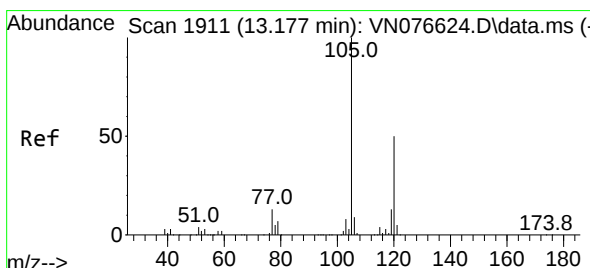
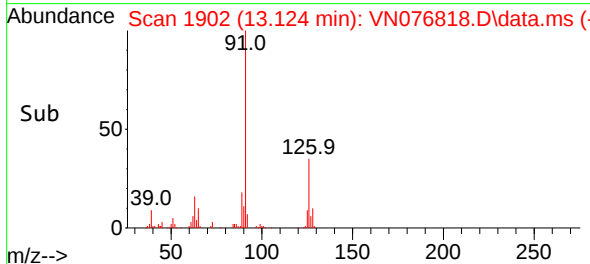
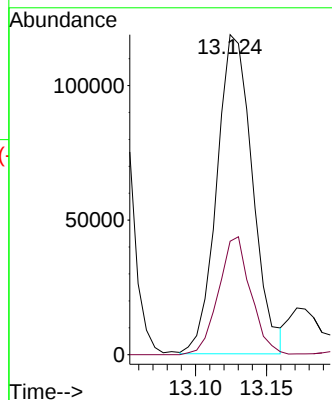
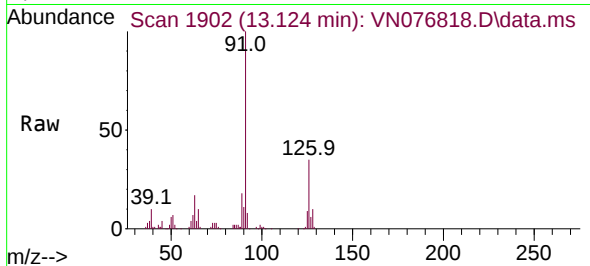
#79
2-Chlorotoluene
Concen: 20.166 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion: 91 Resp: 207714
Ion Ratio Lower Upper
91 100
126 33.5 17.7 53.1

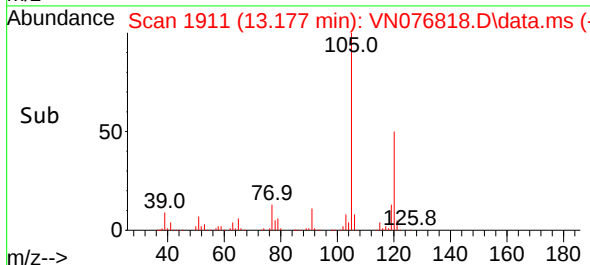
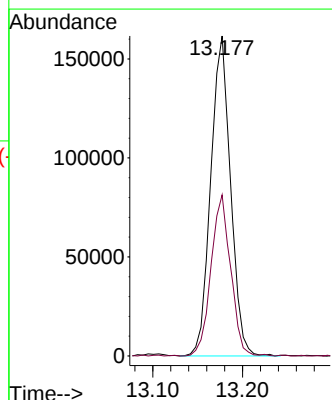
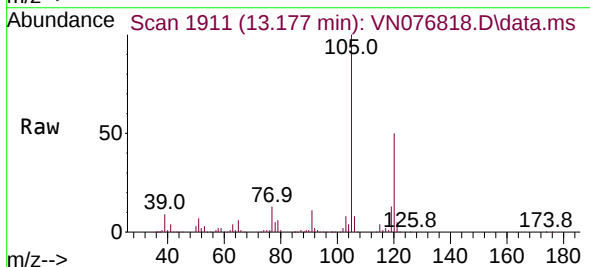
Manual Integrations
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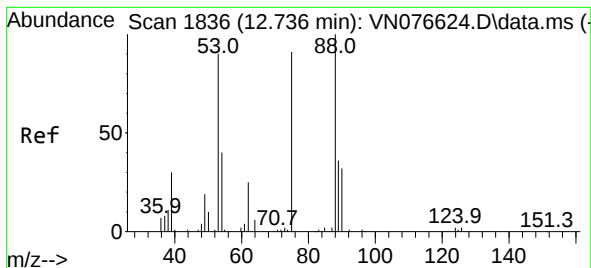
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.940 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

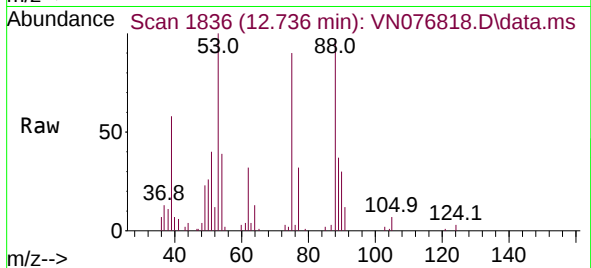
Tgt Ion:105 Resp: 247918
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.020 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

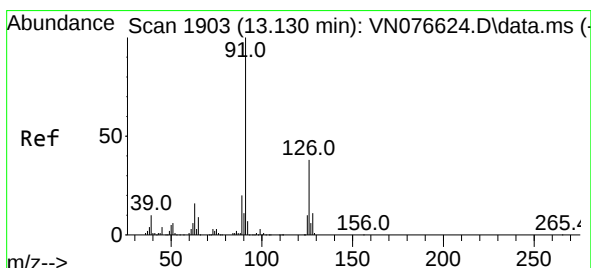
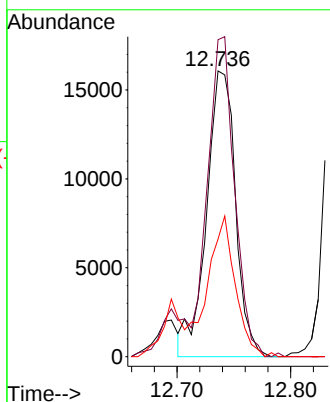
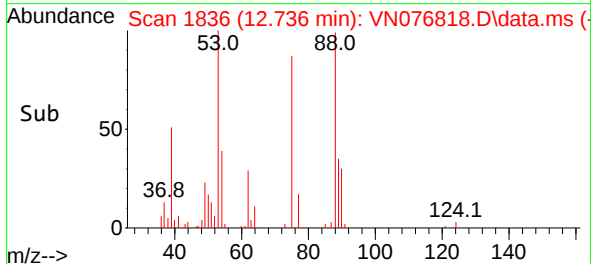
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 75 Resp: 28518
Ion Ratio Lower Upper
75 100
53 103.2 92.1 138.1
89 47.3 37.5 56.3

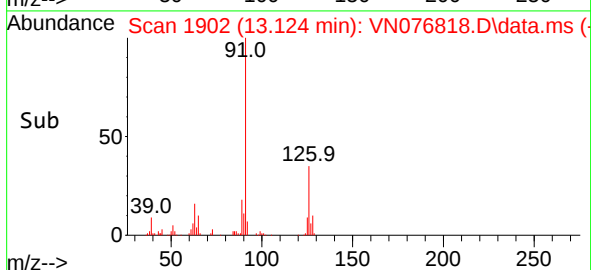
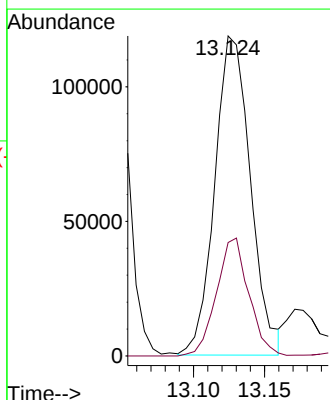
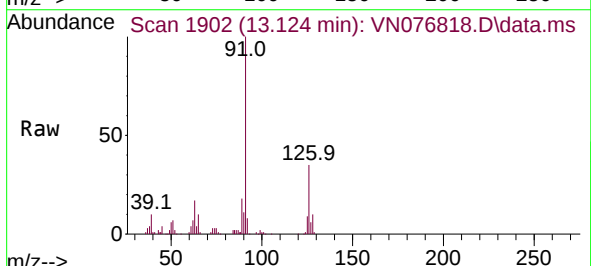
Manual Integrations
APPROVED

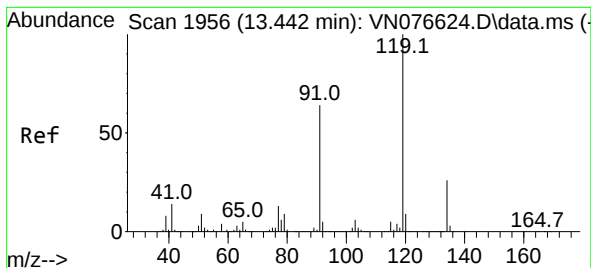
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
4-Chlorotoluene
Concen: 20.166 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion: 91 Resp: 207714
Ion Ratio Lower Upper
91 100
126 33.5 17.7 53.1





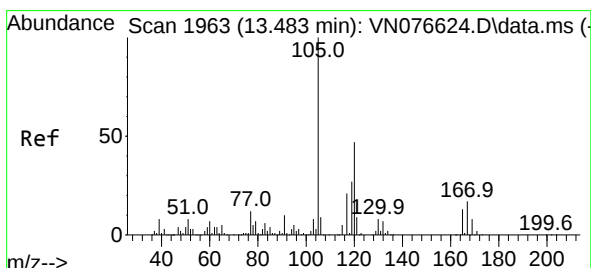
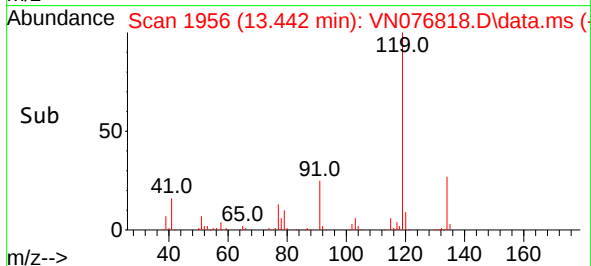
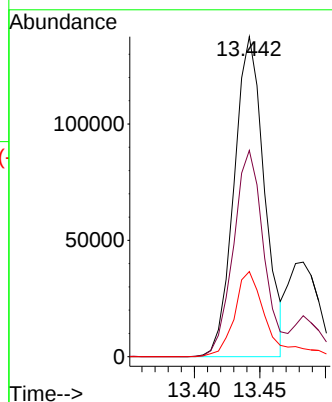
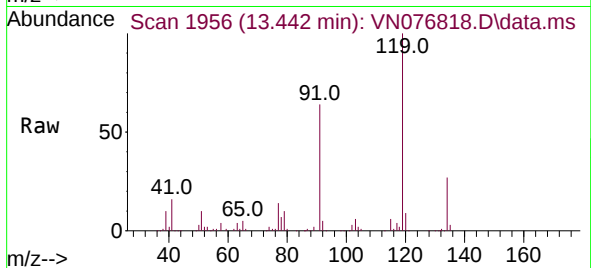
#83
tert-Butylbenzene
Concen: 20.664 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01

Tgt Ion:119 Resp: 221320
Ion Ratio Lower Upper
119 100
91 65.6 32.0 96.2
134 28.1 13.8 41.4

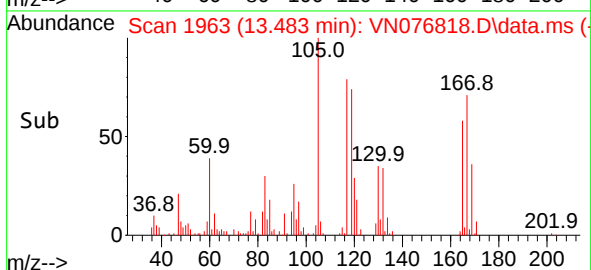
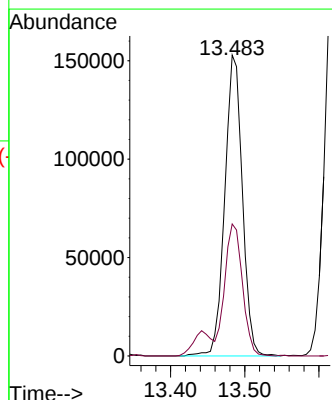
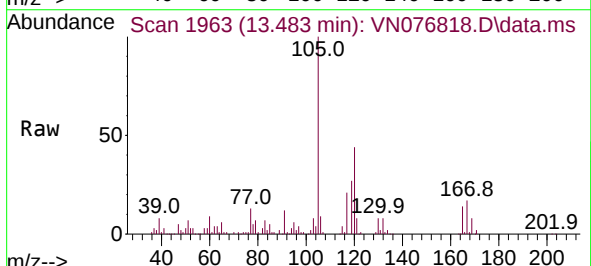
Manual Integrations
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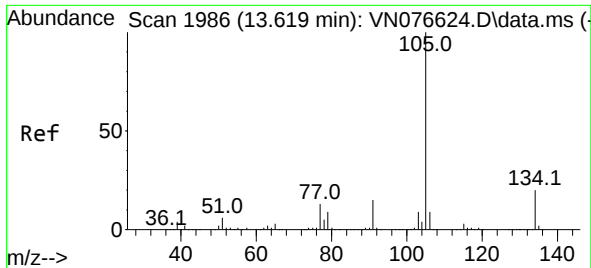
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.362 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

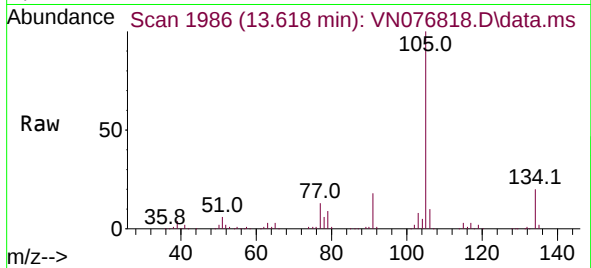
Tgt Ion:105 Resp: 252066
Ion Ratio Lower Upper
105 100
120 43.9 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.819 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38

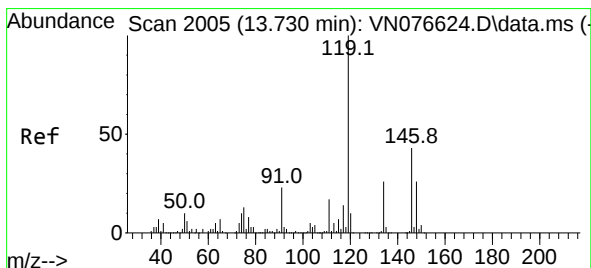
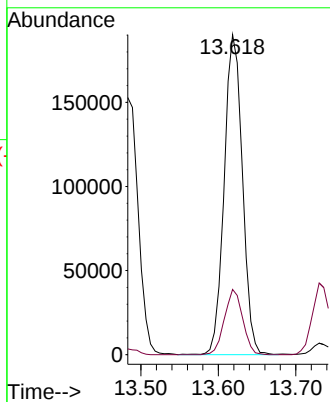
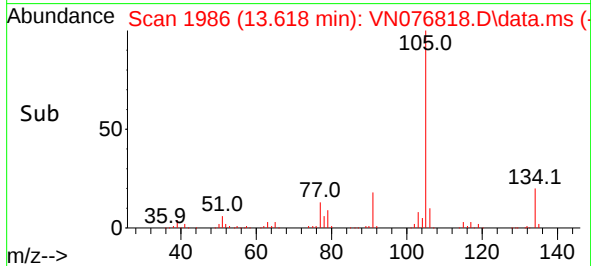
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBSD01



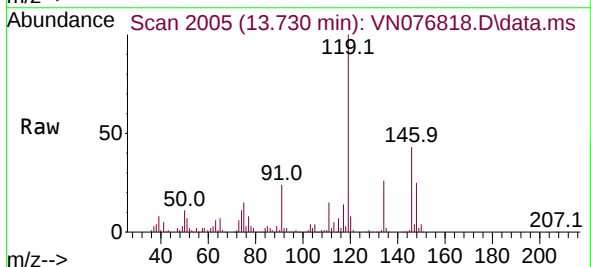
Tgt Ion:105 Resp: 311314
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5

Manual Integrations
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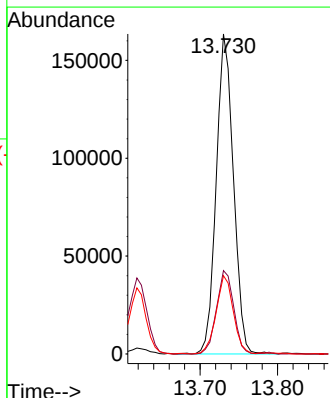
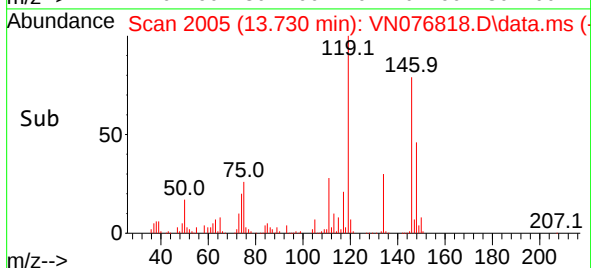
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

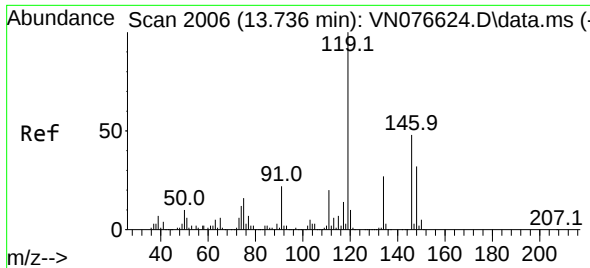


#86
 p-Isopropyltoluene
 Concen: 21.115 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076818.D
 Acq: 27 Feb 2023 11:38



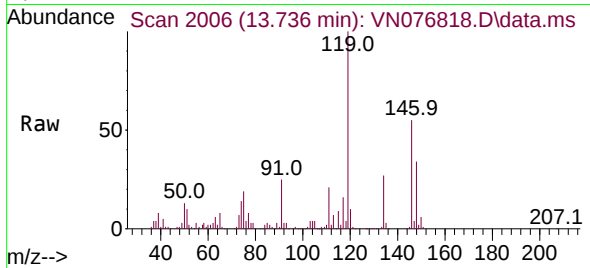
Tgt Ion:119 Resp: 252133
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.1
 91 24.5 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 19.940 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

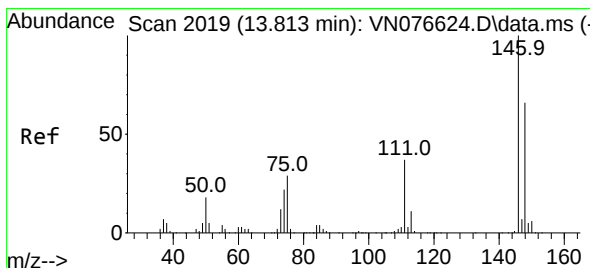
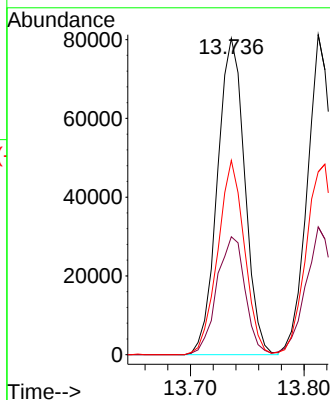
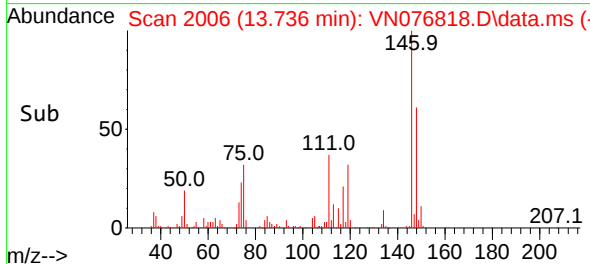
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:146 Resp: 134720
Ion Ratio Lower Upper
146 100
111 38.5 19.8 59.4
148 59.8 32.0 96.2

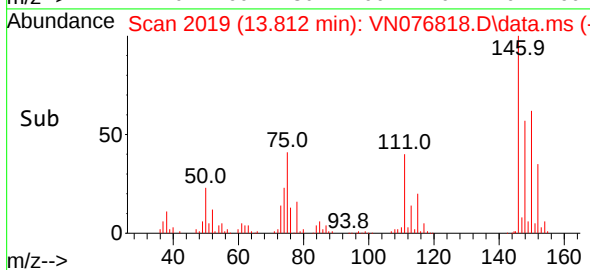
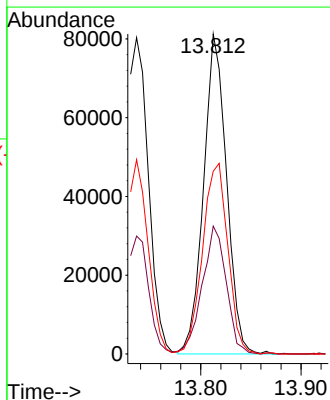
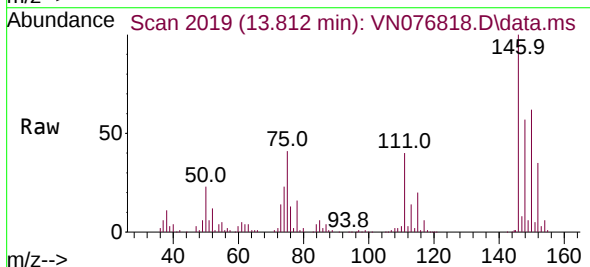
Manual Integrations
APPROVED

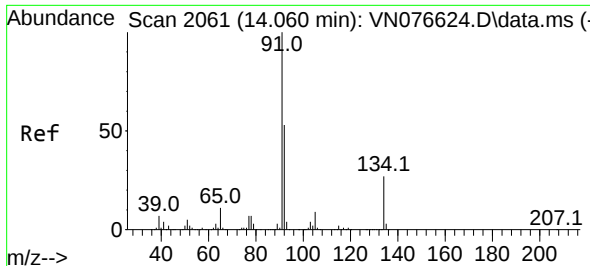
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#88
1,4-Dichlorobenzene
Concen: 19.274 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

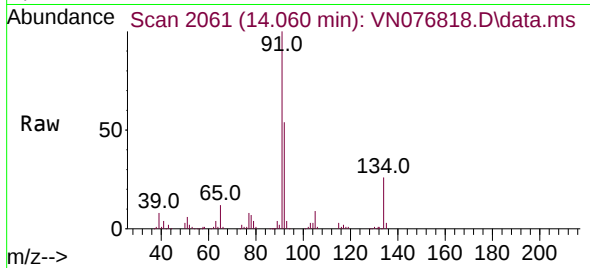
Tgt Ion:146 Resp: 129680
Ion Ratio Lower Upper
146 100
111 41.8 19.4 58.1
148 65.7 32.7 98.1





#89
n-Butylbenzene
Concen: 20.280 ug/l
RT: 14.060 min Scan# 2106
Delta R.T. -0.001 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

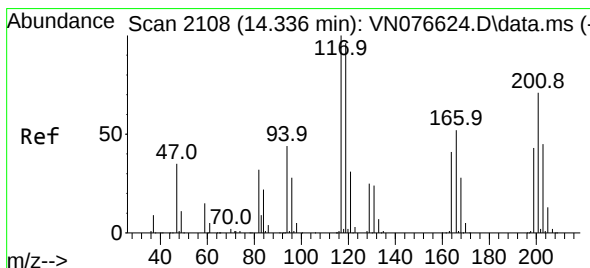
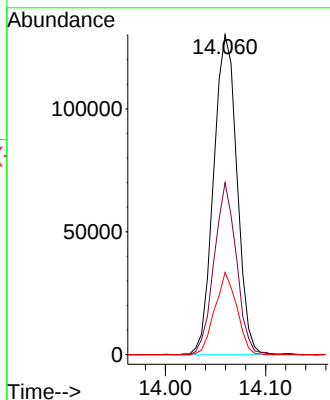
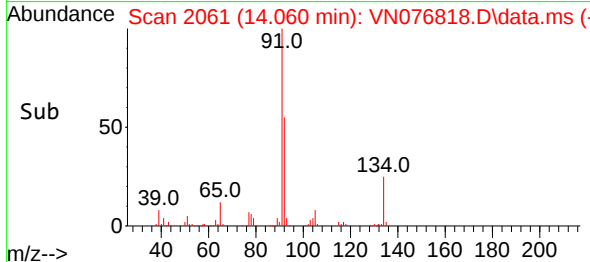
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion: 91 Resp: 210610
Ion Ratio Lower Upper
91 100
92 51.3 26.4 79.0
134 24.2 13.2 39.5

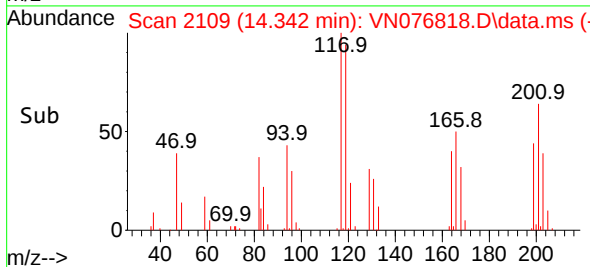
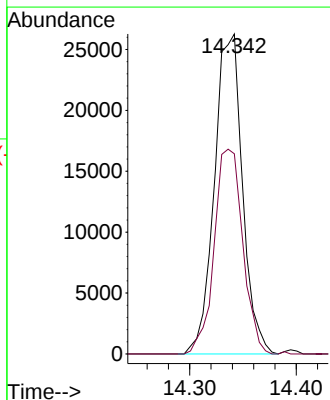
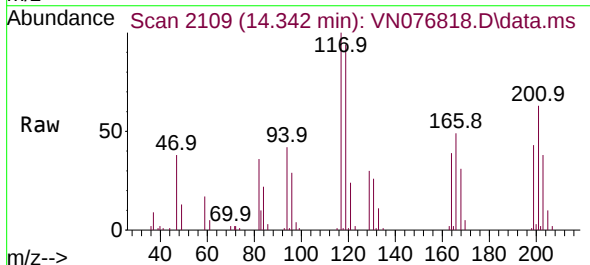
Manual Integrations
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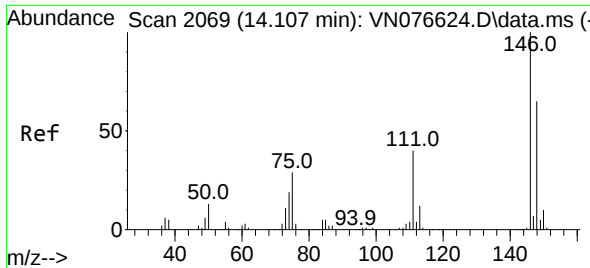
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 19.202 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

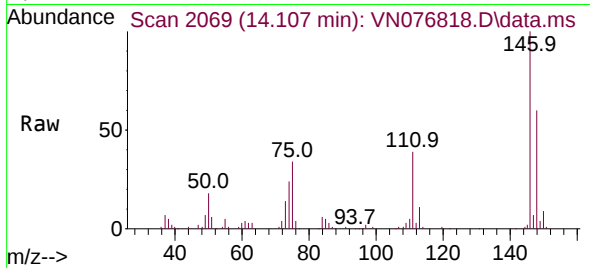
Tgt Ion:117 Resp: 48010
Ion Ratio Lower Upper
117 100
201 65.2 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 19.702 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

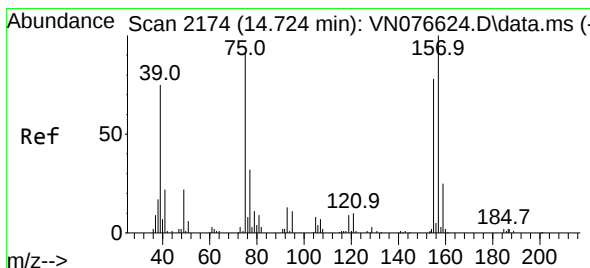
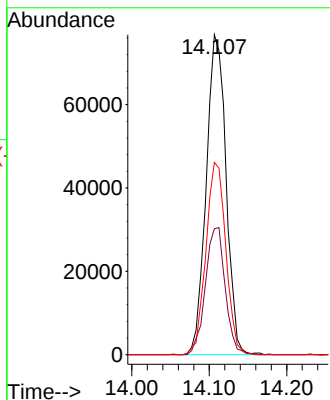
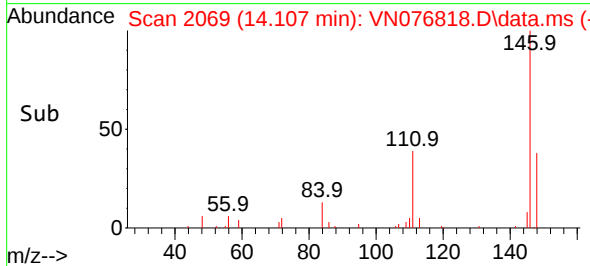
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



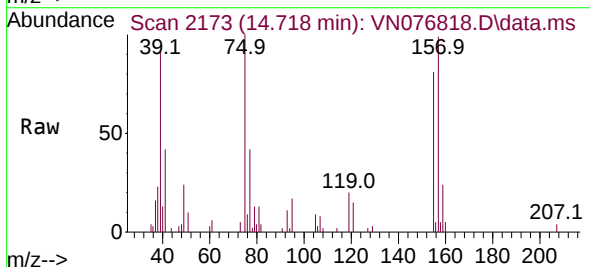
Tgt Ion:146 Resp: 136472
Ion Ratio Lower Upper
146 100
111 39.7 20.0 59.9
148 60.3 32.4 97.2

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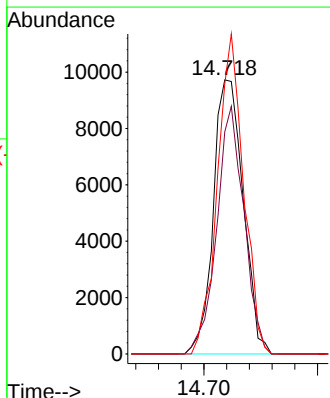
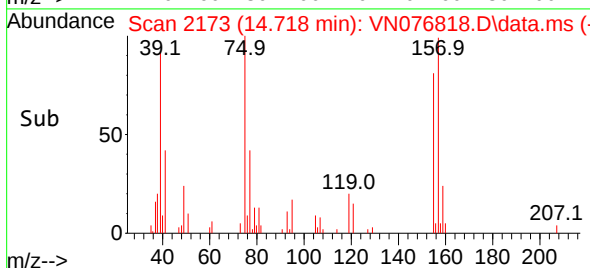
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

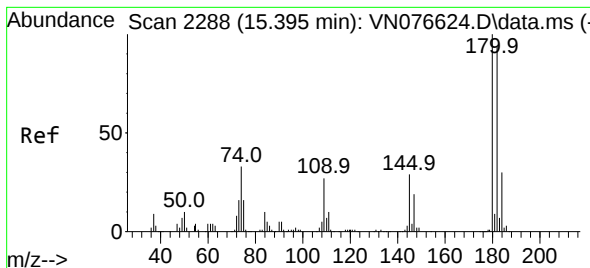


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.639 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38



Tgt Ion: 75 Resp: 17721
Ion Ratio Lower Upper
75 100
155 82.8 43.4 130.2
157 102.5 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 18.127 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBSD01

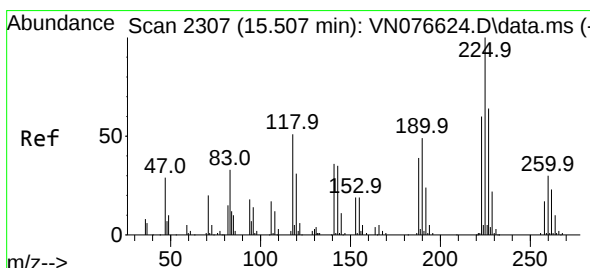
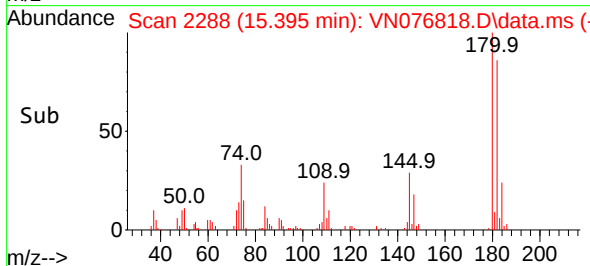
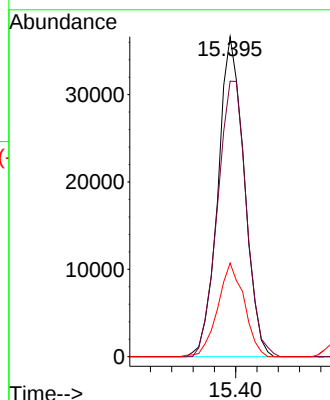
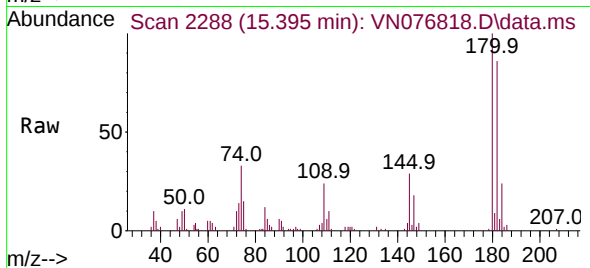
Tgt Ion:180 Resp: 6263
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.0 144.0
 145 29.5 15.2 45.6

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#94

Hexachlorobutadiene

Concen: 17.365 ug/l

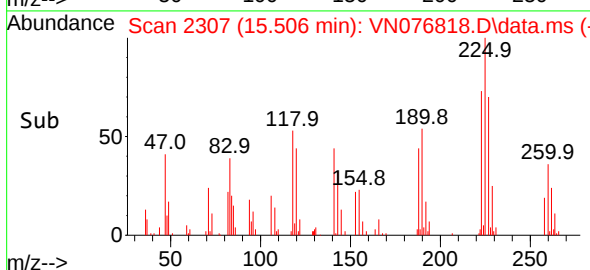
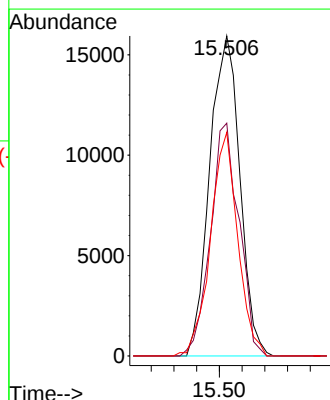
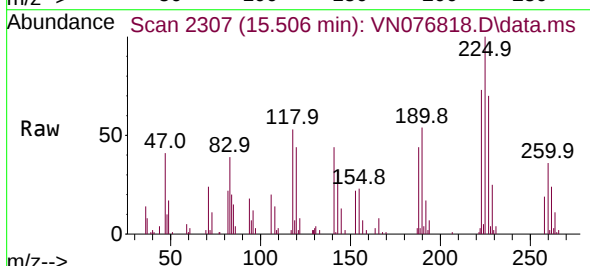
RT: 15.506 min Scan# 2307

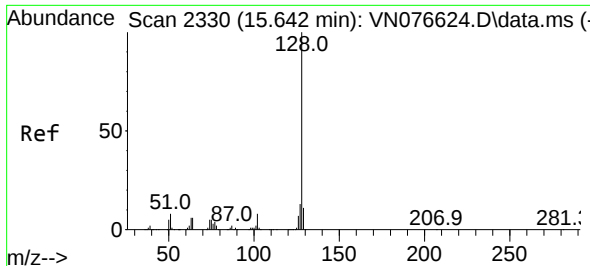
Delta R.T. -0.001 min

Lab File: VN076818.D

Acq: 27 Feb 2023 11:38

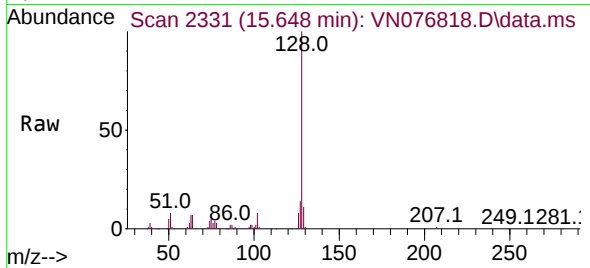
Tgt Ion:225 Resp: 29406
 Ion Ratio Lower Upper
 225 100
 223 68.9 31.6 95.0
 227 63.2 31.3 93.9





#95
Naphthalene
Concen: 18.977 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

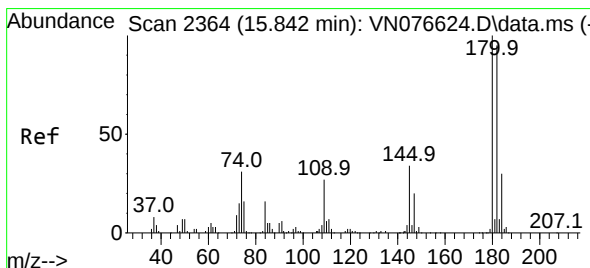
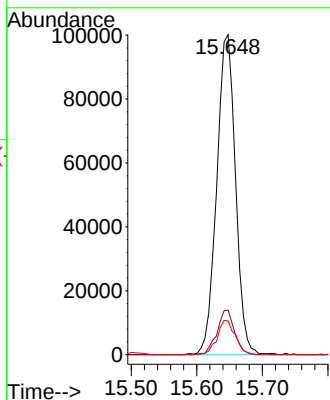
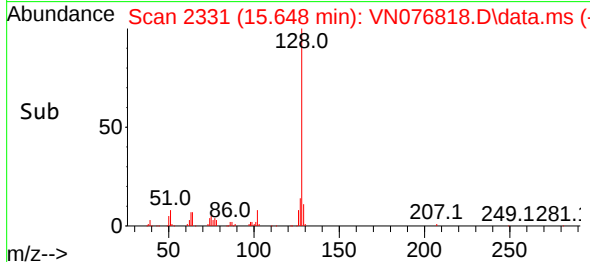
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBSD01



Tgt Ion:128 Resp: 198974
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.3 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.413 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076818.D
Acq: 27 Feb 2023 11:38

Tgt Ion:180 Resp: 61637
Ion Ratio Lower Upper
180 100
182 97.8 46.7 140.1
145 30.9 16.0 47.9

