

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076528.D
 Acq On : 03 Feb 2023 13:24
 Operator : JC\MD
 Sample : VN0203WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 22:15:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	489551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	815236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	729225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	341212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	286514	52.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.540%			
35) Dibromofluoromethane	8.171	113	250396	49.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	10.571	98	907818	48.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.847	95	338491	55.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81619	16.269	ug/l	98
3) Chloromethane	2.377	50	82613	15.905	ug/l	94
4) Vinyl Chloride	2.530	62	77099	12.105	ug/l	99
5) Bromomethane	2.971	94	63008	12.081	ug/l	97
6) Chloroethane	3.136	64	53624	11.228	ug/l	98
7) Trichlorofluoromethane	3.512	101	156675	17.881	ug/l	92
8) Diethyl Ether	3.971	74	58605	19.941	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	90587	18.262	ug/l	98
10) Methyl Iodide	4.606	142	125074	16.508	ug/l	98
11) Tert butyl alcohol	5.530	59	70237	95.798	ug/l	100
12) 1,1-Dichloroethene	4.359	96	80844	17.241	ug/l	91
13) Acrolein	4.194	56	93407	106.531	ug/l	98
14) Allyl chloride	5.041	41	103616	18.962	ug/l	92
15) Acrylonitrile	5.730	53	203167	97.377	ug/l	99
16) Acetone	4.442	43	181895	103.472	ug/l	98
17) Carbon Disulfide	4.724	76	169186	14.491	ug/l	95
18) Methyl Acetate	5.047	43	117544	19.738	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	309014	20.243	ug/l	98
20) Methylene Chloride	5.294	84	100564	18.967	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	88579	17.437	ug/l	98
22) Diisopropyl ether	6.677	45	271400	21.061	ug/l	98
23) Vinyl Acetate	6.612	43	837752	100.591	ug/l	99
24) 1,1-Dichloroethane	6.583	63	164678	19.172	ug/l	99
25) 2-Butanone	7.488	43	256785	95.682	ug/l	96
26) 2,2-Dichloropropane	7.494	77	144385	19.944	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	109151	18.423	ug/l	97
28) Bromochloromethane	7.818	49	75006	21.544	ug/l	99
29) Tetrahydrofuran	7.841	42	163366	98.629	ug/l	97
30) Chloroform	7.971	83	185212	19.487	ug/l	100
31) Cyclohexane	8.259	56	136490	16.210	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	166799	19.222	ug/l	91
36) 1,1-Dichloropropene	8.377	75	124124	17.129	ug/l	99
37) Ethyl Acetate	7.571	43	106350	18.320	ug/l	99
38) Carbon Tetrachloride	8.365	117	144324	17.860	ug/l	98
39) Methylcyclohexane	9.606	83	149402	16.883	ug/l	99
40) Benzene	8.612	78	389500	17.976	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	59534	19.562	ug/l	99
42) 1,2-Dichloroethane	8.671	62	139447	18.809	ug/l	99
43) Isopropyl Acetate	8.694	43	182496	19.300	ug/l	97
44) Trichloroethene	9.353	130	102872	16.786	ug/l	98
45) 1,2-Dichloropropane	9.624	63	96477	18.597	ug/l	97
46) Dibromomethane	9.712	93	70055	17.886	ug/l	97
47) Bromodichloromethane	9.888	83	150297	19.784	ug/l	98
48) Methyl methacrylate	9.682	41	83142	18.573	ug/l	94
49) 1,4-Dioxane	9.694	88	37137	393.173	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	529683	95.426	ug/l	99
52) Toluene	10.635	92	255288	17.618	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	145404	20.078	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	160538	19.269	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	106490	19.227	ug/l	97
56) Ethyl methacrylate	10.876	69	150347	21.026	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	172633	19.180	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	192643	79.803	ug/l	100
59) 2-Hexanone	11.194	43	381749	94.906	ug/l	98
60) Dibromochloromethane	11.359	129	113860	19.528	ug/l	98
61) 1,2-Dibromoethane	11.470	107	105134	19.017	ug/l	100
64) Tetrachloroethene	11.106	164	113914	17.322	ug/l	99
65) Chlorobenzene	11.894	112	276279	17.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	108023	18.835	ug/l	100
67) Ethyl Benzene	11.965	91	490974	18.610	ug/l	99
68) m/p-Xylenes	12.076	106	388311	36.706	ug/l	96
69) o-Xylene	12.400	106	192472	18.527	ug/l	94
70) Styrene	12.412	104	318664	19.211	ug/l	98
71) Bromoform	12.582	173	78715	19.005	ug/l #	100
73) Isopropylbenzene	12.700	105	508158	19.251	ug/l	99
74) N-amyl acetate	12.494	43	147382	19.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	143616	18.926	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	130769m	20.478	ug/l	
77) Bromobenzene	12.982	156	120138	19.120	ug/l	95
78) n-propylbenzene	13.035	91	571486	19.188	ug/l	99
79) 2-Chlorotoluene	13.129	91	355885	19.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	435866	19.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	39027m	19.030	ug/l	
82) 4-Chlorotoluene	13.129	91	355885	19.472	ug/l	99
83) tert-Butylbenzene	13.441	119	395502	20.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	439773	19.833	ug/l	97
85) sec-Butylbenzene	13.617	105	535547	19.623	ug/l	98
86) p-Isopropyltoluene	13.729	119	440936	19.648	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	221661	17.816	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	216245	18.336	ug/l	98
89) n-Butylbenzene	14.059	91	339640	19.065	ug/l	99
90) Hexachloroethane	14.335	117	71681	18.506	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	218163	17.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23754	18.009	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	98064	17.256	ug/l	99
94) Hexachlorobutadiene	15.506	225	54537	16.585	ug/l	98
95) Naphthalene	15.641	128	288286	17.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95372	17.479	ug/l	98

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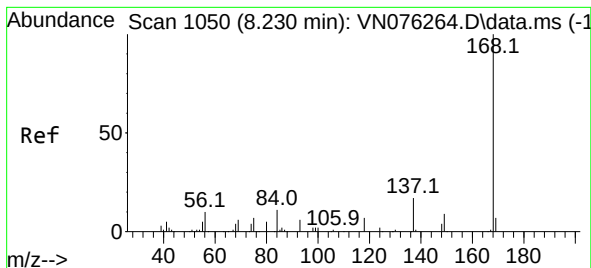
Manual Integrations
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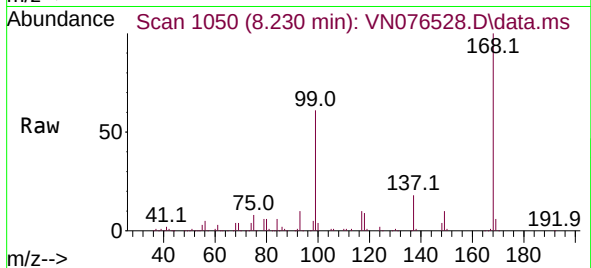
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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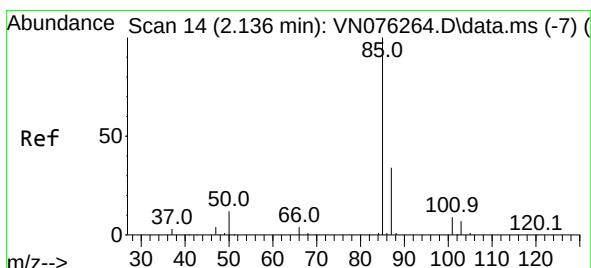
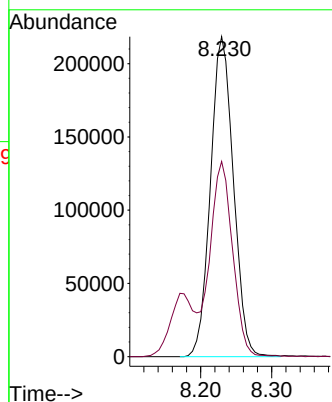
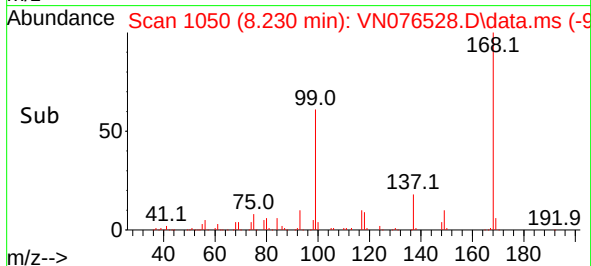
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



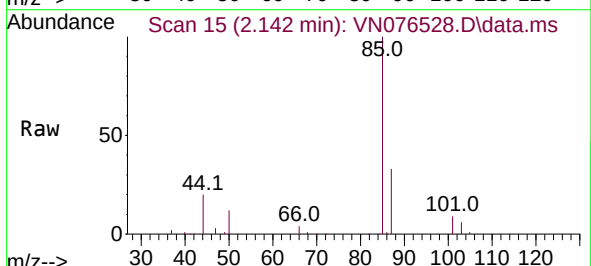
Tgt Ion:168 Resp: 48955
Ion Ratio Lower Upper
168 100
99 60.8 41.6 62.4

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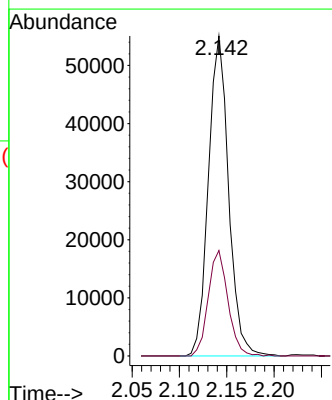
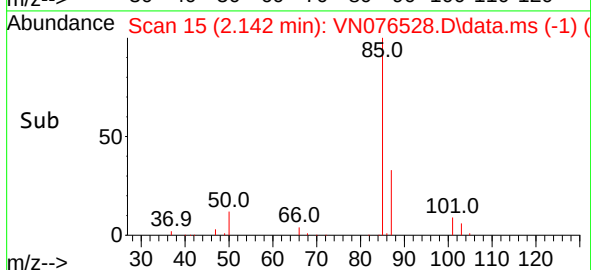
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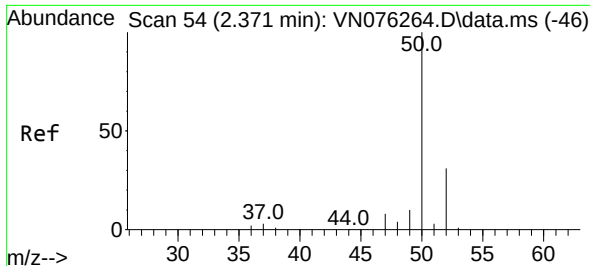


#2
Dichlorodifluoromethane
Concen: 16.269 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion: 85 Resp: 81619
Ion Ratio Lower Upper
85 100
87 33.0 17.1 51.2





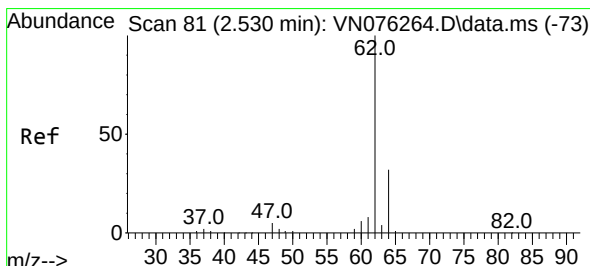
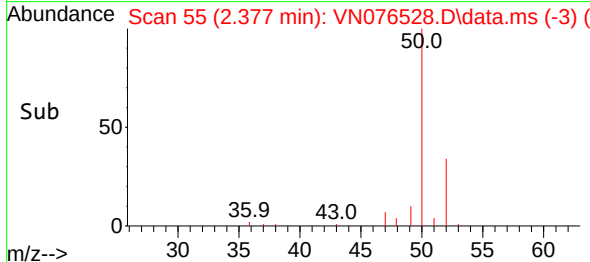
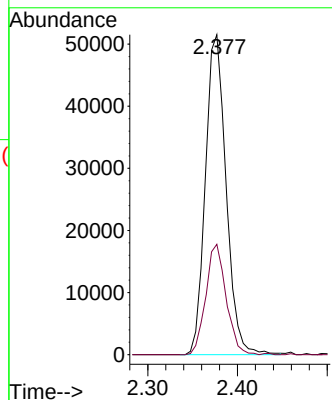
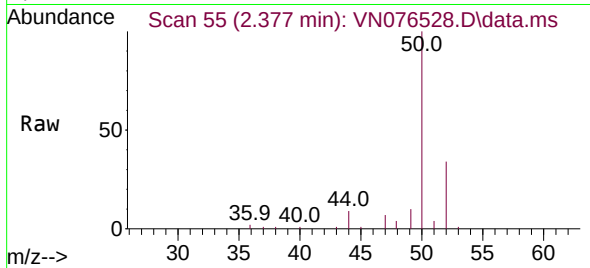
#3
Chloromethane
Concen: 15.905 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076528.D
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Instrument :
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Tgt Ion: 50 Resp: 8261
Ion Ratio Lower Upper
50 100
52 34.5 24.8 37.2

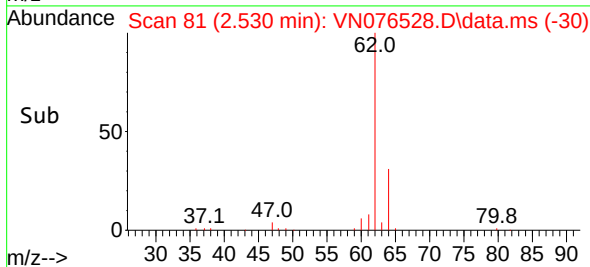
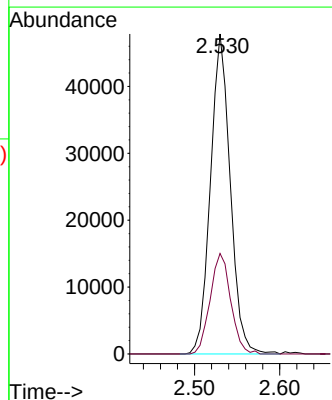
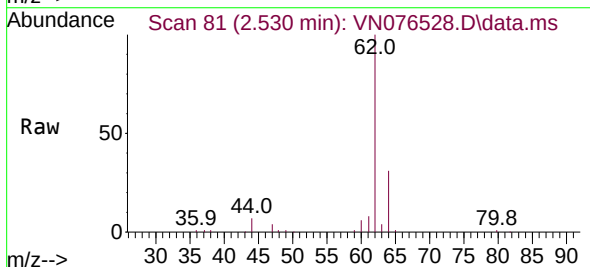
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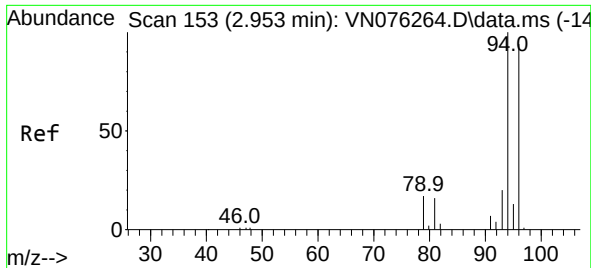
Reviewed By :John Carlone 02/06/2023
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#4
Vinyl Chloride
Concen: 12.105 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

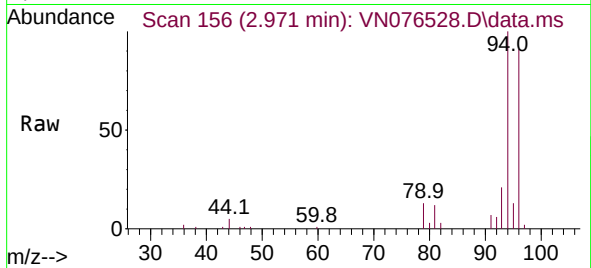
Tgt Ion: 62 Resp: 77099
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 12.081 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076528.D
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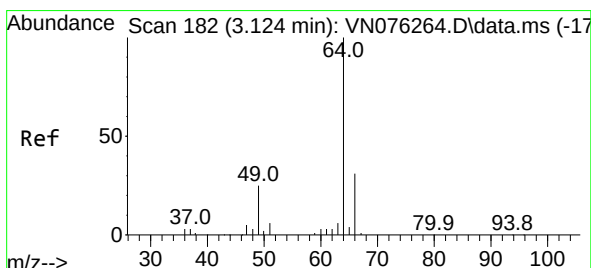
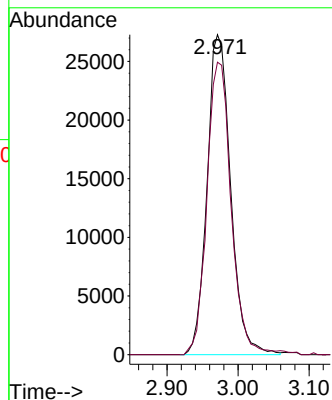
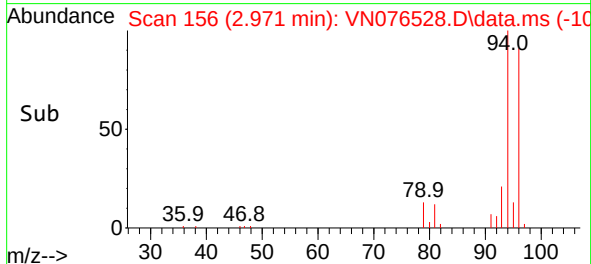
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Tgt Ion: 94 Resp: 63008
Ion Ratio Lower Upper
94 100
96 91.4 75.1 112.7

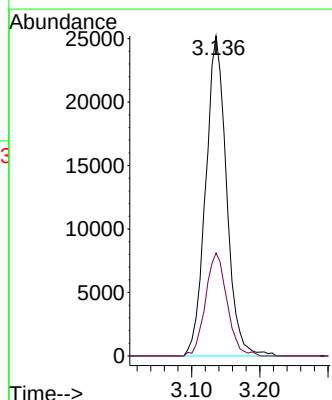
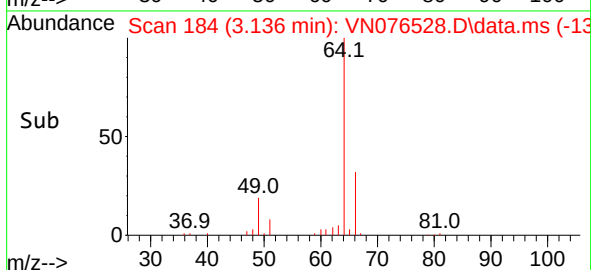
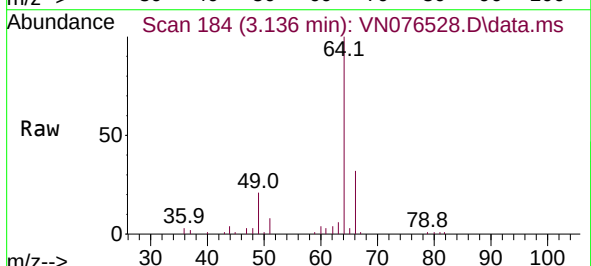
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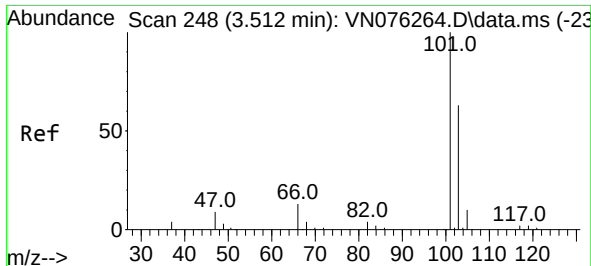
Reviewed By :John Carlone 02/06/2023
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#6
Chloroethane
Concen: 11.228 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076528.D
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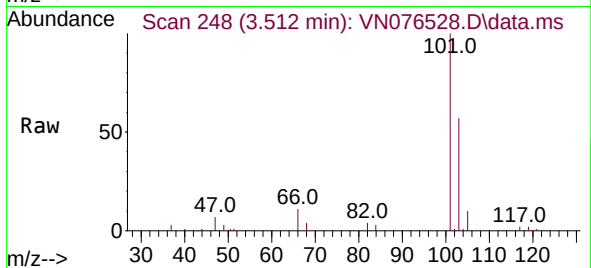
Tgt Ion: 64 Resp: 53624
Ion Ratio Lower Upper
64 100
66 32.2 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 17.881 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076528.D
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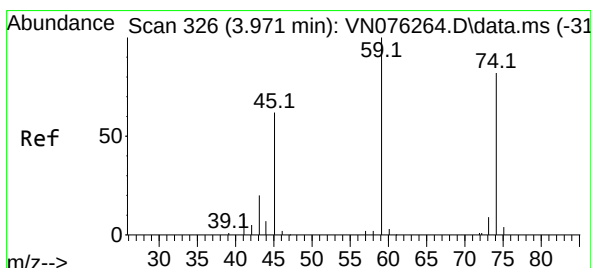
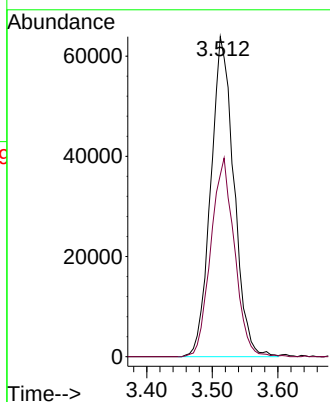
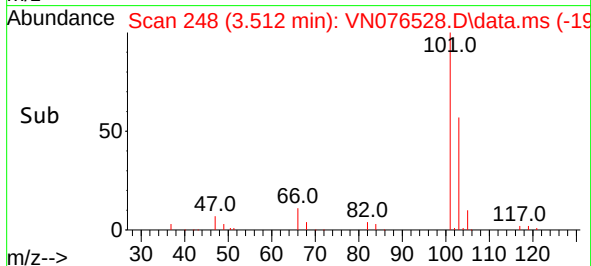
Instrument :
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 VN0203WBSD01



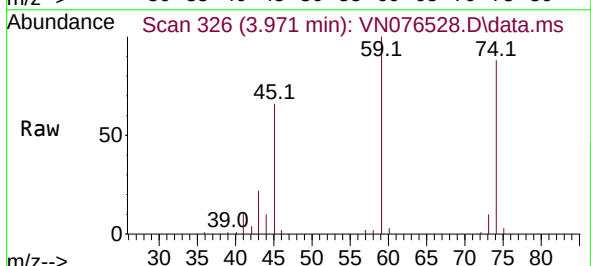
Tgt Ion:101 Resp: 156675
 Ion Ratio Lower Upper
 101 100
 103 56.8 50.2 75.4

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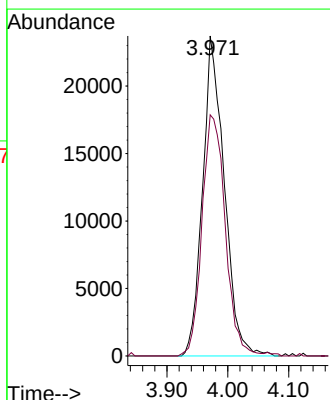
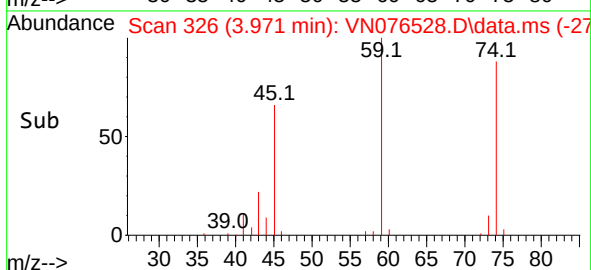
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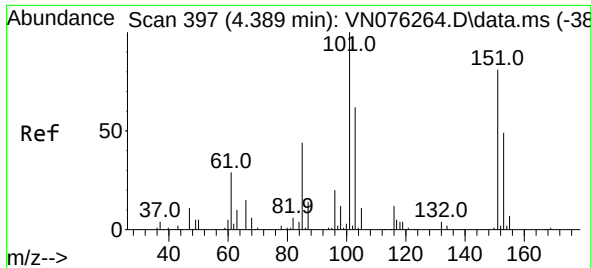


#8
 Diethyl Ether
 Concen: 19.941 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 58605
 Ion Ratio Lower Upper
 74 100
 45 80.7 37.8 113.3





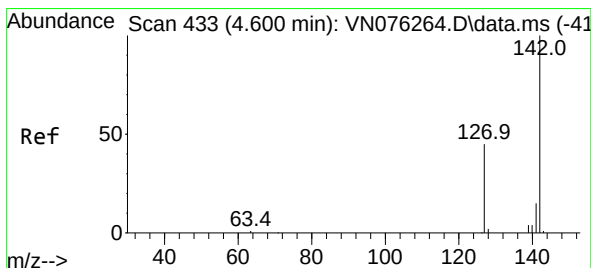
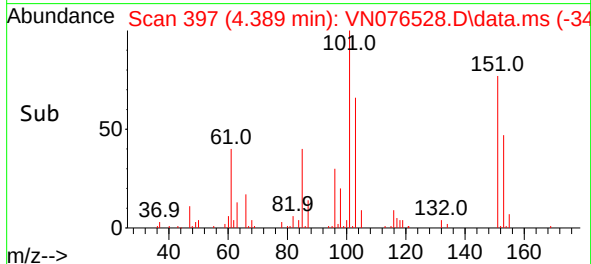
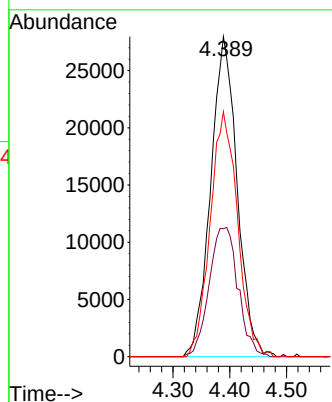
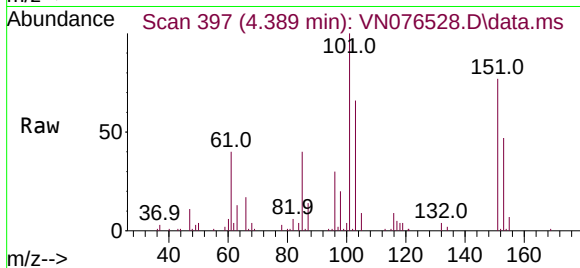
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.262 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion:101 Resp: 9058
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 79.0 65.5 98.3

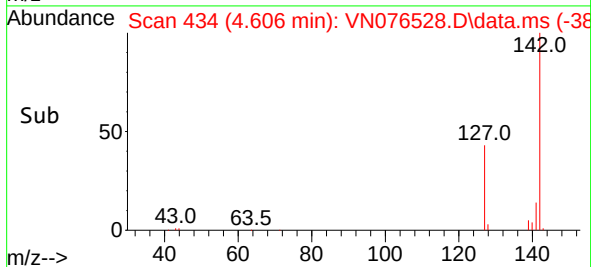
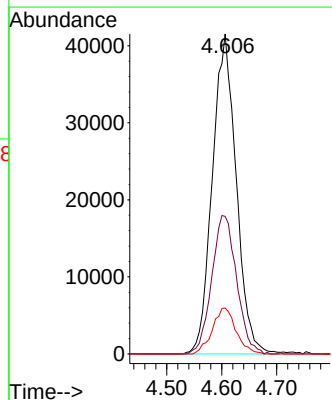
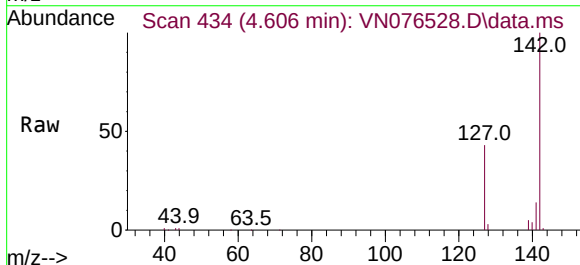
Manual Integrations
APPROVED

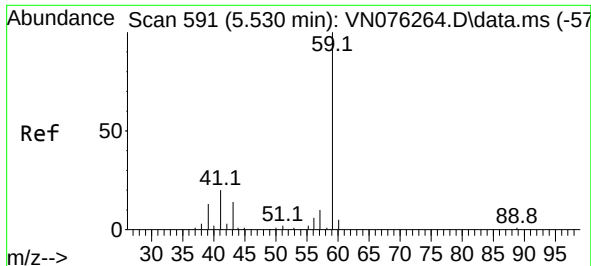
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#10
Methyl Iodide
Concen: 16.508 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

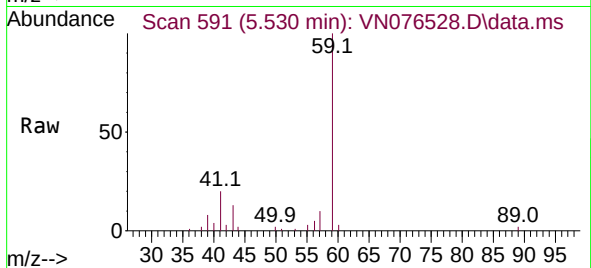
Tgt Ion:142 Resp: 125074
Ion Ratio Lower Upper
142 100
127 45.2 35.0 52.4
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 95.798 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

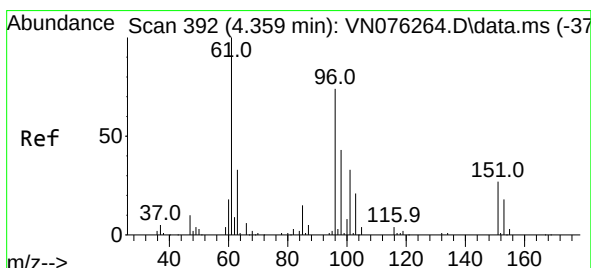
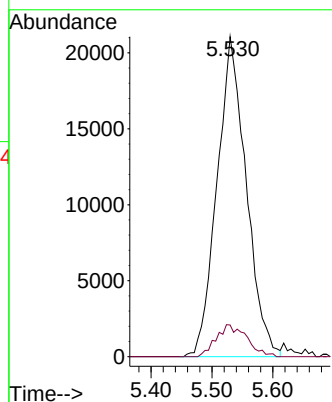
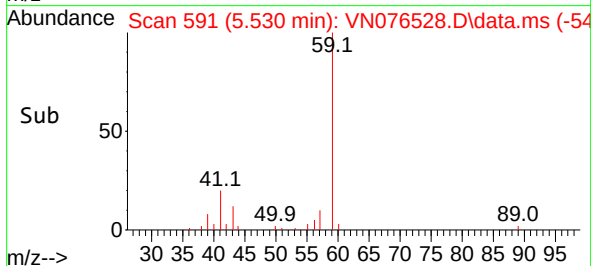
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 59 Resp: 7023
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

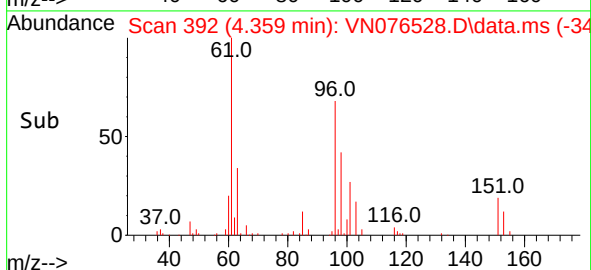
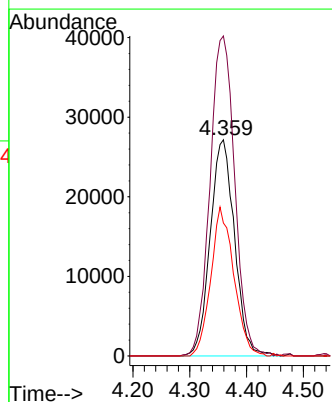
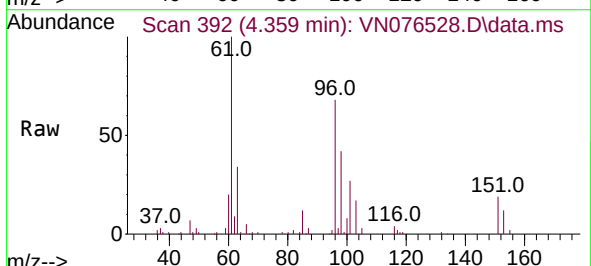
Manual Integrations
APPROVED

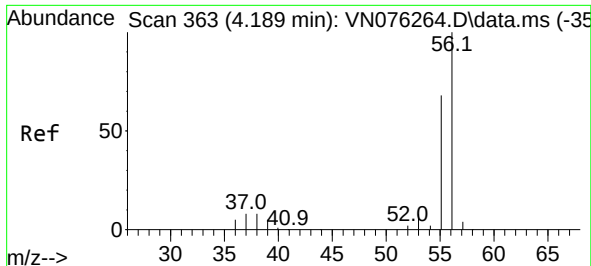
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#12
1,1-Dichloroethene
Concen: 17.241 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion: 96 Resp: 80844
Ion Ratio Lower Upper
96 100
61 148.0 108.2 162.4
98 61.5 47.0 70.6





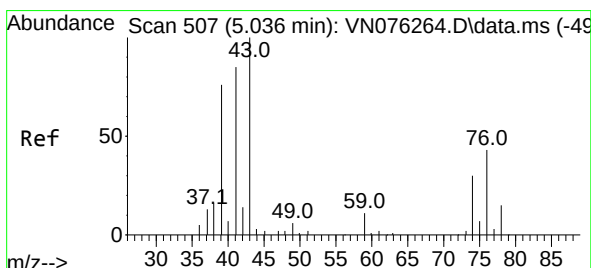
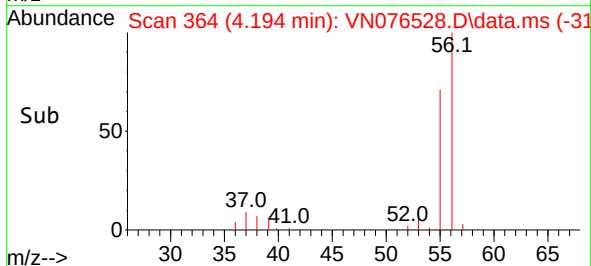
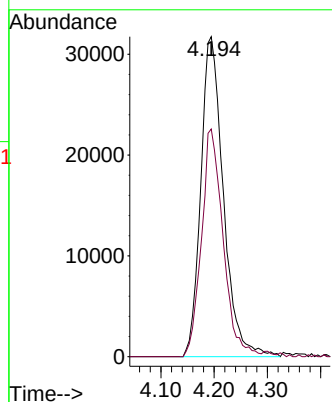
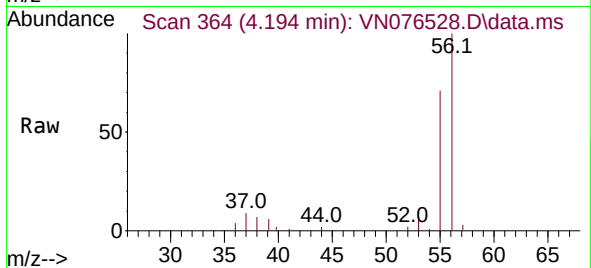
#13
Acrolein
Concen: 106.531 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 56 Resp: 9340
Ion Ratio Lower Upper
56 100
55 68.2 55.8 83.6

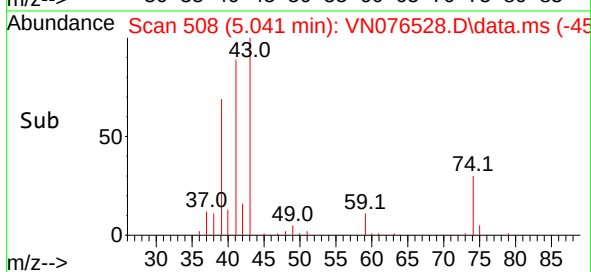
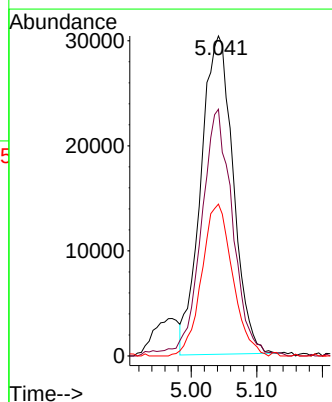
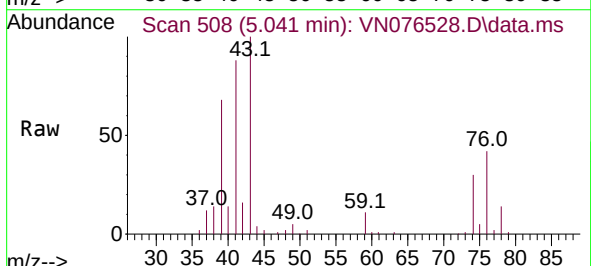
Manual Integrations
APPROVED

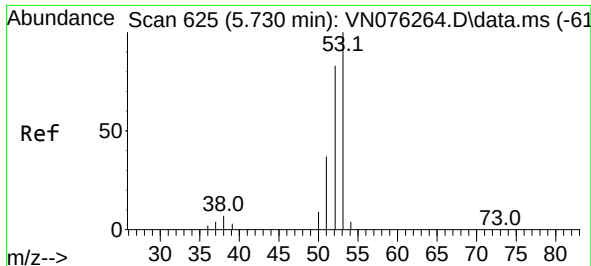
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#14
Allyl chloride
Concen: 18.962 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

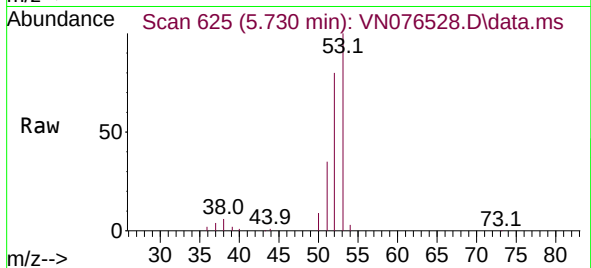
Tgt Ion: 41 Resp: 103616
Ion Ratio Lower Upper
41 100
39 76.2 67.4 101.0
76 45.7 39.8 59.8





#15
Acrylonitrile
Concen: 97.377 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

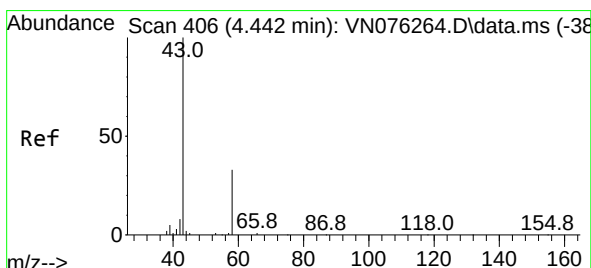
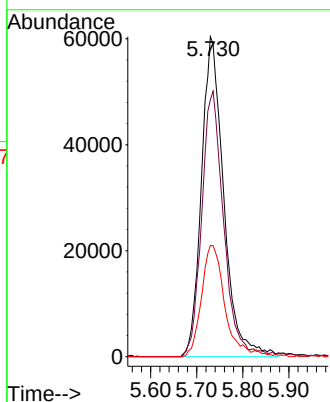
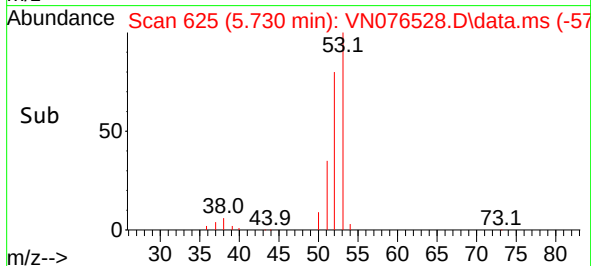
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 53 Resp: 20316
Ion Ratio Lower Upper
53 100
52 81.6 64.7 97.1
51 35.6 29.2 43.8

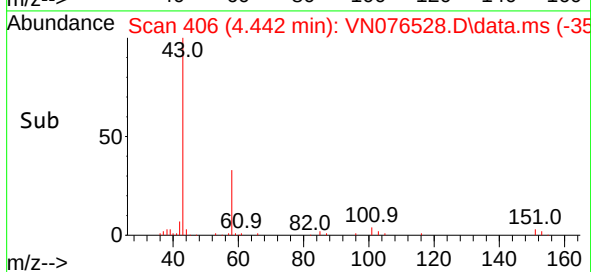
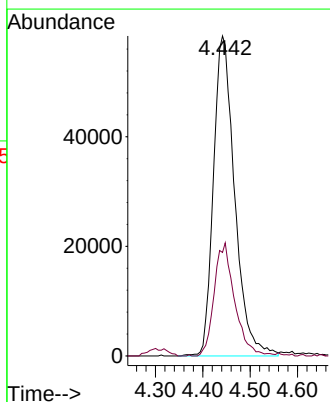
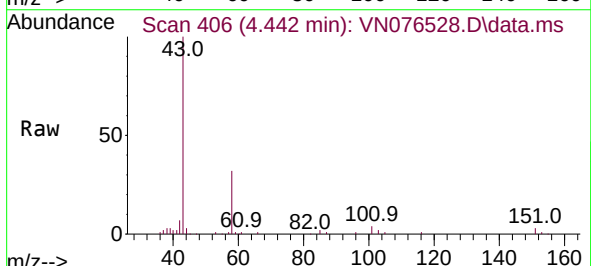
Manual Integrations
APPROVED

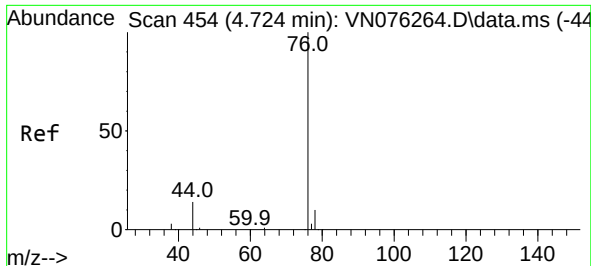
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#16
Acetone
Concen: 103.472 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion: 43 Resp: 181895
Ion Ratio Lower Upper
43 100
58 32.3 26.7 40.1





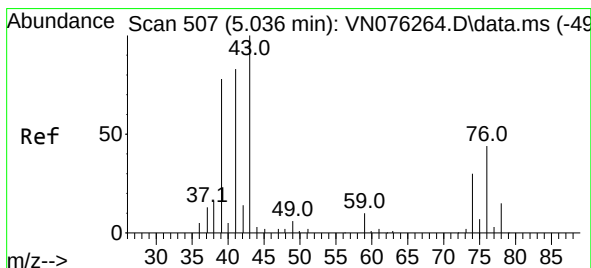
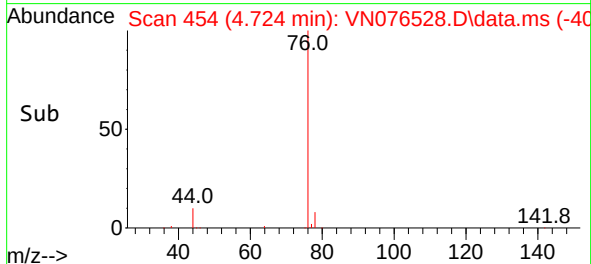
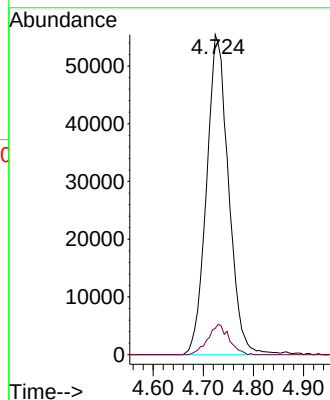
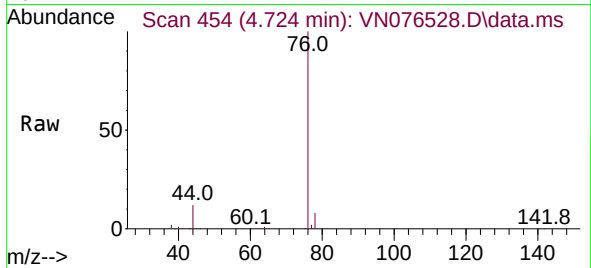
#17
Carbon Disulfide
Concen: 14.491 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 76 Resp: 169180
Ion Ratio Lower Upper
76 100
78 8.2 8.0 12.0

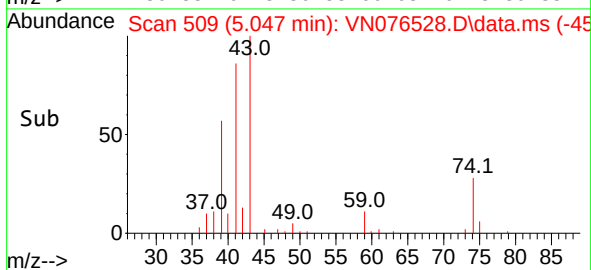
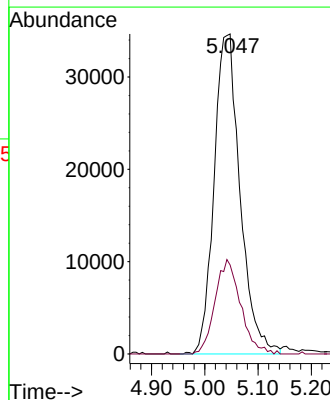
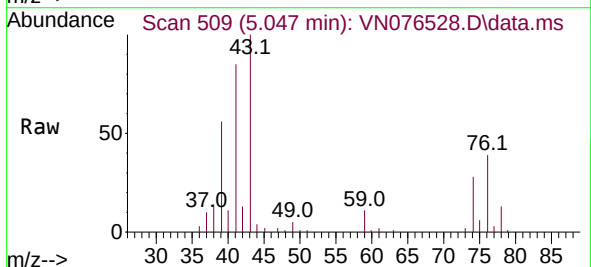
Manual Integrations
APPROVED

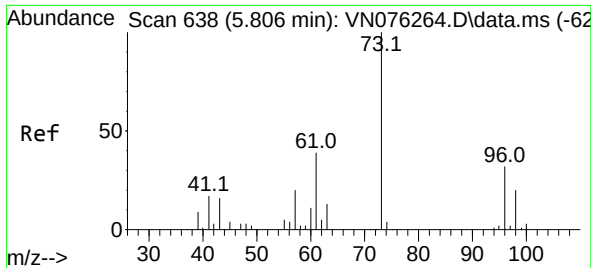
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#18
Methyl Acetate
Concen: 19.738 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion: 43 Resp: 117544
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9





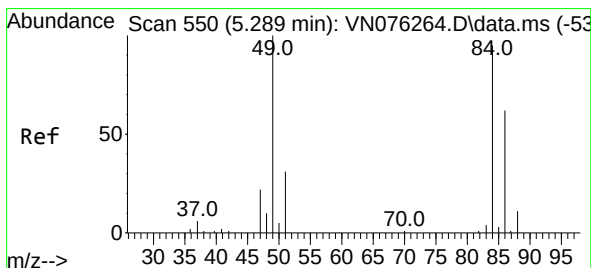
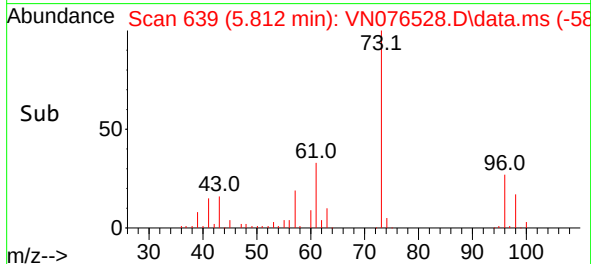
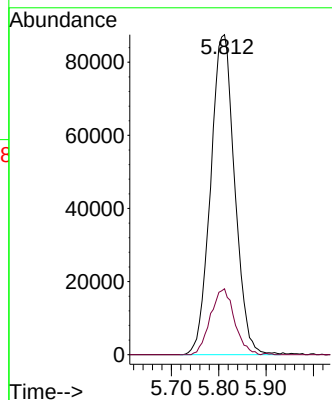
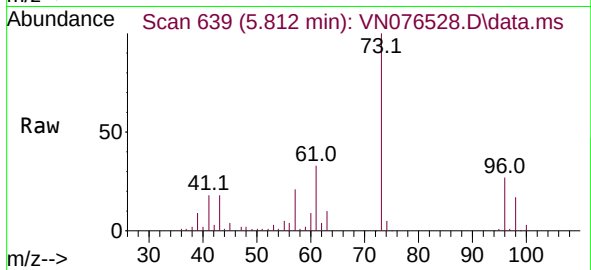
#19
Methyl tert-butyl Ether
Concen: 20.243 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 73 Resp: 309014
Ion Ratio Lower Upper
73 100
57 20.6 15.9 23.9

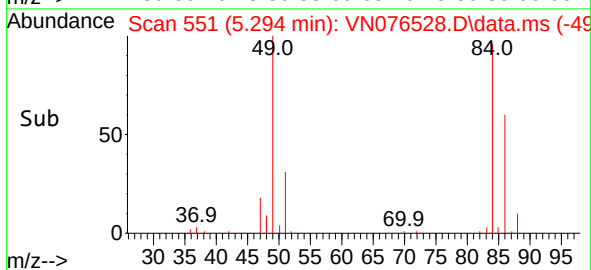
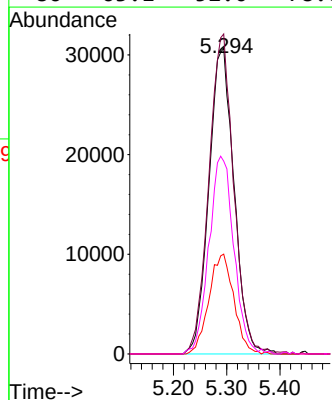
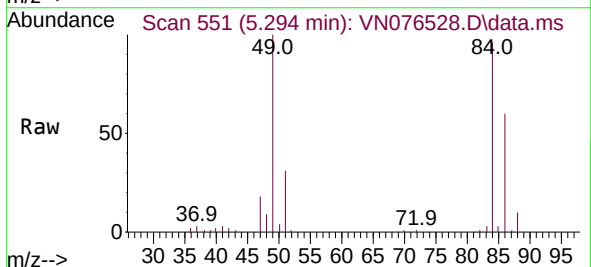
Manual Integrations
APPROVED

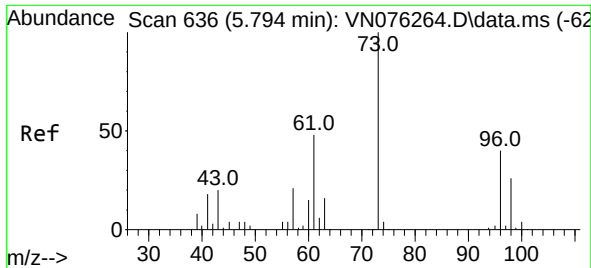
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#20
Methylene Chloride
Concen: 18.967 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

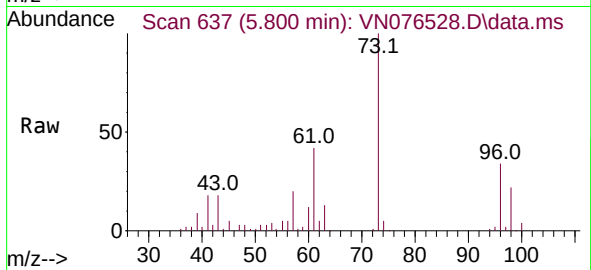
Tgt Ion: 84 Resp: 100564
Ion Ratio Lower Upper
84 100
49 104.7 84.5 126.7
51 32.7 26.0 39.0
86 63.1 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.437 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

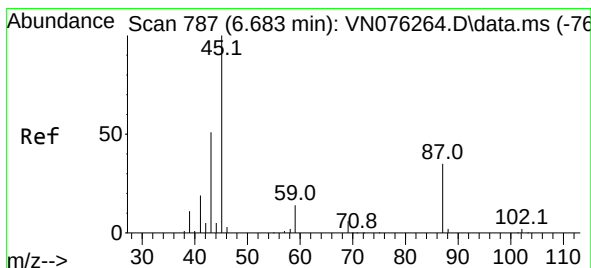
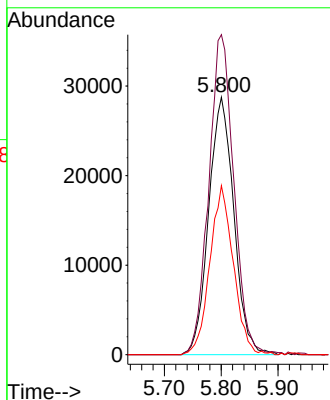
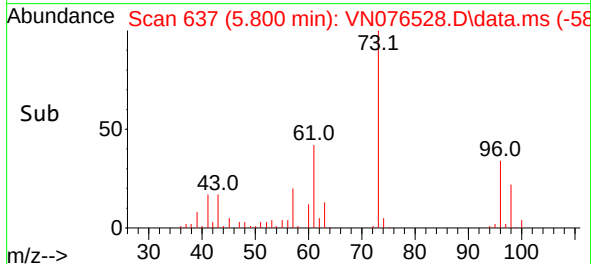
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



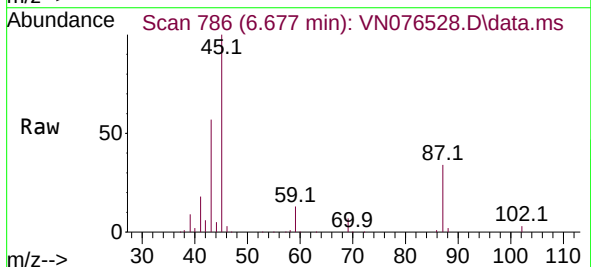
Tgt Ion: 96 Resp: 88579
Ion Ratio Lower Upper
96 100
61 124.3 97.0 145.4
98 65.6 51.9 77.9

Manual Integrations
APPROVED

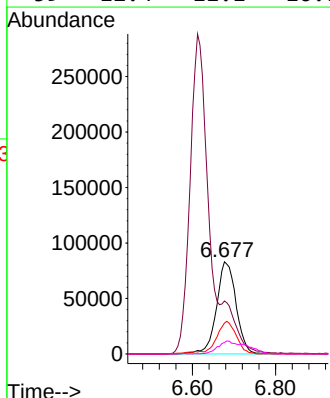
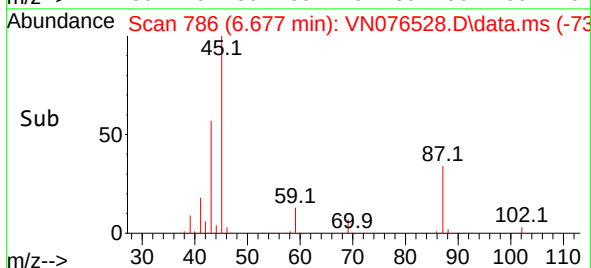
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

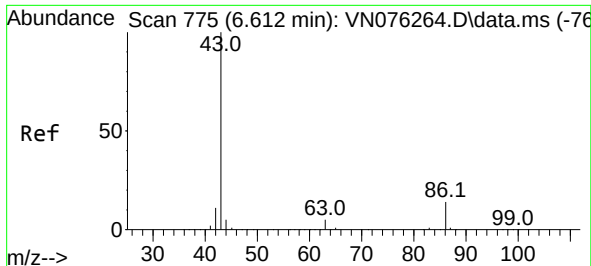


#22
Diisopropyl ether
Concen: 21.061 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion: 45 Resp: 271400
Ion Ratio Lower Upper
45 100
43 56.7 44.4 66.6
87 33.5 28.4 42.6
59 12.4 11.1 16.7





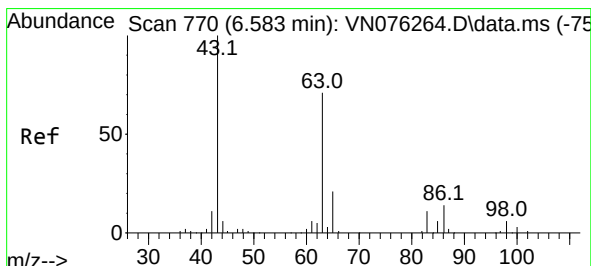
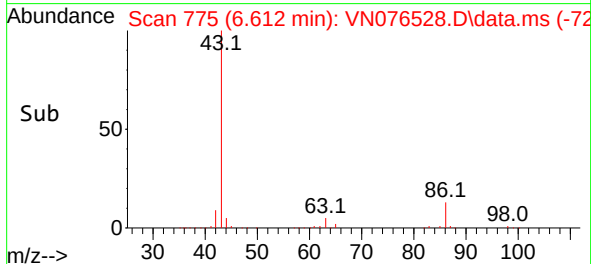
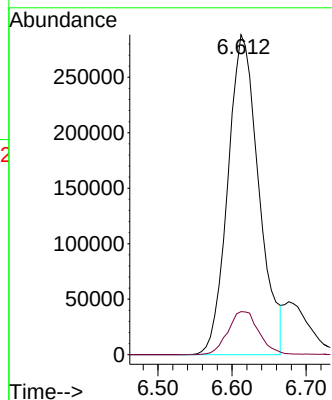
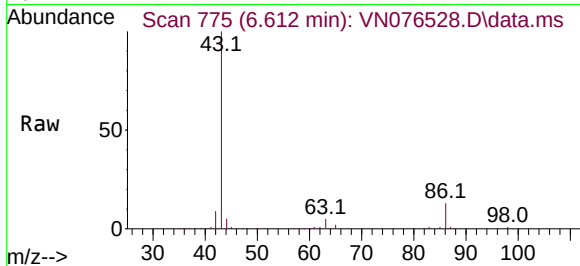
#23
 Vinyl Acetate
 Concen: 100.591 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076528.D
 Acq: 03 Feb 2023 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Tgt Ion: 43 Resp: 837752
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.2 16.8

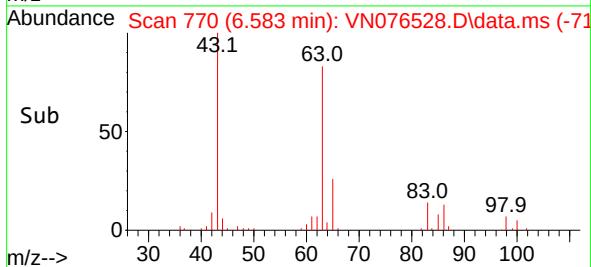
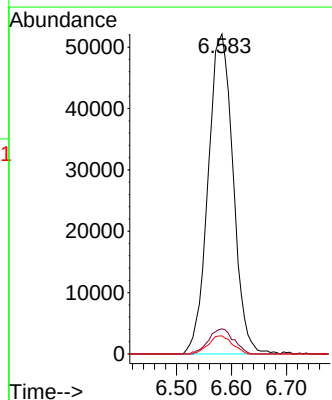
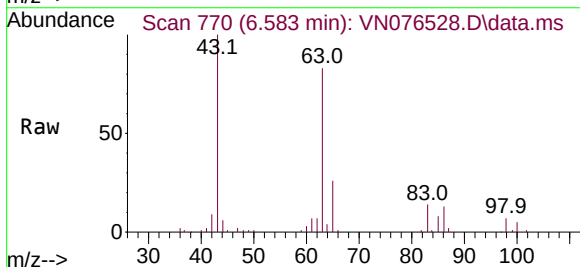
Manual Integrations
 APPROVED

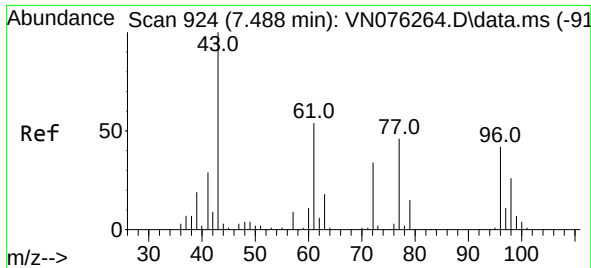
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#24
 1,1-Dichloroethane
 Concen: 19.172 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076528.D
 Acq: 03 Feb 2023 13:24

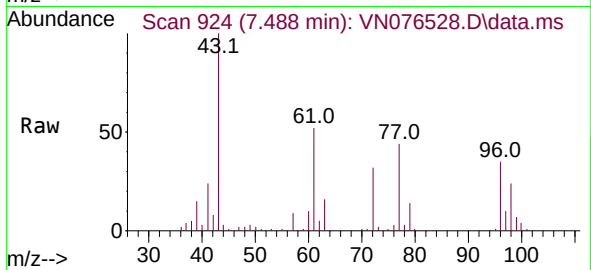
Tgt Ion: 63 Resp: 164678
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 5.6 2.2 6.6





#25
2-Butanone
Concen: 95.682 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

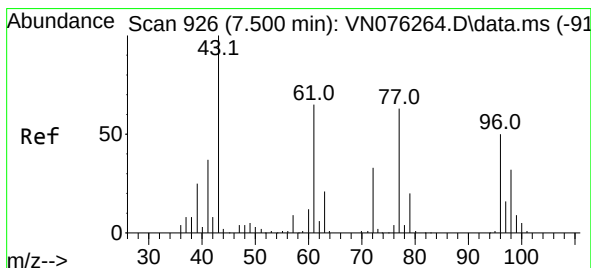
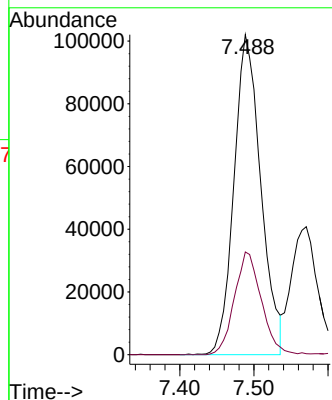
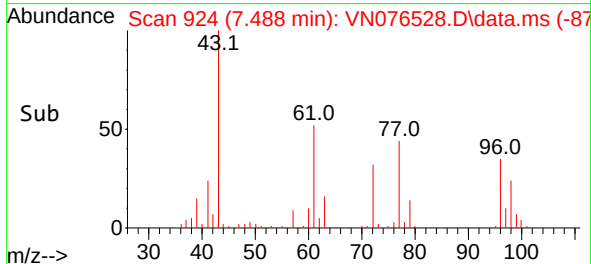
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 43 Resp: 25678
Ion Ratio Lower Upper
43 100
72 32.1 27.4 41.2

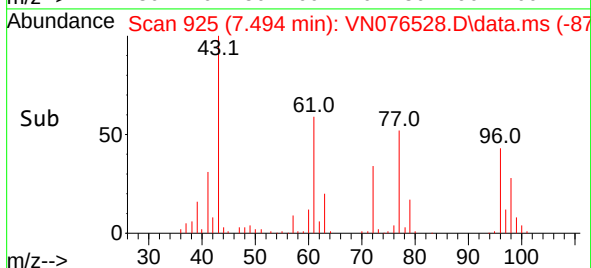
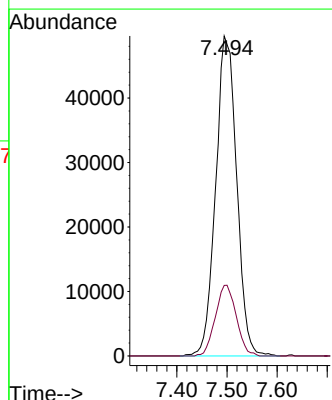
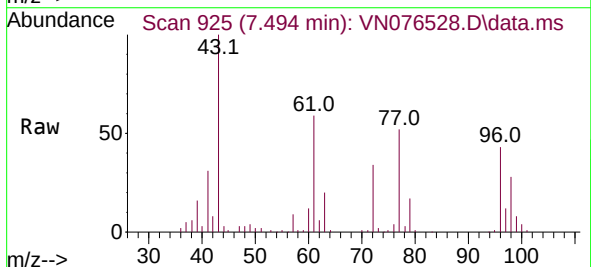
Manual Integrations
APPROVED

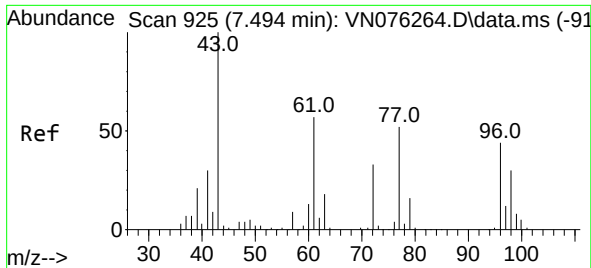
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#26
2,2-Dichloropropane
Concen: 19.944 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

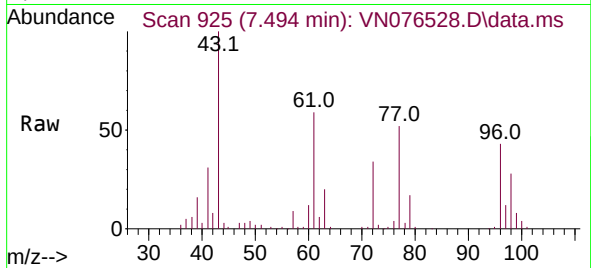
Tgt Ion: 77 Resp: 144385
Ion Ratio Lower Upper
77 100
97 22.0 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 18.423 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076528.D
 Acq: 03 Feb 2023 13:24

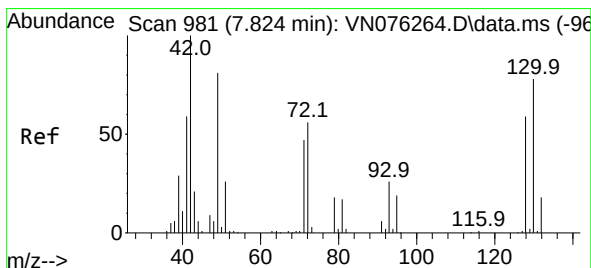
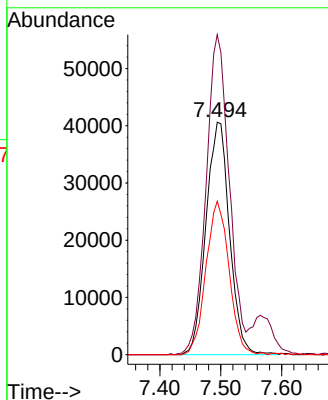
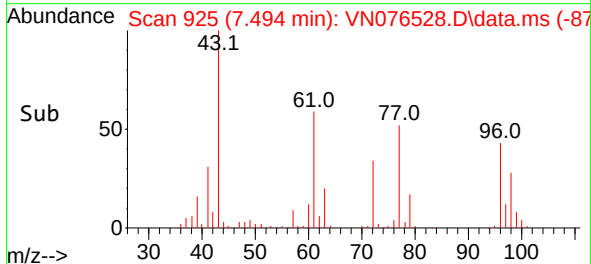
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01



Tgt Ion: 96 Resp: 10915
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 259.6
 98 64.8 0.0 129.4

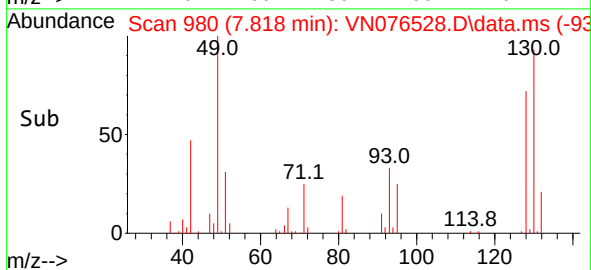
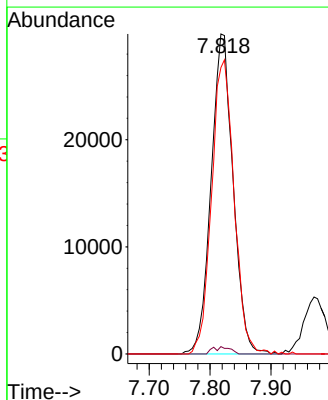
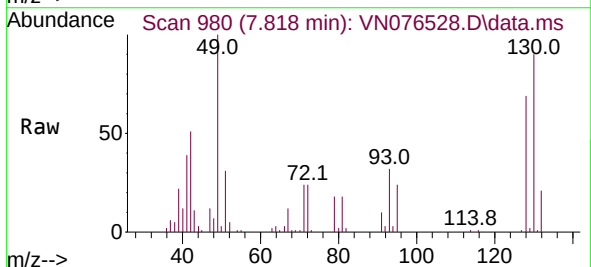
Manual Integrations
 APPROVED

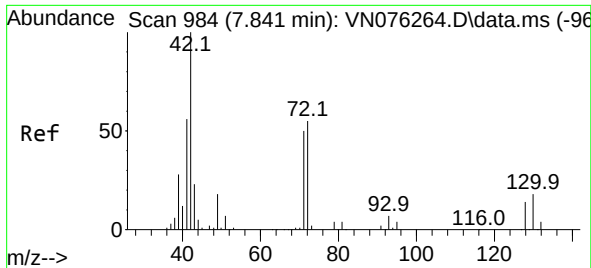
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#28
 Bromochloromethane
 Concen: 21.544 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076528.D
 Acq: 03 Feb 2023 13:24

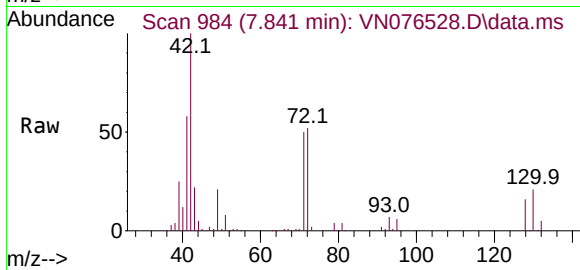
Tgt Ion: 49 Resp: 75006
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 5.2
 130 93.7 76.0 114.0





#29
Tetrahydrofuran
Concen: 98.629 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

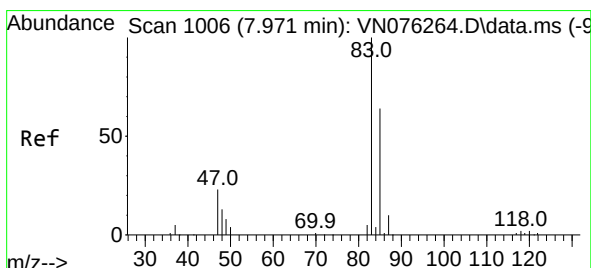
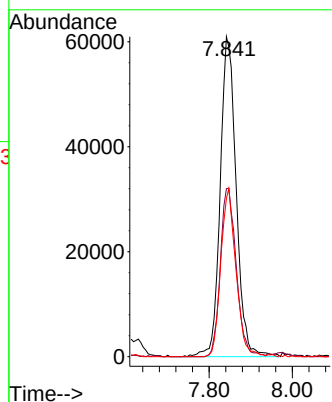
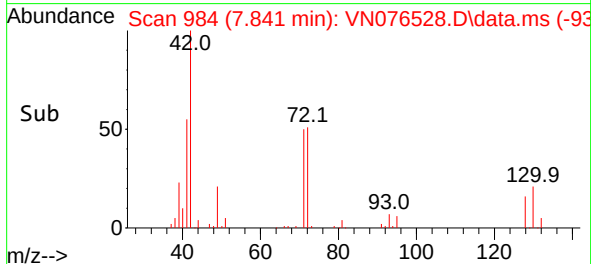
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



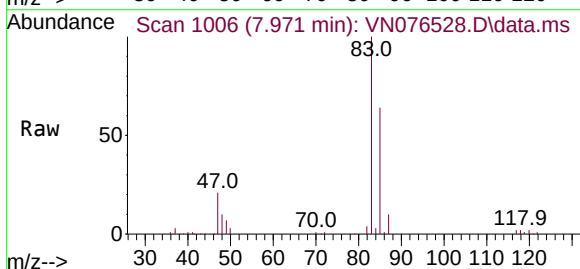
Tgt Ion: 42 Resp: 163360
Ion Ratio Lower Upper
42 100
72 52.4 44.0 66.0
71 49.4 41.1 61.7

Manual Integrations
APPROVED

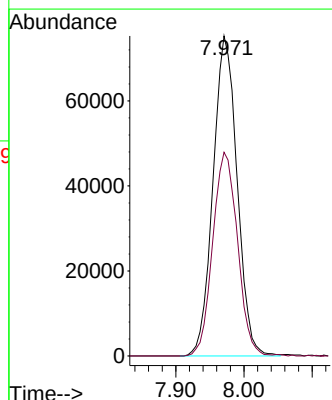
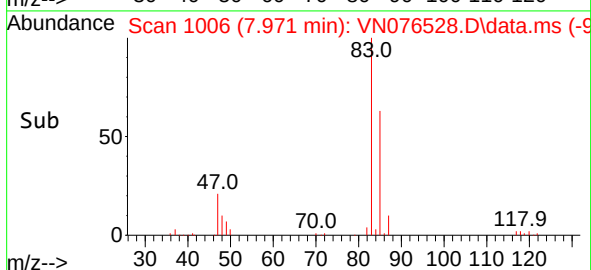
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

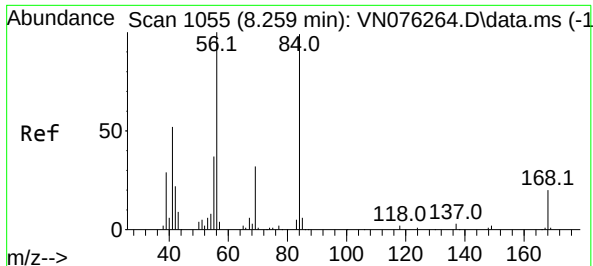


#30
Chloroform
Concen: 19.487 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



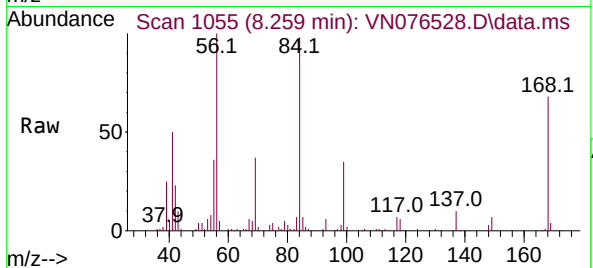
Tgt Ion: 83 Resp: 185212
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.6





#31
Cyclohexane
Concen: 16.210 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

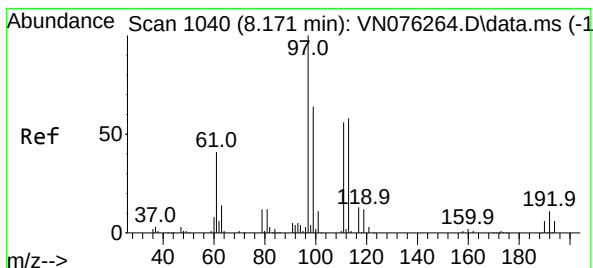
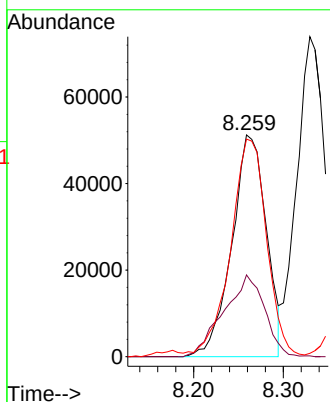
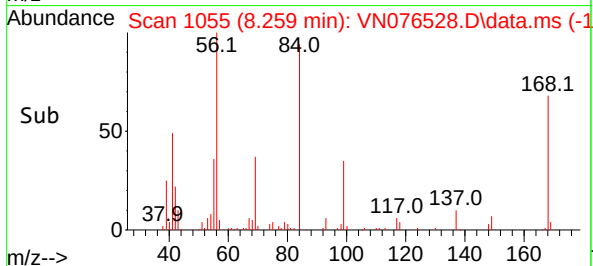
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



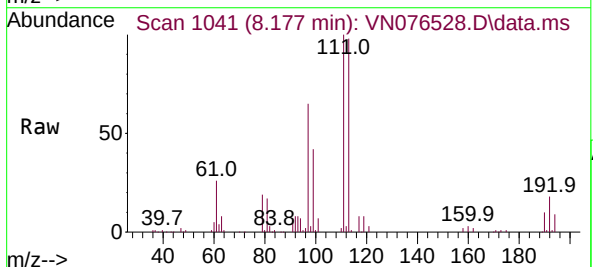
Tgt Ion: 56 Resp: 136490
Ion Ratio Lower Upper
56 100
69 36.8 25.8 38.8
84 96.2 79.0 118.4

Manual Integrations
APPROVED

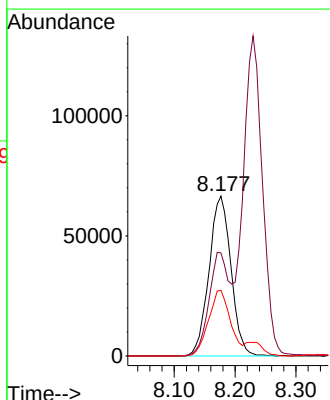
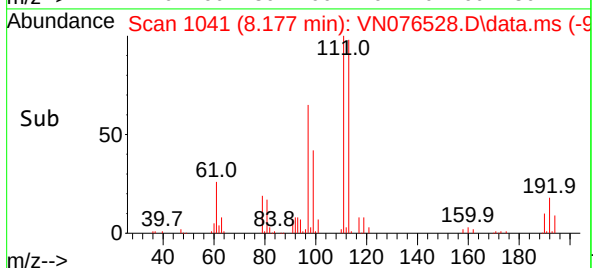
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

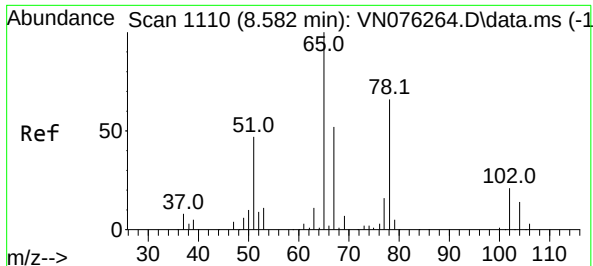


#32
1,1,1-Trichloroethane
Concen: 19.222 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion: 97 Resp: 166799
Ion Ratio Lower Upper
97 100
99 59.8 55.0 82.4
61 40.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.270 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 65 Resp: 286514

Ion Ratio Lower Upper

65 100

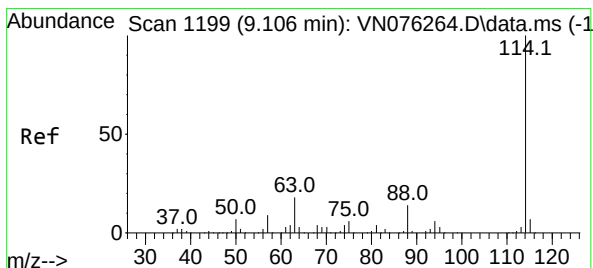
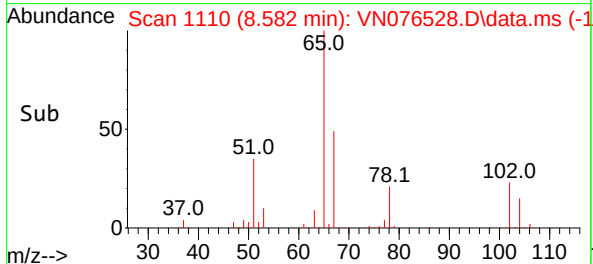
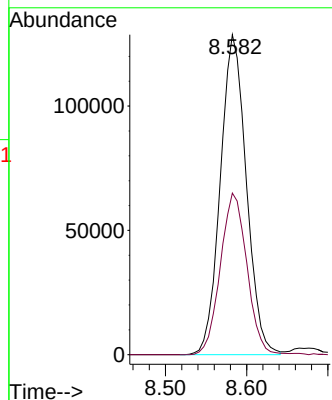
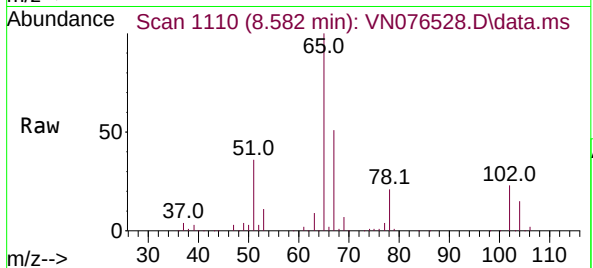
67 51.6 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

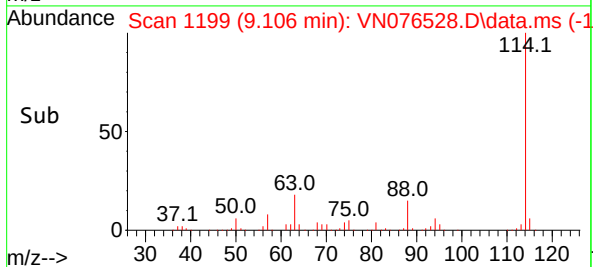
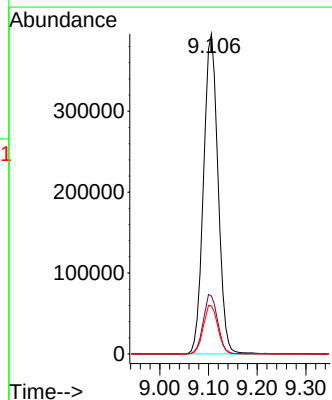
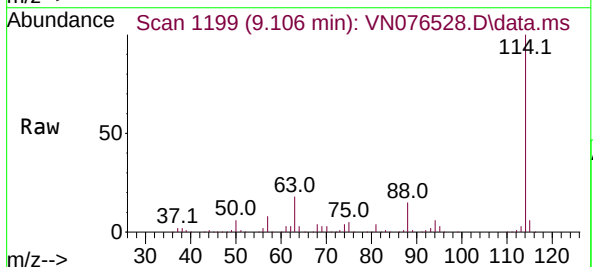
Tgt Ion:114 Resp: 815236

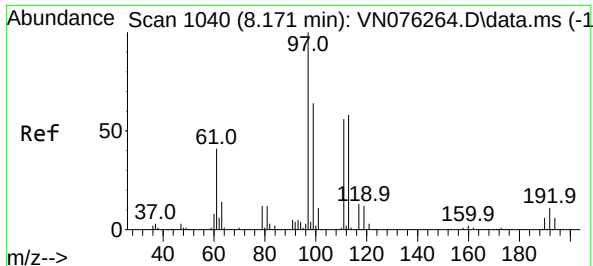
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.8

88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.101 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion:113 Resp: 250390

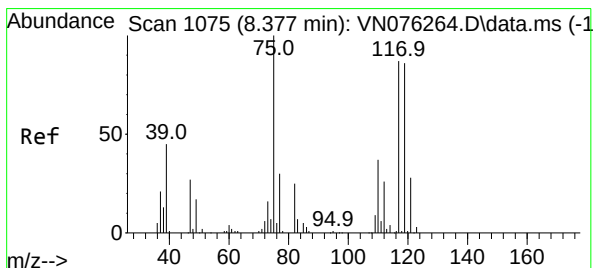
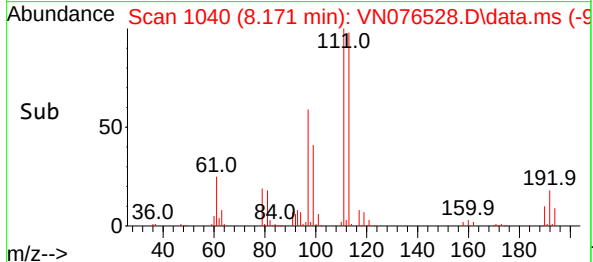
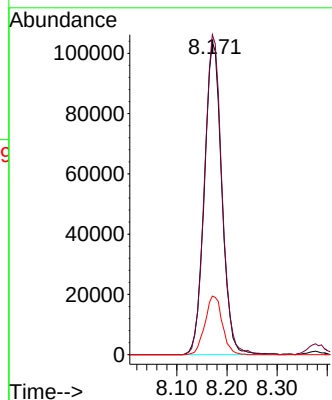
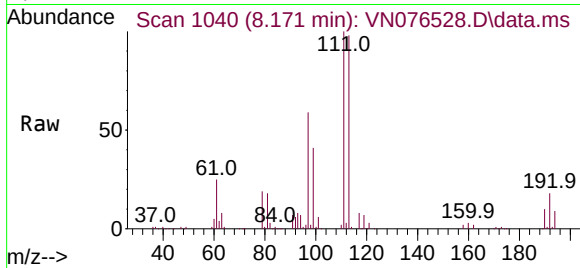
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	18.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#36

1,1-Dichloropropene

Concen: 17.129 ug/l

RT: 8.377 min Scan# 1075

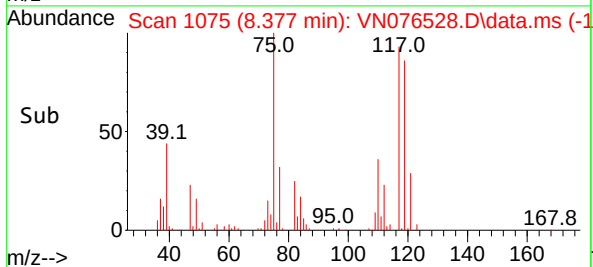
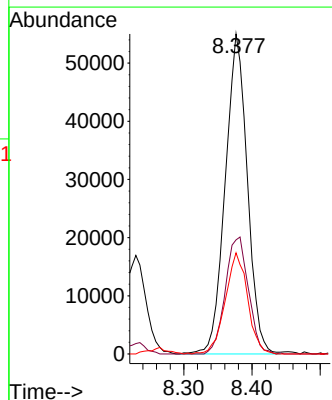
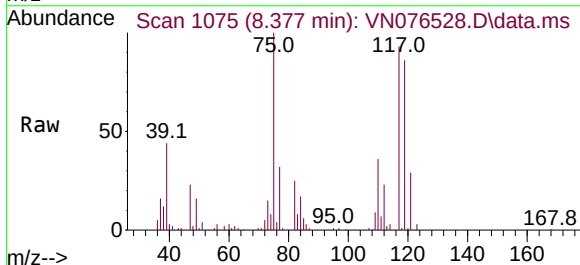
Delta R.T. -0.000 min

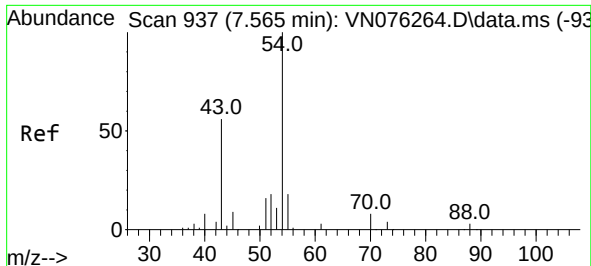
Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Tgt Ion: 75 Resp: 124124

Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.8	56.3
77	32.0	25.0	37.4





#37

Ethyl Acetate

Concen: 18.320 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 43 Resp: 106350

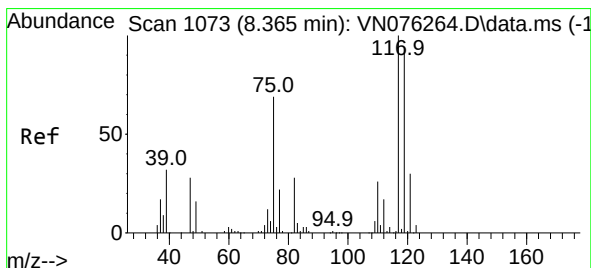
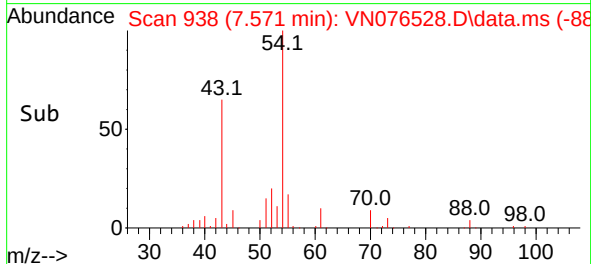
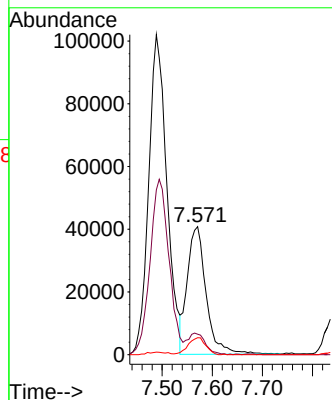
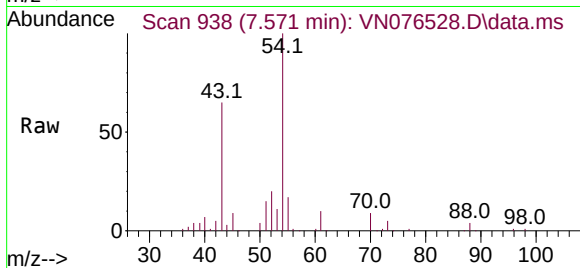
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	12.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#38

Carbon Tetrachloride

Concen: 17.860 ug/l

RT: 8.365 min Scan# 1073

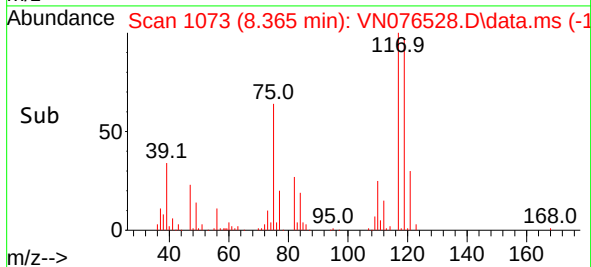
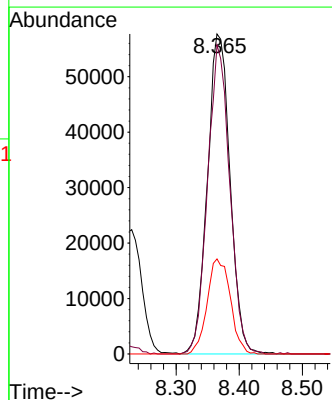
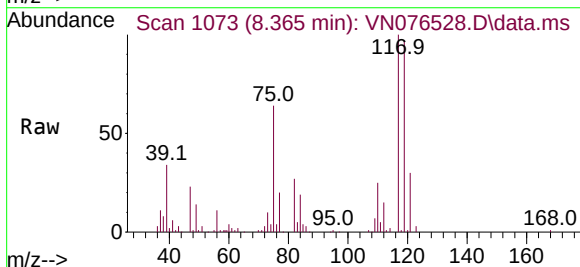
Delta R.T. -0.000 min

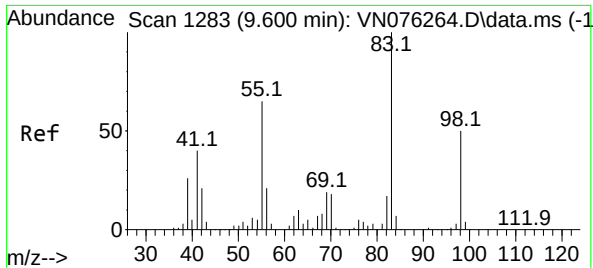
Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Tgt Ion:117 Resp: 144324

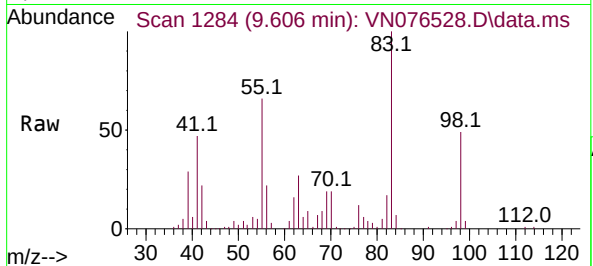
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.4	113.0
121	29.7	24.2	36.2





#39
Methylcyclohexane
Concen: 16.883 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

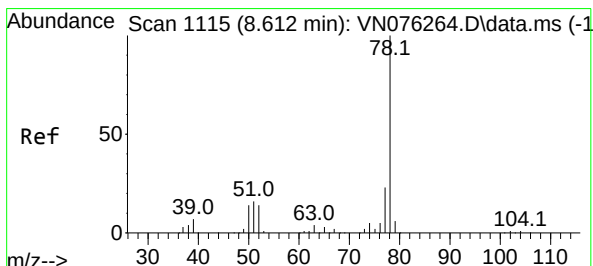
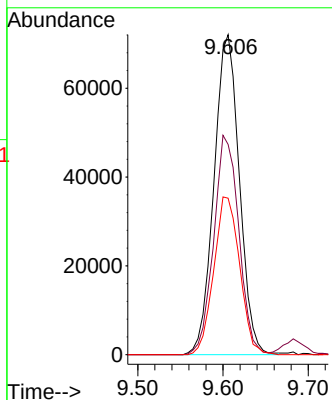
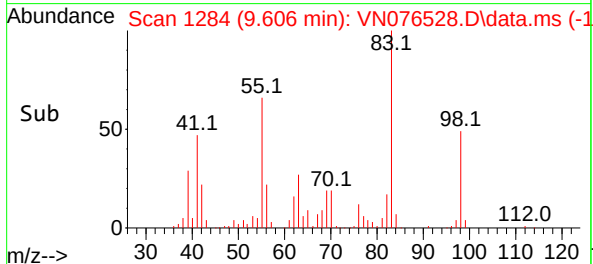
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 83 Resp: 14940
Ion Ratio Lower Upper
83 100
55 65.7 51.7 77.5
98 48.9 40.0 60.0

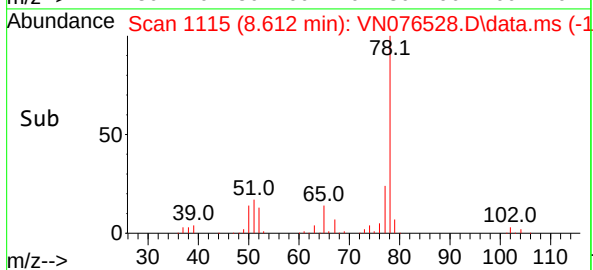
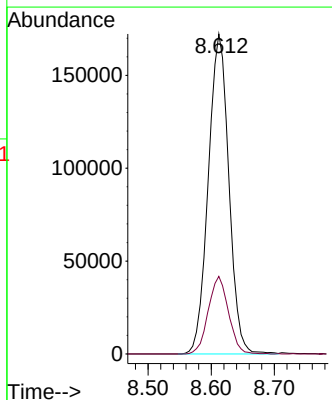
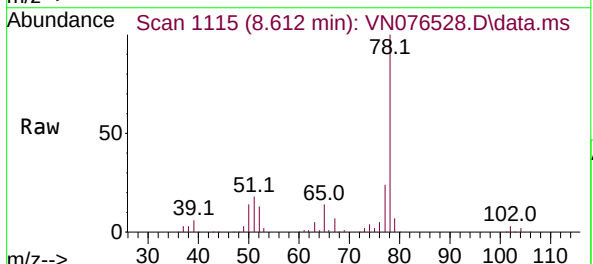
Manual Integrations
APPROVED

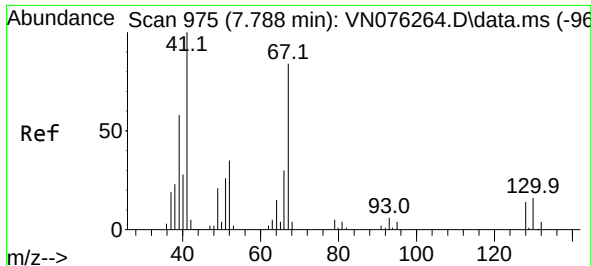
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#40
Benzene
Concen: 17.976 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

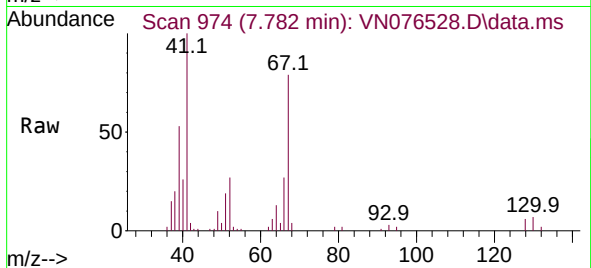
Tgt Ion: 78 Resp: 389500
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0





#41
Methacrylonitrile
Concen: 19.562 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

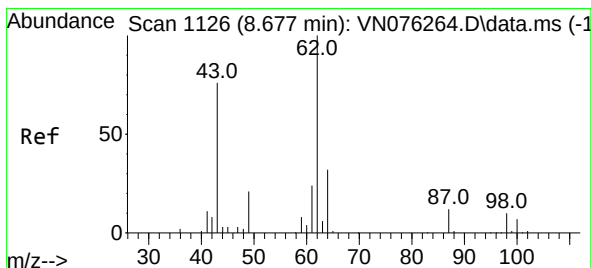
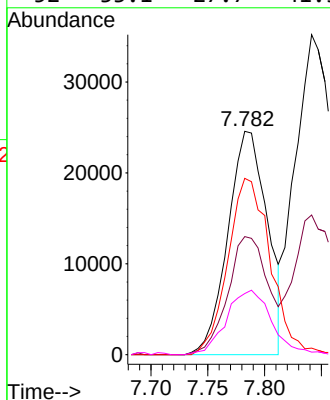
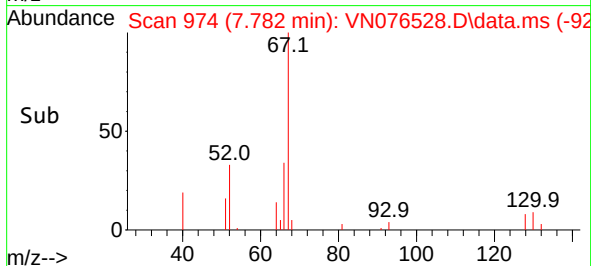
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



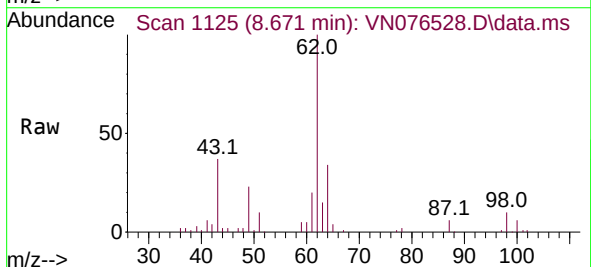
Tgt Ion: 41 Resp: 59534
Ion Ratio Lower Upper
41 100
39 53.7 42.4 63.6
67 84.9 68.8 103.2
52 33.1 27.7 41.5

Manual Integrations
APPROVED

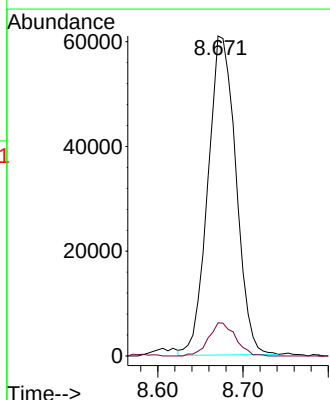
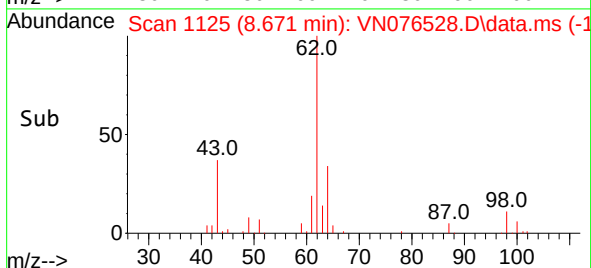
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

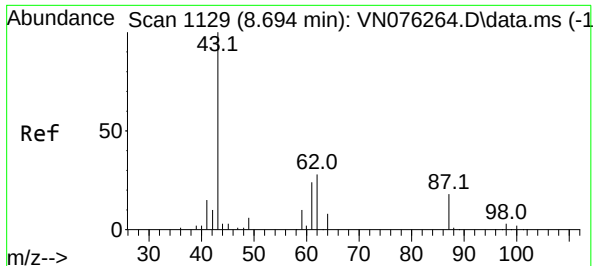


#42
1,2-Dichloroethane
Concen: 18.809 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



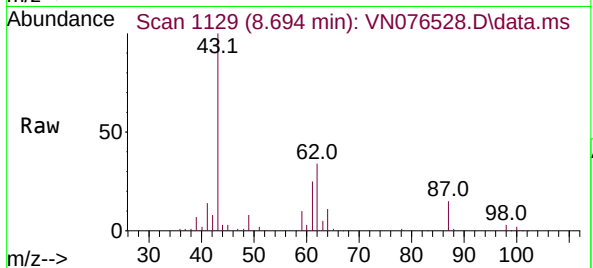
Tgt Ion: 62 Resp: 139447
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.4





#43
Isopropyl Acetate
Concen: 19.300 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

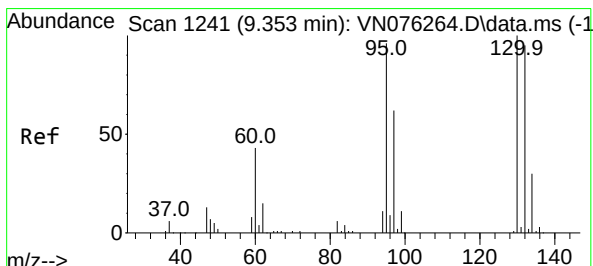
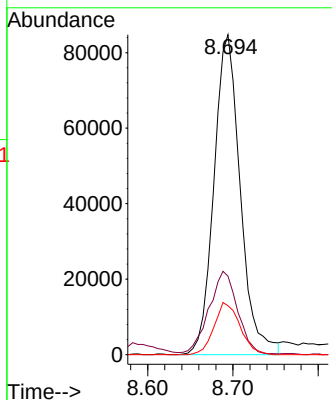
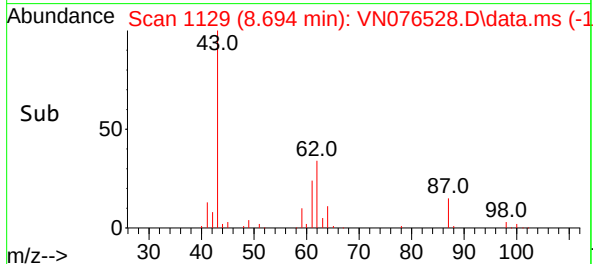
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



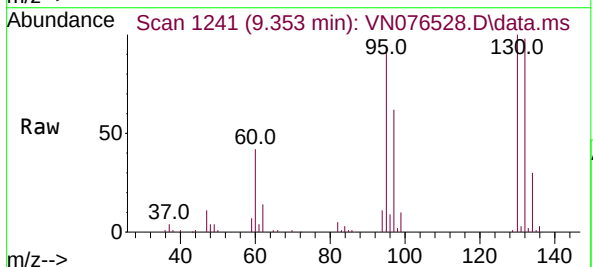
Tgt Ion: 43 Resp: 182490
Ion Ratio Lower Upper
43 100
61 28.0 23.5 35.3
87 16.0 13.8 20.6

Manual Integrations
APPROVED

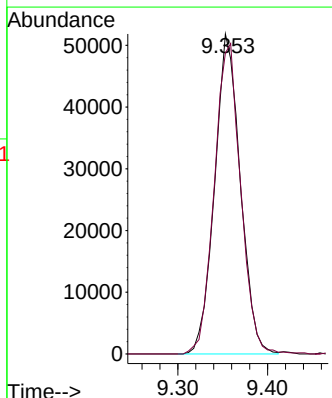
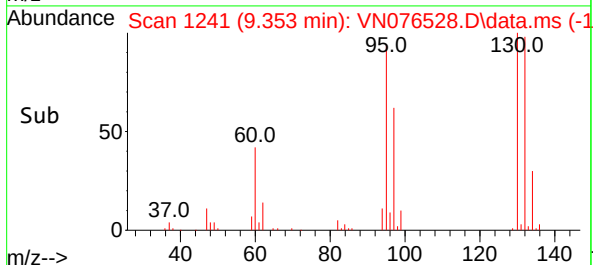
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

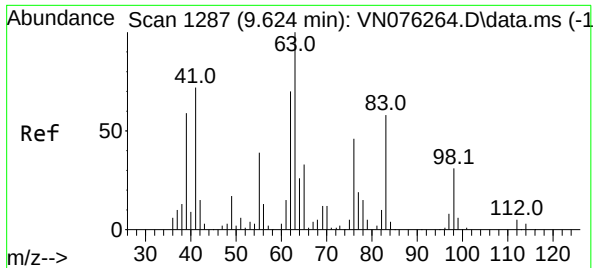


#44
Trichloroethene
Concen: 16.786 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion:130 Resp: 102872
Ion Ratio Lower Upper
130 100
95 94.0 0.0 192.0





#45

1,2-Dichloropropane

Concen: 18.597 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 63 Resp: 9647

Ion Ratio Lower Upper

63 100

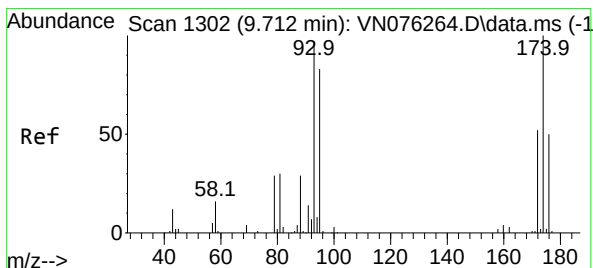
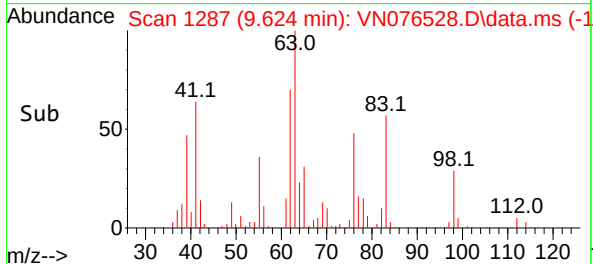
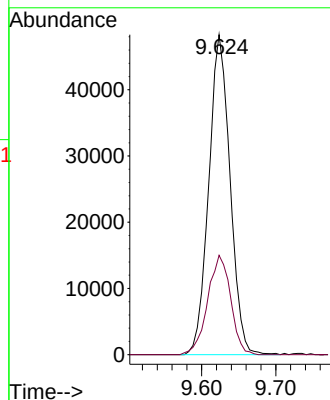
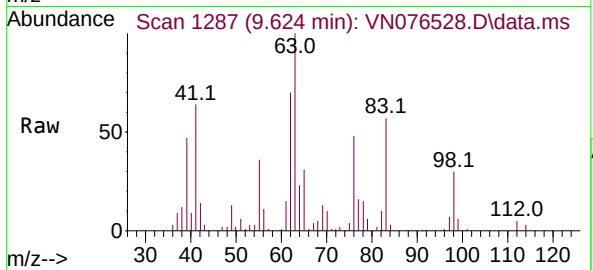
65 31.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#46

Dibromomethane

Concen: 17.886 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

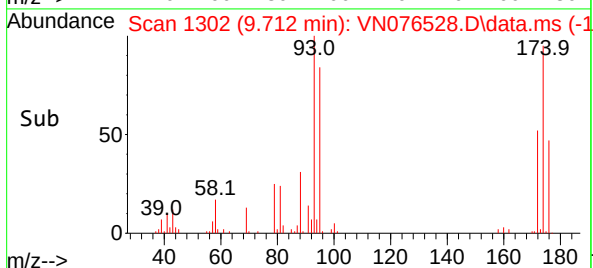
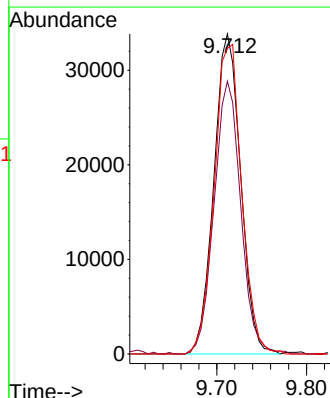
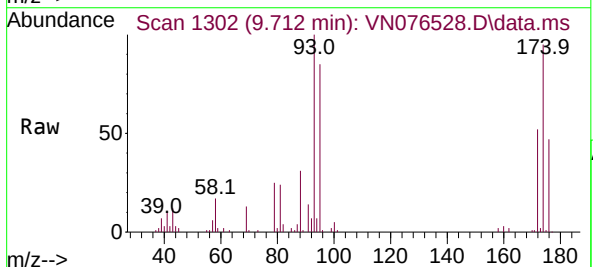
Tgt Ion: 93 Resp: 70055

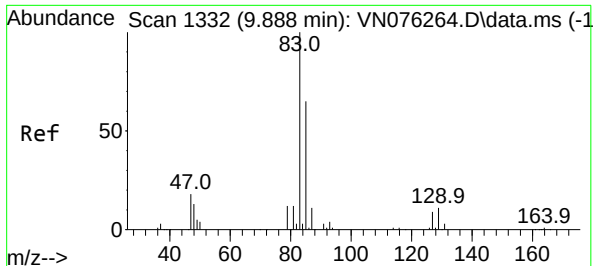
Ion Ratio Lower Upper

93 100

95 85.1 66.0 99.0

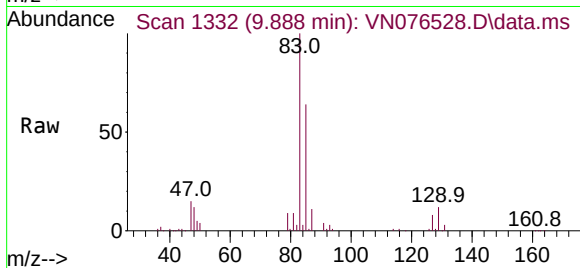
174 99.3 81.3 121.9





#47
Bromodichloromethane
Concen: 19.784 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

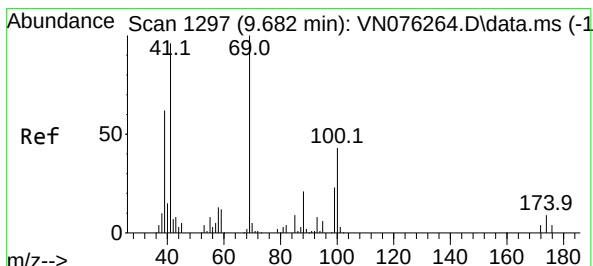
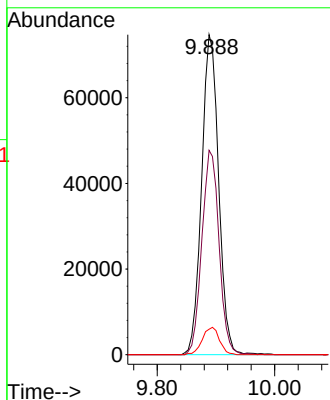
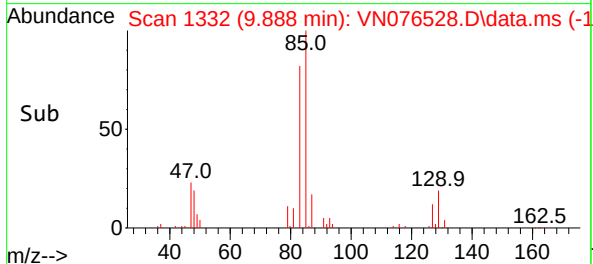
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 83 Resp: 150297
Ion Ratio Lower Upper
83 100
85 63.8 52.1 78.1
127 8.0 7.4 11.0

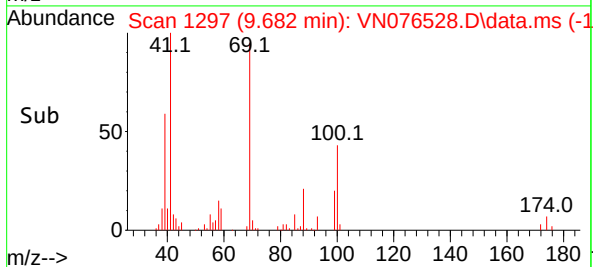
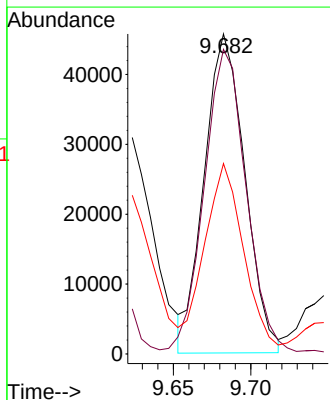
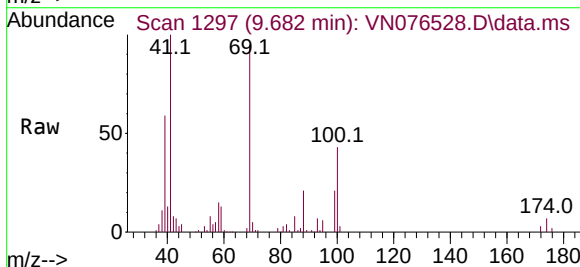
Manual Integrations
APPROVED

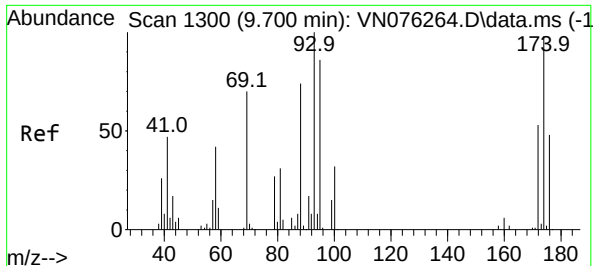
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#48
Methyl methacrylate
Concen: 18.573 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion: 41 Resp: 83142
Ion Ratio Lower Upper
41 100
69 98.6 80.8 121.2
39 58.4 54.4 81.6





#49

1,4-Dioxane

Concen: 393.173 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 88 Resp: 3713

Ion Ratio Lower Upper

88 100

43 21.6 18.1 27.1

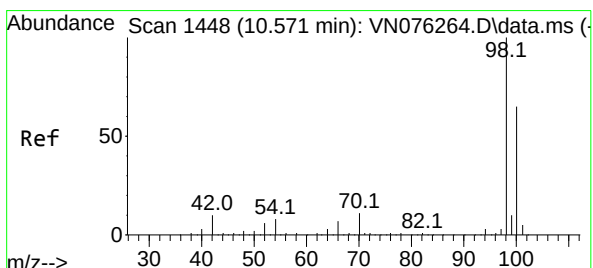
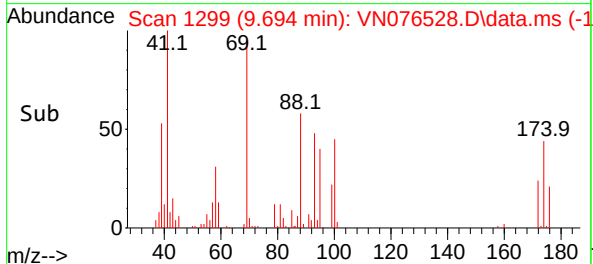
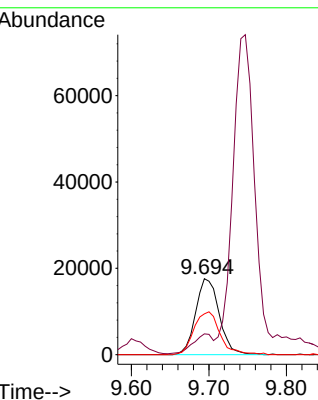
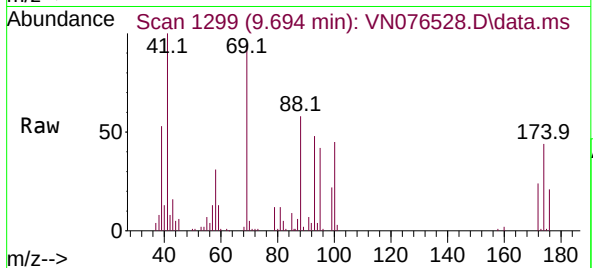
58 62.6 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#50

Toluene-d8

Concen: 48.202 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076528.D

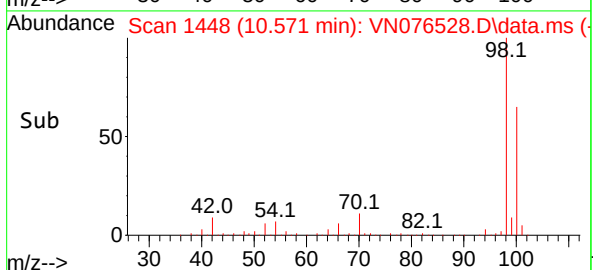
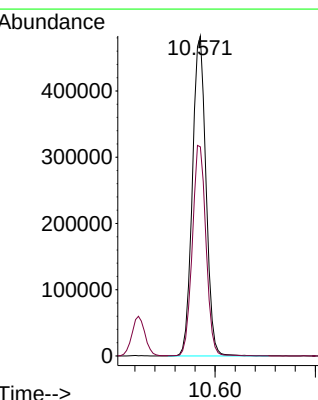
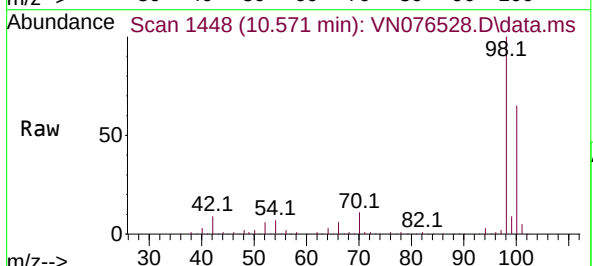
Acq: 03 Feb 2023 13:24

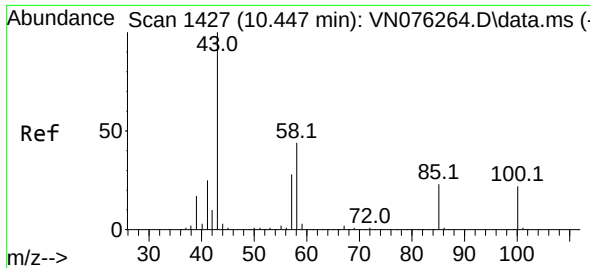
Tgt Ion: 98 Resp: 907818

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4





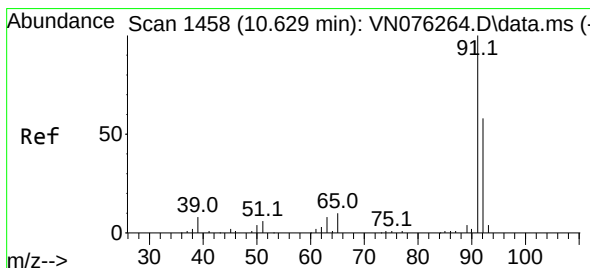
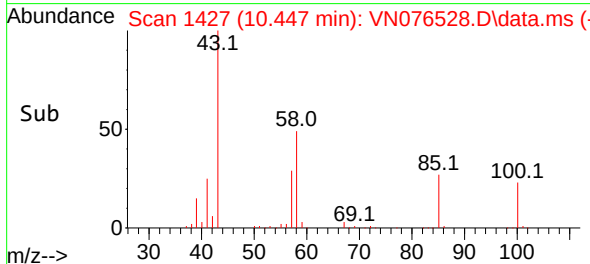
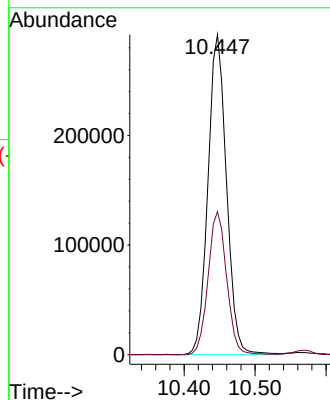
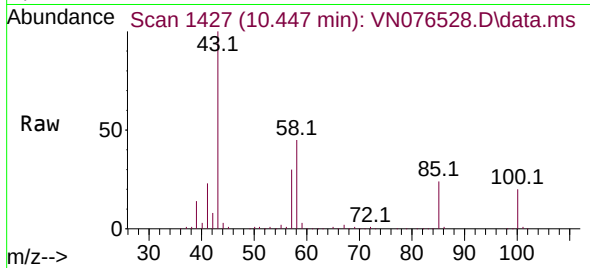
#51
4-Methyl-2-Pentanone
Concen: 95.426 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 43 Resp: 52968
Ion Ratio Lower Upper
43 100
58 44.7 35.1 52.7

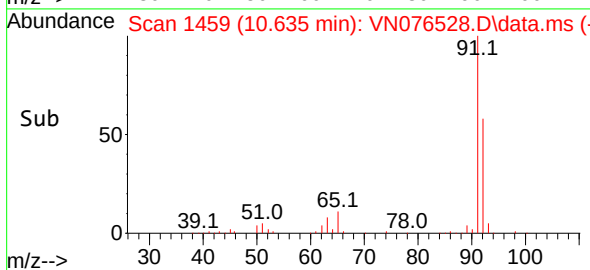
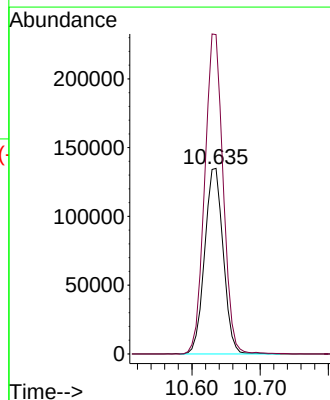
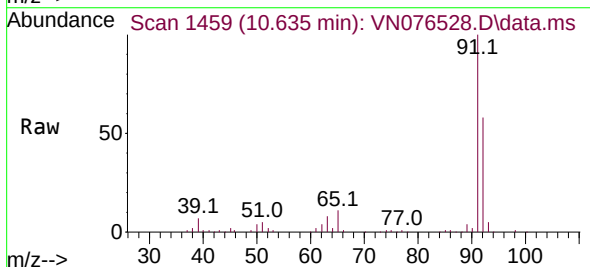
Manual Integrations
APPROVED

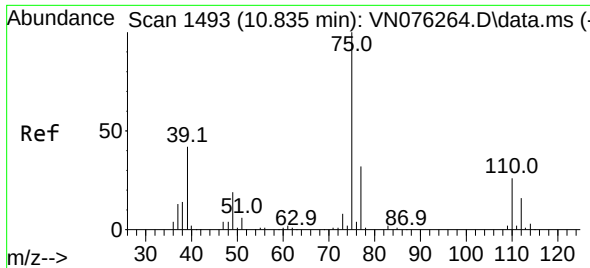
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#52
Toluene
Concen: 17.618 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

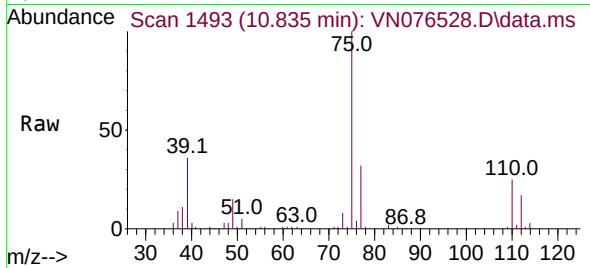
Tgt Ion: 92 Resp: 255288
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 20.078 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

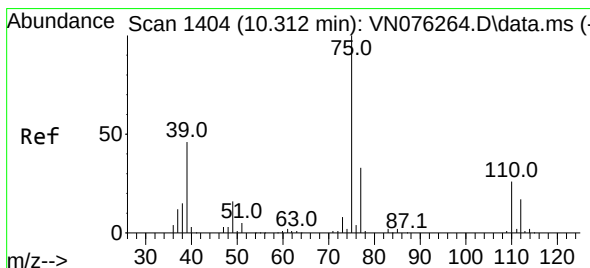
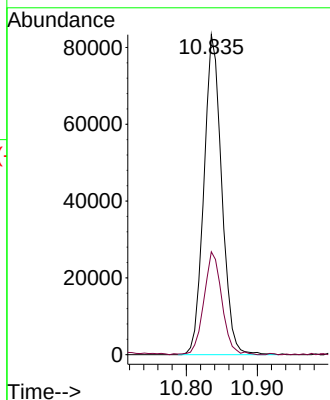
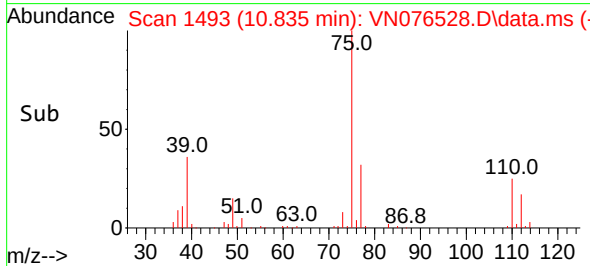
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 75 Resp: 145404
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

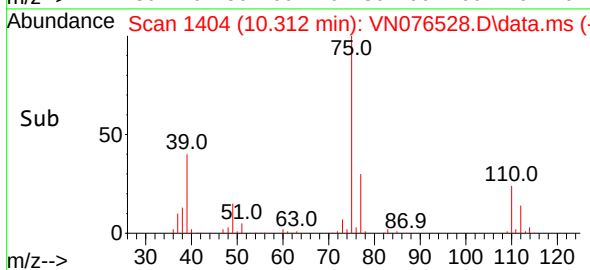
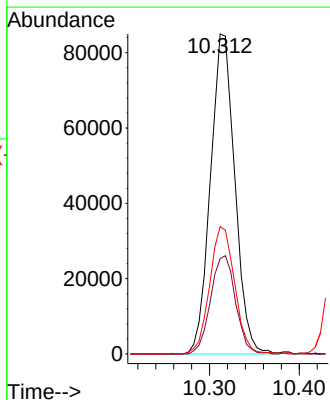
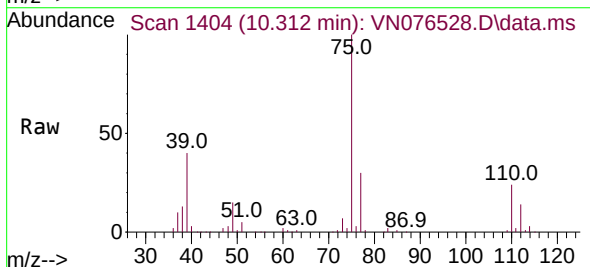
Manual Integrations
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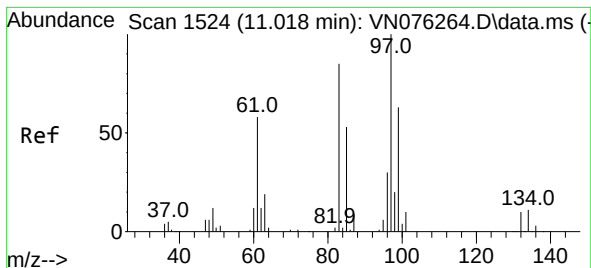
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#54
cis-1,3-Dichloropropene
Concen: 19.269 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

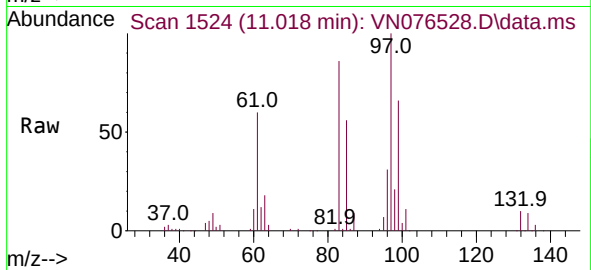
Tgt Ion: 75 Resp: 160538
Ion Ratio Lower Upper
75 100
77 29.8 26.5 39.7
39 39.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.227 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

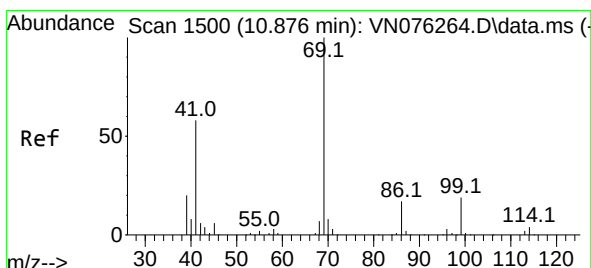
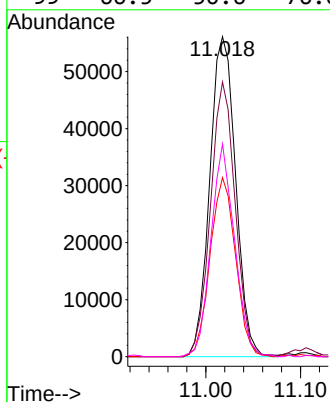
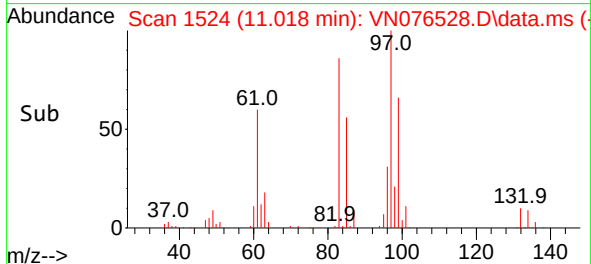
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 97 Resp: 106490
Ion Ratio Lower Upper
97 100
83 85.9 67.8 101.6
85 56.0 42.3 63.5
99 66.5 50.6 76.0

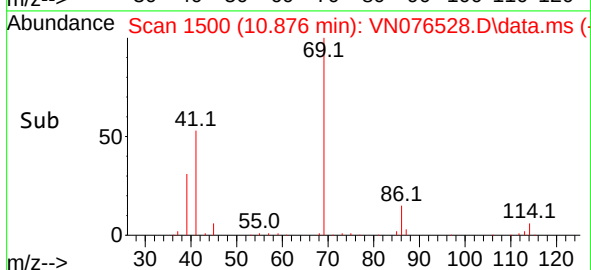
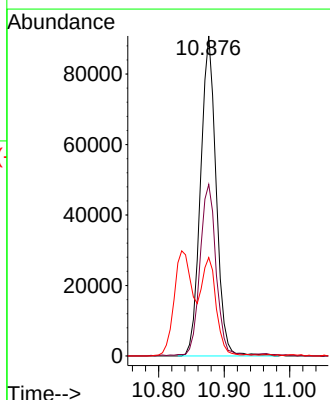
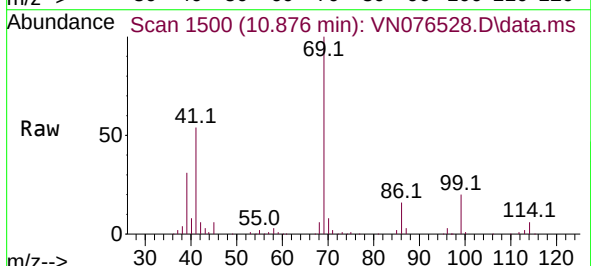
Manual Integrations
APPROVED

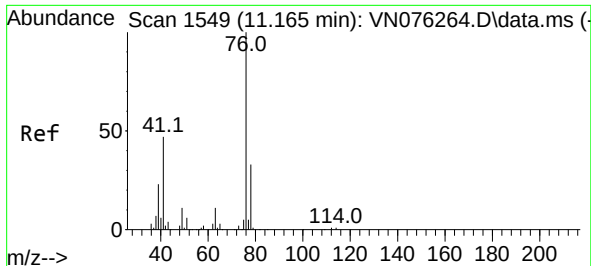
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#56
Ethyl methacrylate
Concen: 21.026 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion: 69 Resp: 150347
Ion Ratio Lower Upper
69 100
41 55.1 45.3 67.9
39 28.1 29.3 43.9#





#57

1,3-Dichloropropane

Concen: 19.180 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion: 76 Resp: 17263

Ion Ratio Lower Upper

76 100

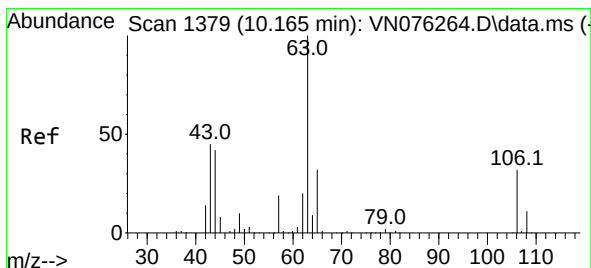
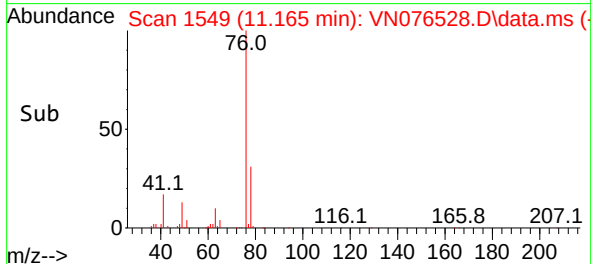
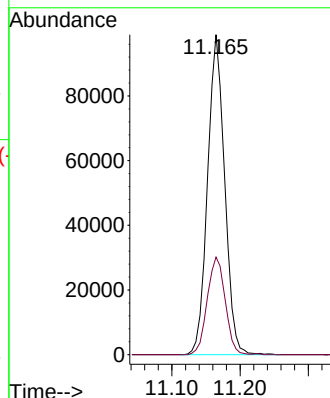
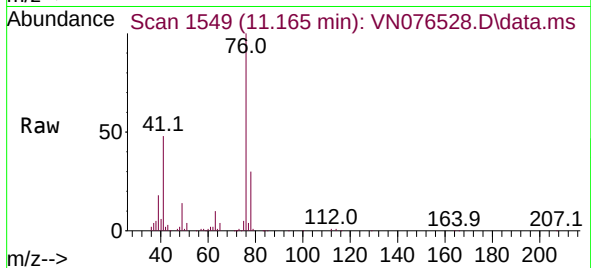
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 79.803 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076528.D

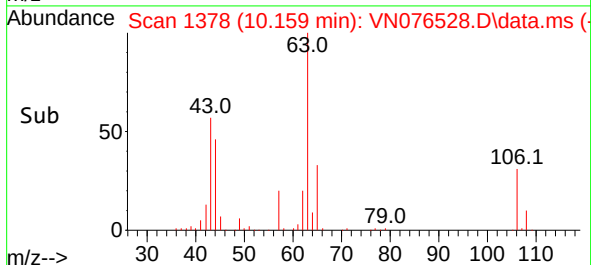
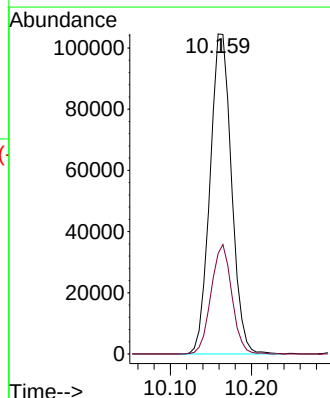
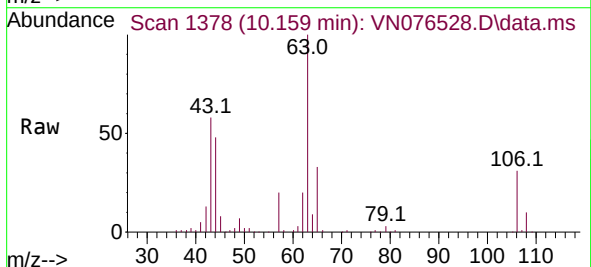
Acq: 03 Feb 2023 13:24

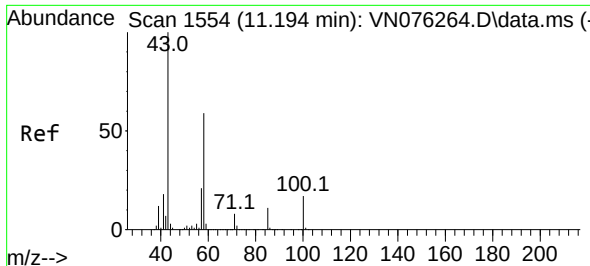
Tgt Ion: 63 Resp: 192643

Ion Ratio Lower Upper

63 100

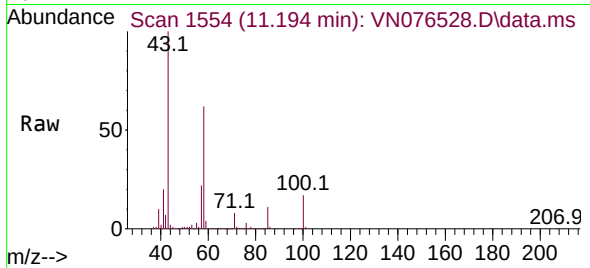
106 32.9 26.2 39.2





#59
2-Hexanone
Concen: 94.906 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

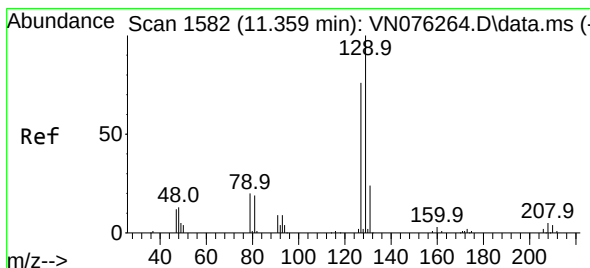
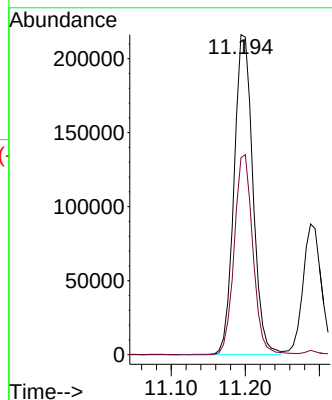
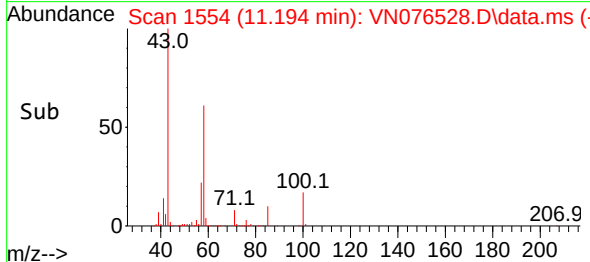
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 43 Resp: 381749
Ion Ratio Lower Upper
43 100
58 61.9 30.1 90.3

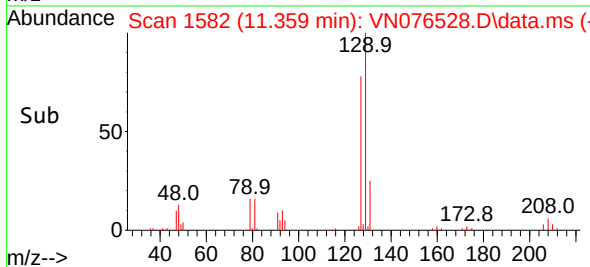
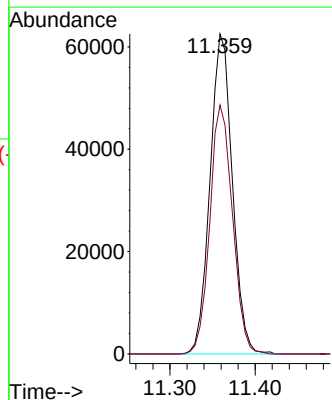
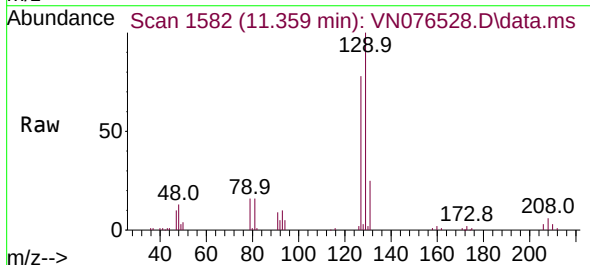
Manual Integrations
APPROVED

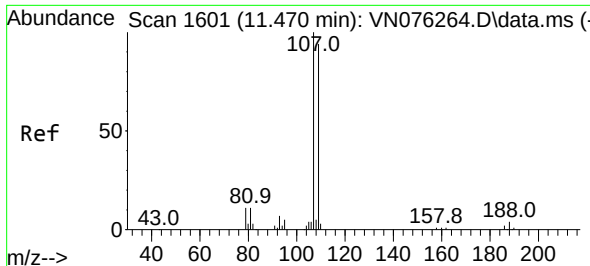
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#60
Dibromochloromethane
Concen: 19.528 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

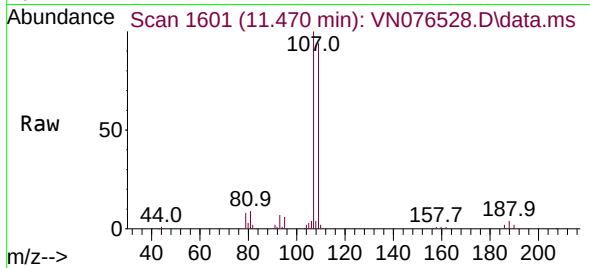
Tgt Ion:129 Resp: 113860
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.017 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

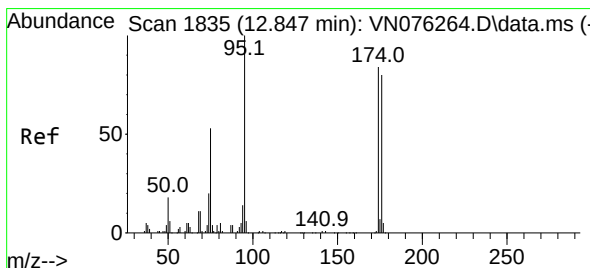
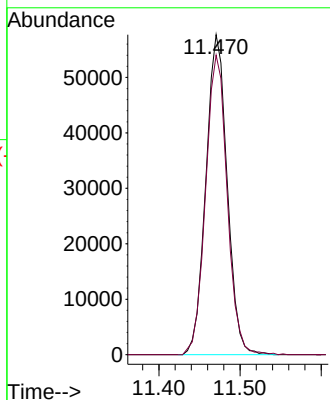
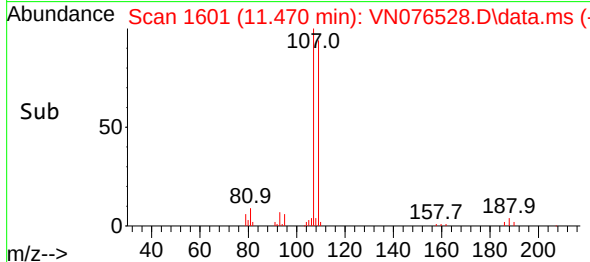
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



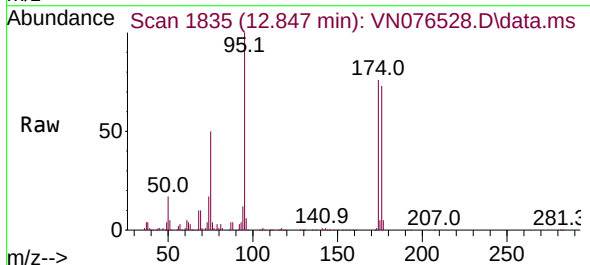
Tgt Ion:107 Resp: 105134
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

Manual Integrations
APPROVED

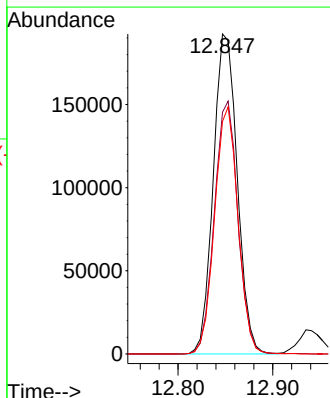
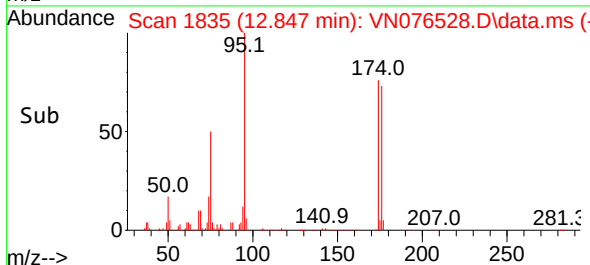
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

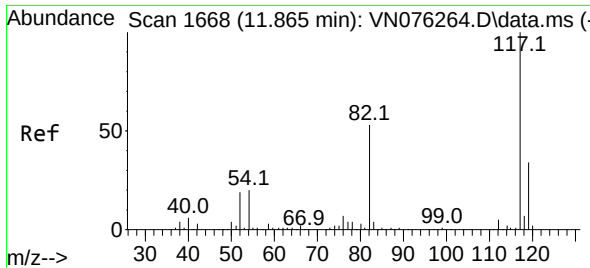


#62
4-Bromofluorobenzene
Concen: 55.055 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



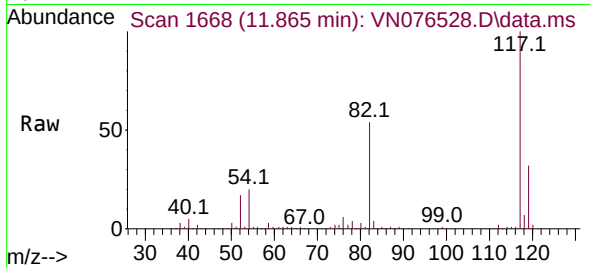
Tgt Ion: 95 Resp: 338491
Ion Ratio Lower Upper
95 100
174 77.6 0.0 174.6
176 75.4 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

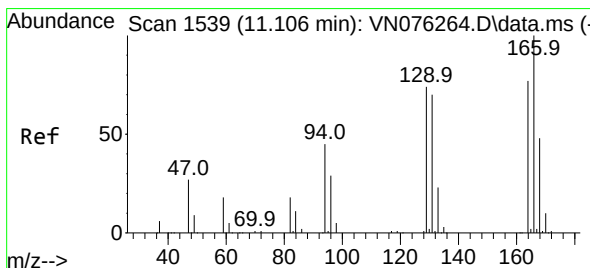
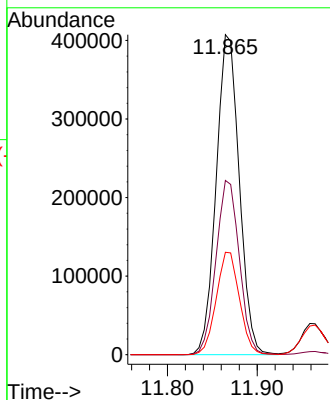
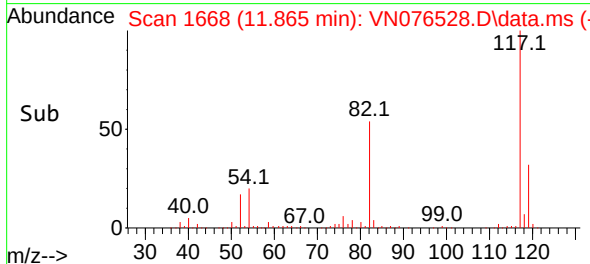
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion:117 Resp: 729225
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.2
119 32.0 26.9 40.3

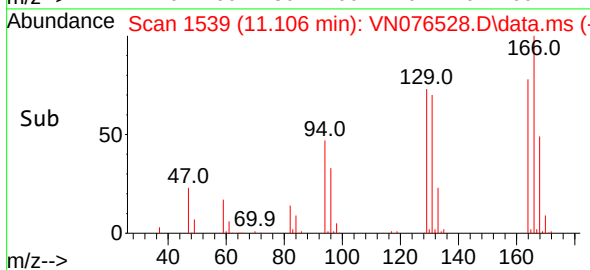
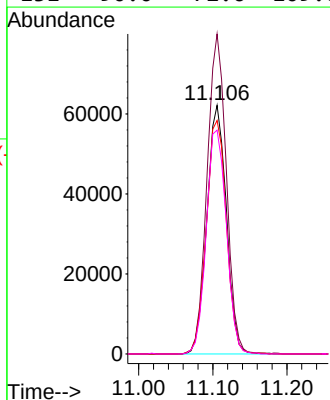
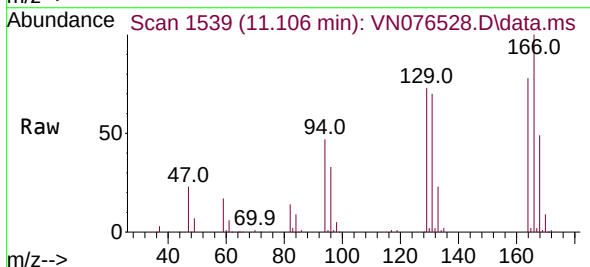
Manual Integrations
APPROVED

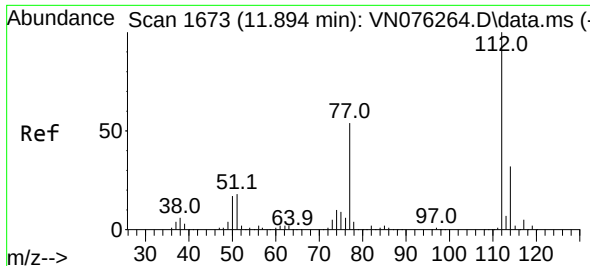
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#64
Tetrachloroethene
Concen: 17.322 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

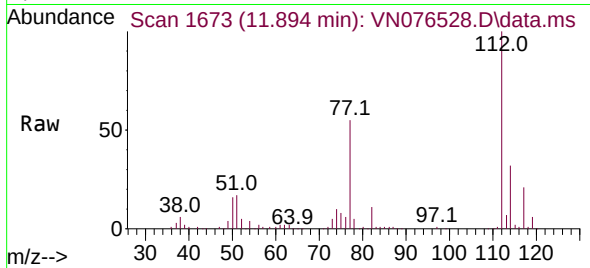
Tgt Ion:164 Resp: 113914
Ion Ratio Lower Upper
164 100
166 128.7 104.0 156.0
129 93.9 76.6 114.8
131 90.0 72.6 109.0





#65
Chlorobenzene
Concen: 17.923 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

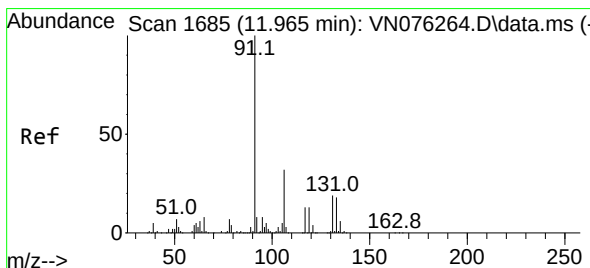
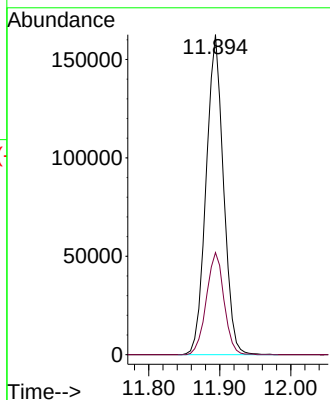
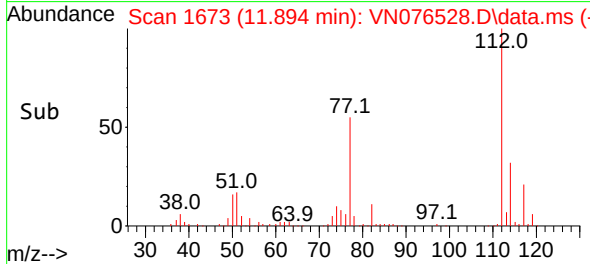
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



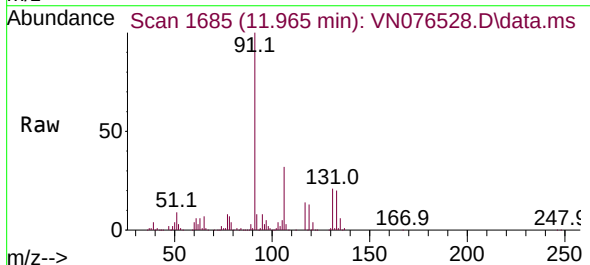
Tgt Ion:112 Resp: 276279
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

Manual Integrations
APPROVED

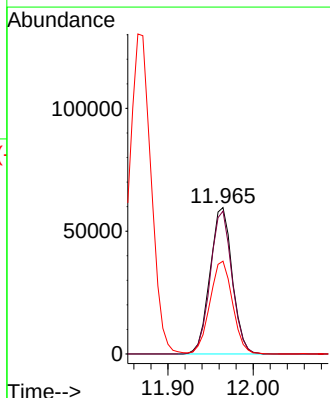
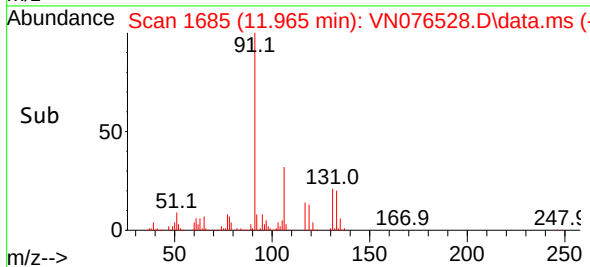
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

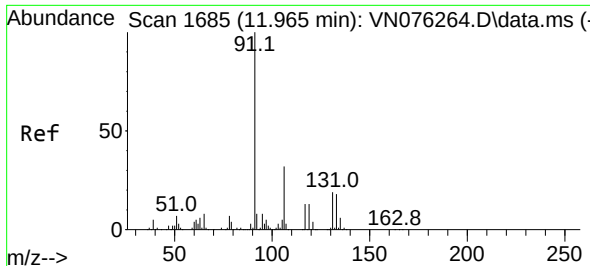


#66
1,1,1,2-Tetrachloroethane
Concen: 18.835 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



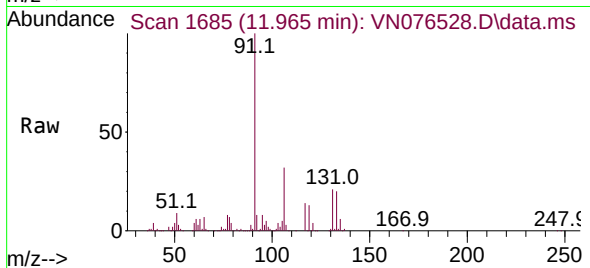
Tgt Ion:131 Resp: 108023
Ion Ratio Lower Upper
131 100
133 95.3 47.4 142.2
119 64.7 32.3 96.8





#67
Ethyl Benzene
Concen: 18.610 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

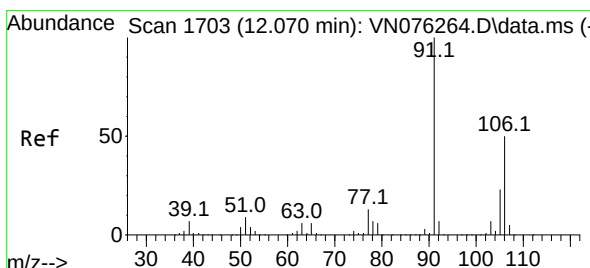
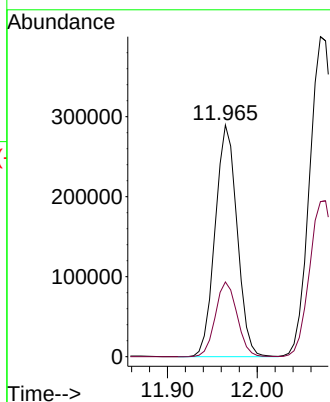
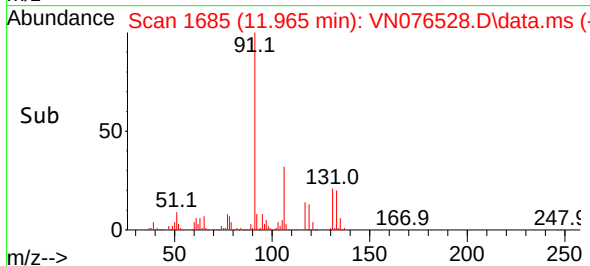
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



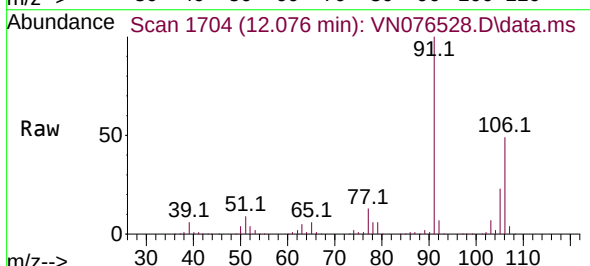
Tgt Ion: 91 Resp: 490974
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

Manual Integrations
APPROVED

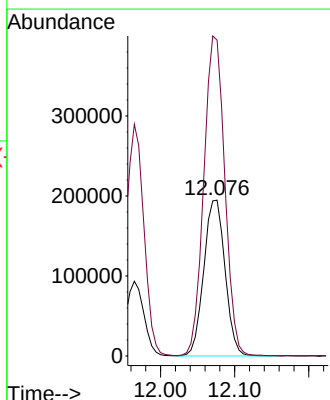
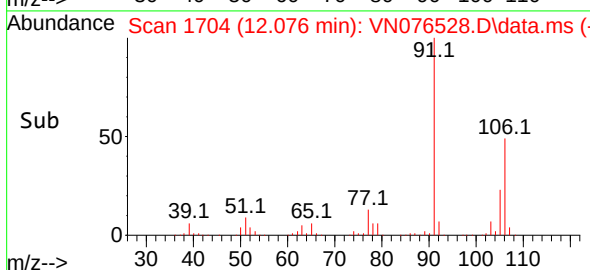
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

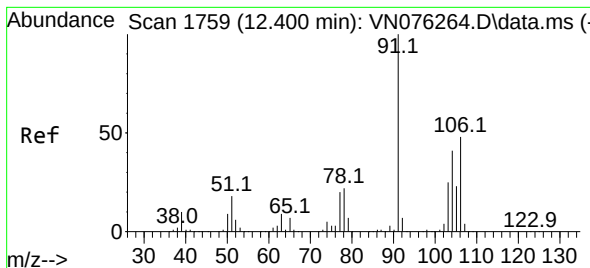


#68
m/p-Xylenes
Concen: 36.706 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion:106 Resp: 388311
Ion Ratio Lower Upper
106 100
91 202.8 157.5 236.3





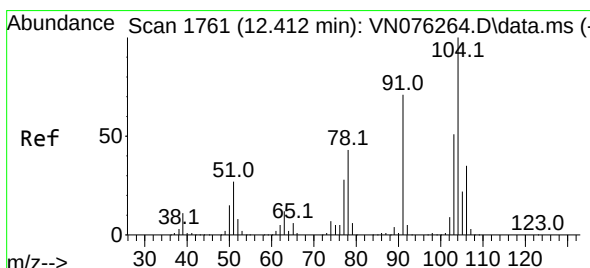
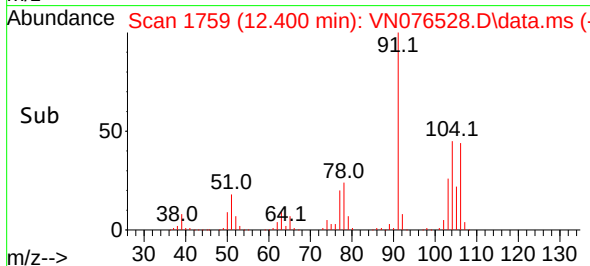
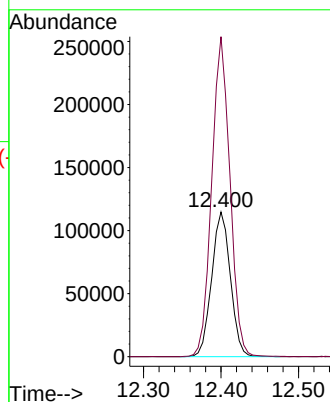
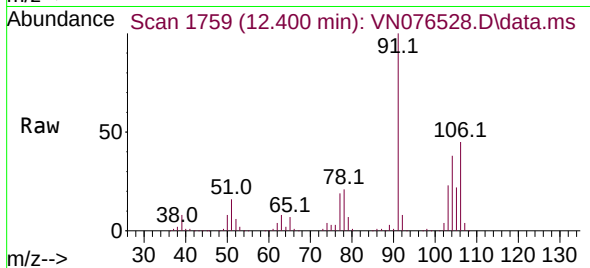
#69
o-Xylene
Concen: 18.527 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion:106 Resp: 192472
Ion Ratio Lower Upper
106 100
91 215.5 103.2 309.4

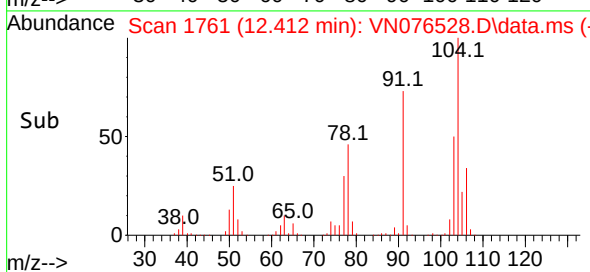
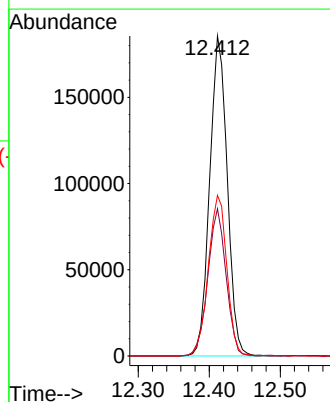
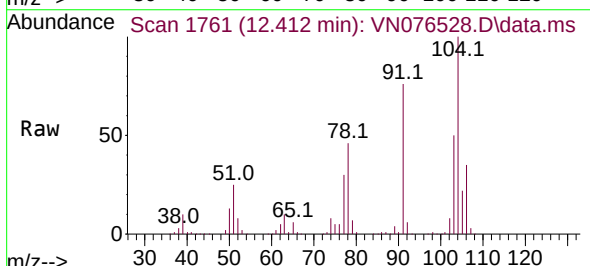
Manual Integrations
APPROVED

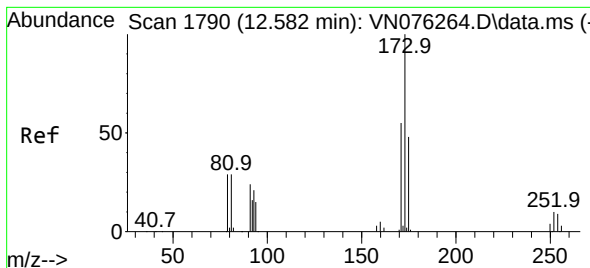
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#70
Styrene
Concen: 19.211 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion:104 Resp: 318664
Ion Ratio Lower Upper
104 100
78 47.8 37.4 56.0
103 53.0 44.2 66.2





#71

Bromoform

Concen: 19.005 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

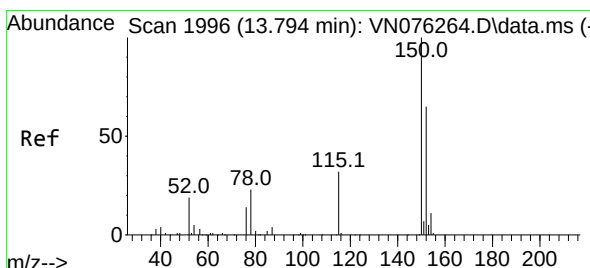
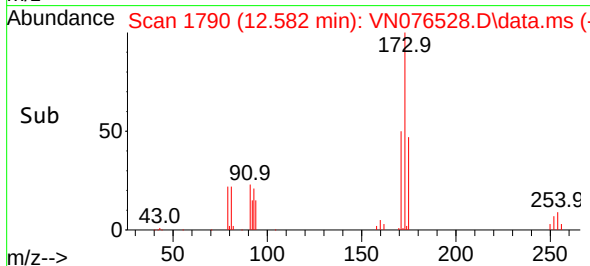
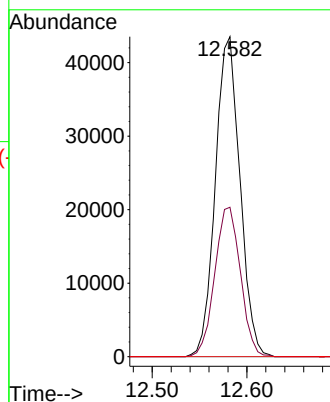
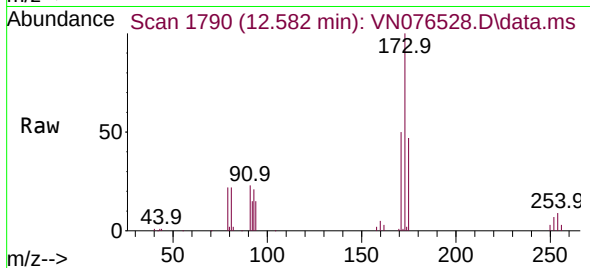
Tgt Ion:173	Resp:	7871
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

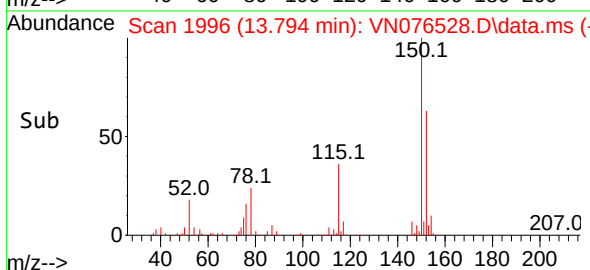
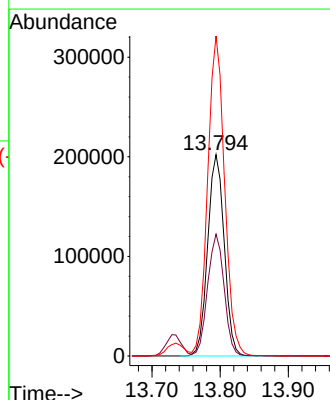
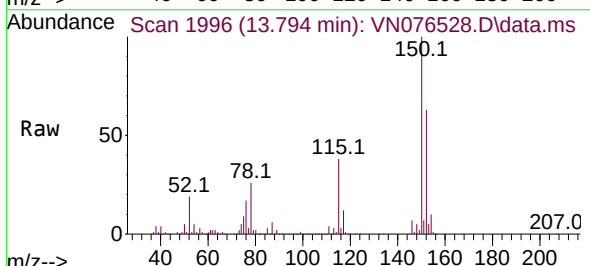
RT: 13.794 min Scan# 1996

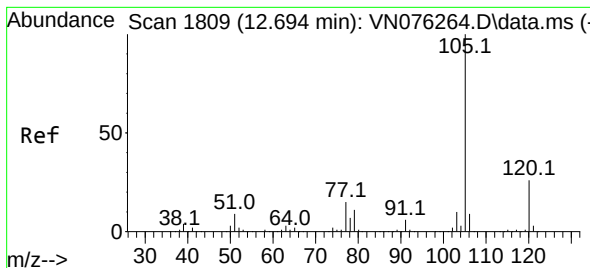
Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Tgt Ion:152	Resp:	341212
Ion Ratio	Lower	Upper
152	100	
115	60.3	29.6 88.9
150	162.6	0.0 351.4





#73

Isopropylbenzene

Concen: 19.251 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion:105 Resp: 50815

Ion Ratio Lower Upper

105 100

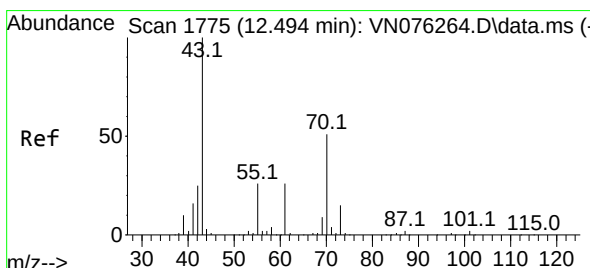
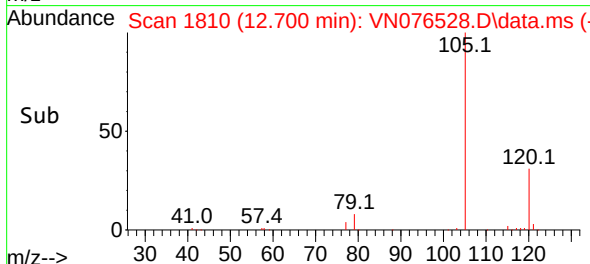
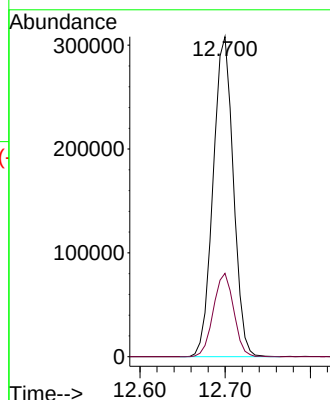
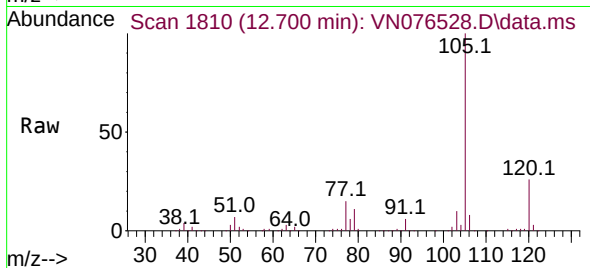
120 26.2 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#74

N-ethyl acetate

Concen: 19.411 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Tgt Ion: 43 Resp: 147382

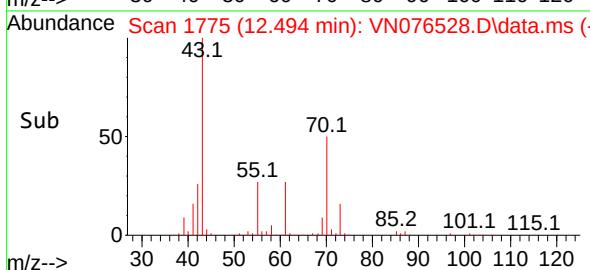
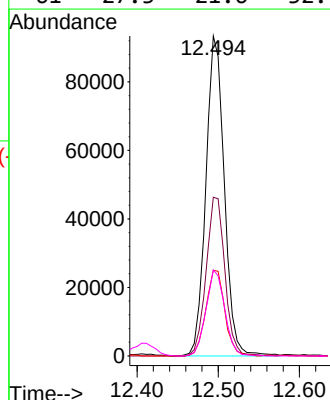
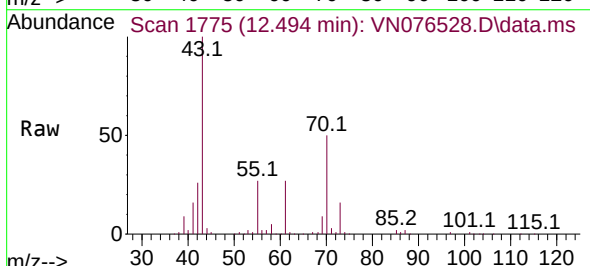
Ion Ratio Lower Upper

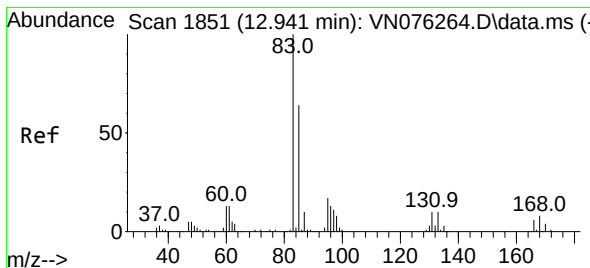
43 100

70 50.4 41.2 61.8

55 27.5 21.0 31.6

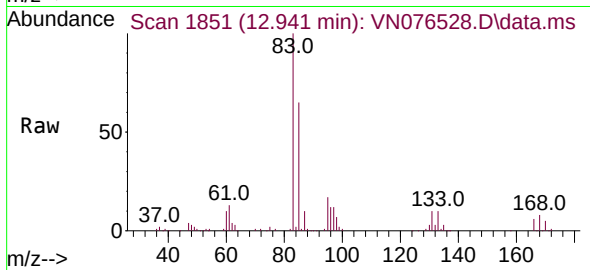
61 27.3 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 18.926 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

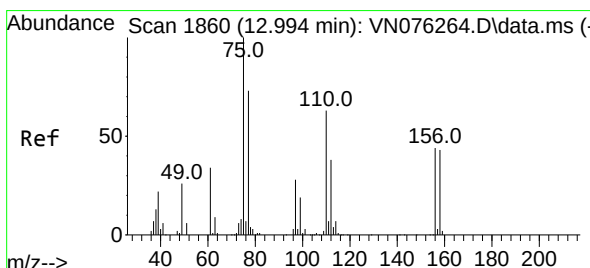
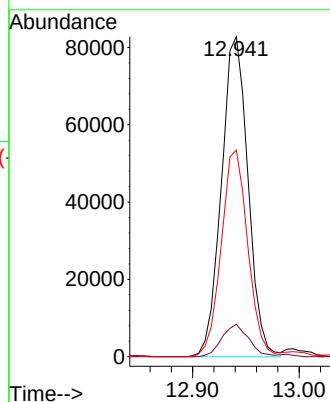
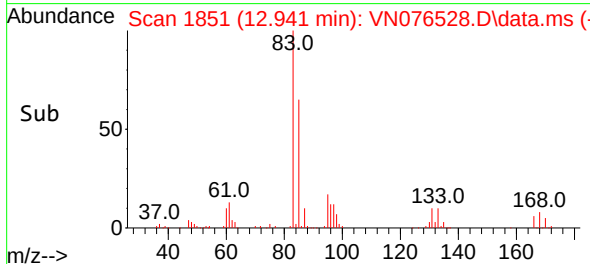
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



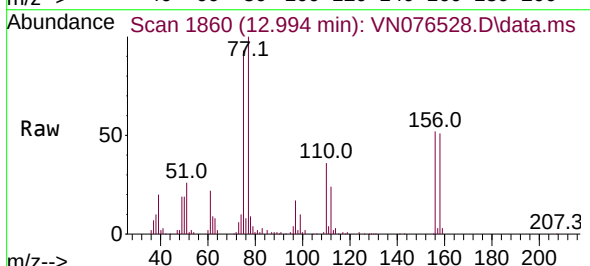
Tgt Ion: 83 Resp: 143610
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.4
85 64.4 31.7 95.1

Manual Integrations
APPROVED

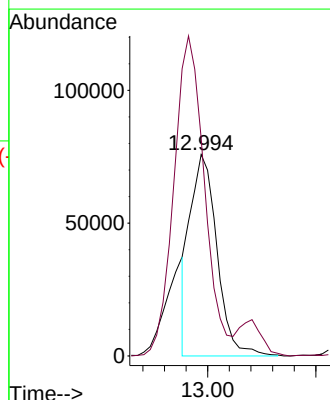
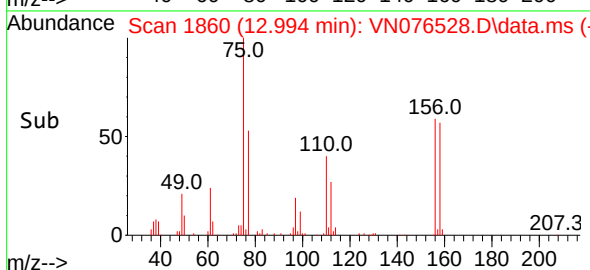
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

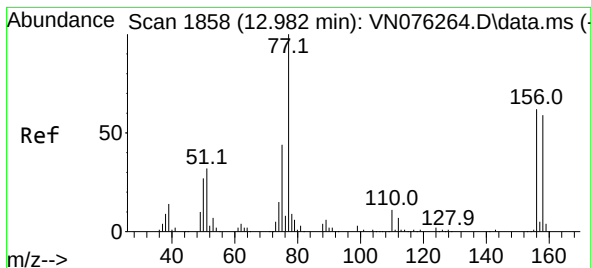


#76
1,2,3-Trichloropropane
Concen: 20.478 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion: 75 Resp: 130769
Ion Ratio Lower Upper
75 100
77 181.2 75.2 225.6





#77

Bromobenzene

Concen: 19.120 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

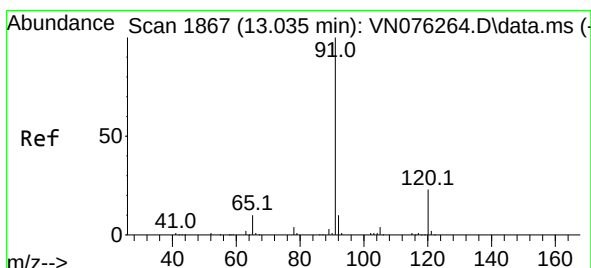
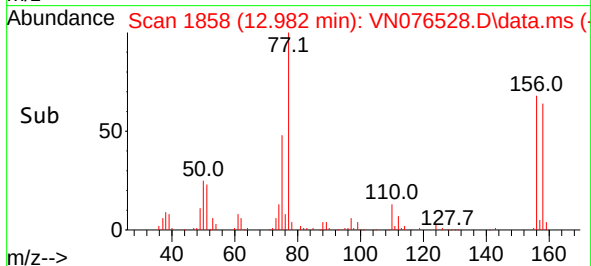
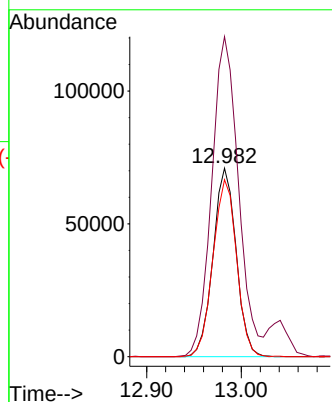
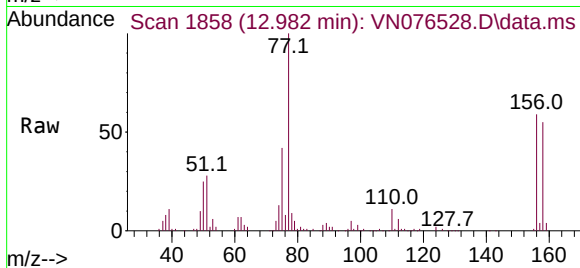
Tgt Ion:156 Resp: 120138
 Ion Ratio Lower Upper
 156 100
 77 197.2 93.4 280.2
 158 96.2 48.4 145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#78

n-propylbenzene

Concen: 19.188 ug/l

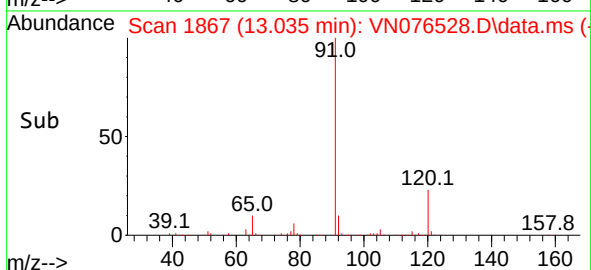
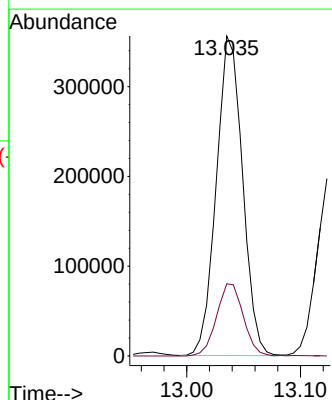
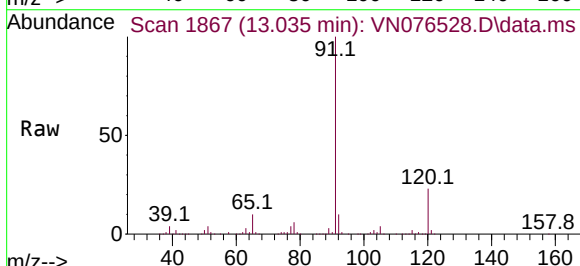
RT: 13.035 min Scan# 1867

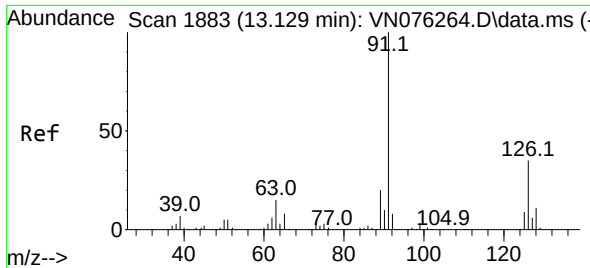
Delta R.T. 0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Tgt Ion: 91 Resp: 571486
 Ion Ratio Lower Upper
 91 100
 120 23.0 11.9 35.5





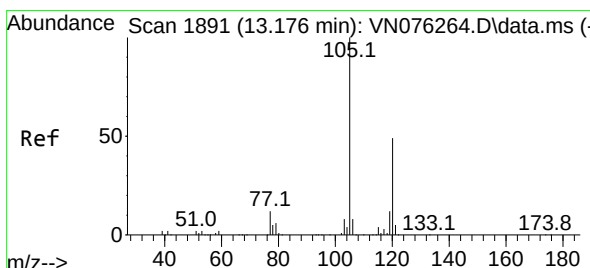
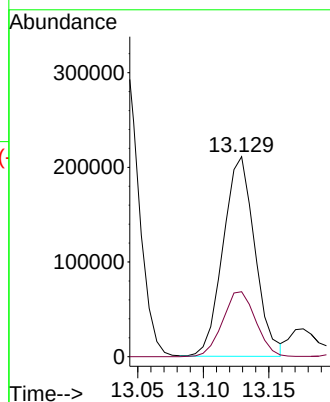
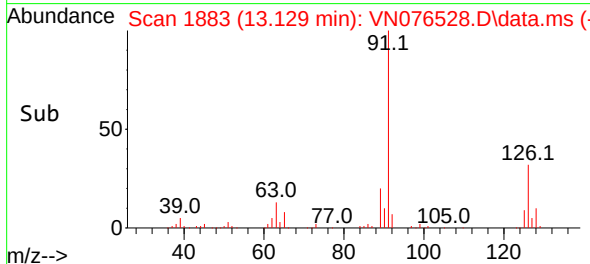
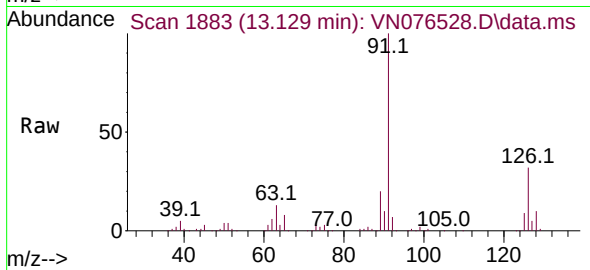
#79
2-Chlorotoluene
Concen: 19.472 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 91 Resp: 35588
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2

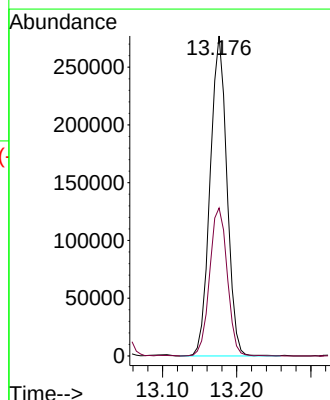
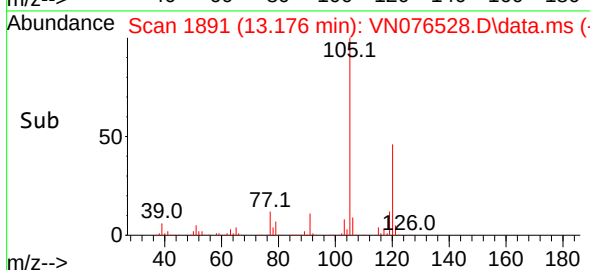
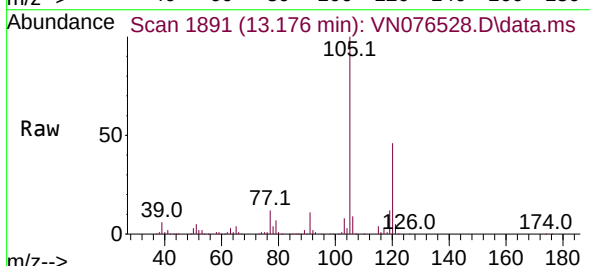
Manual Integrations
APPROVED

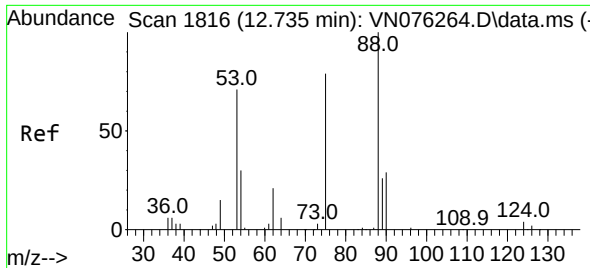
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.710 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

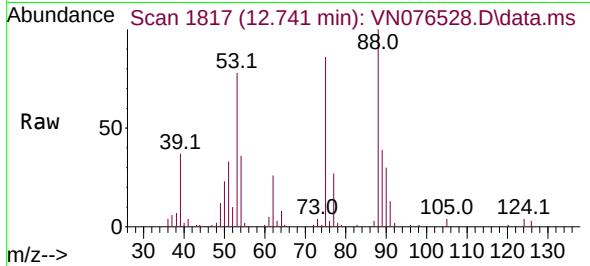
Tgt Ion:105 Resp: 435866
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.030 ug/l m
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

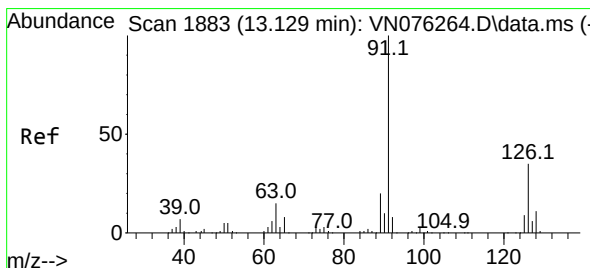
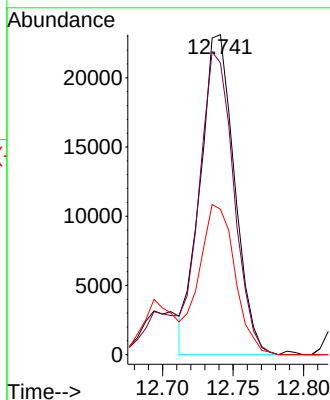
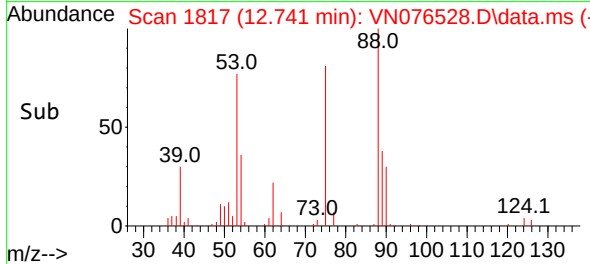
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion: 75 Resp: 3902
Ion Ratio Lower Upper
75 100
53 108.8 75.8 113.8
89 49.3 37.0 55.6

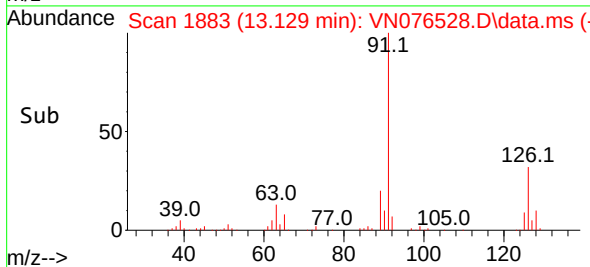
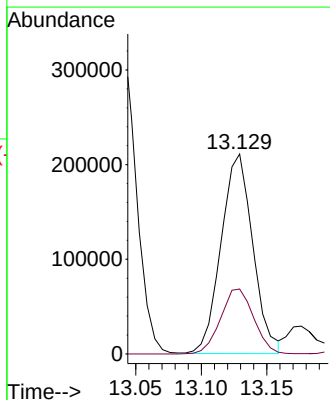
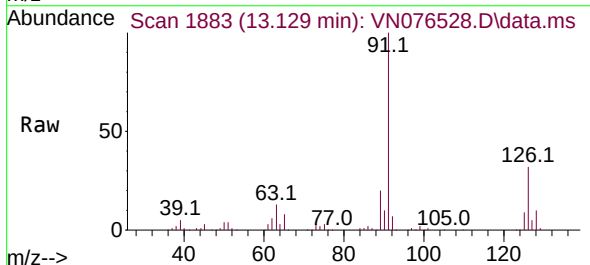
Manual Integrations
APPROVED

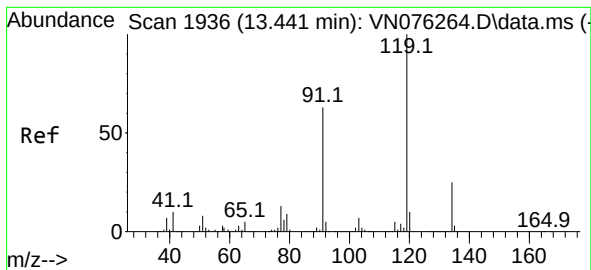
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#82
4-Chlorotoluene
Concen: 19.472 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

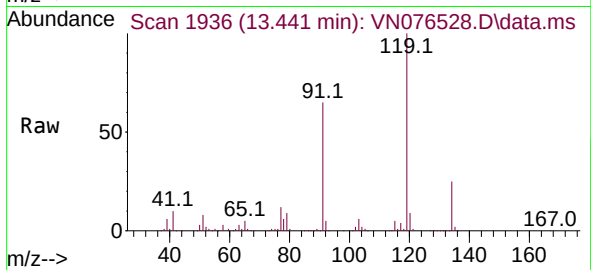
Tgt Ion: 91 Resp: 355885
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2





#83
tert-Butylbenzene
Concen: 20.109 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

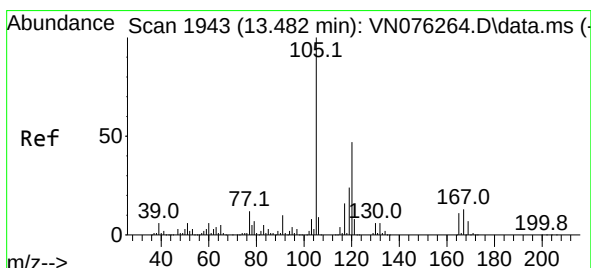
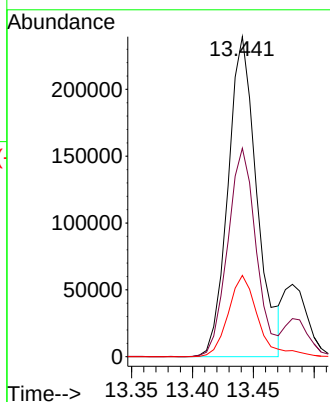
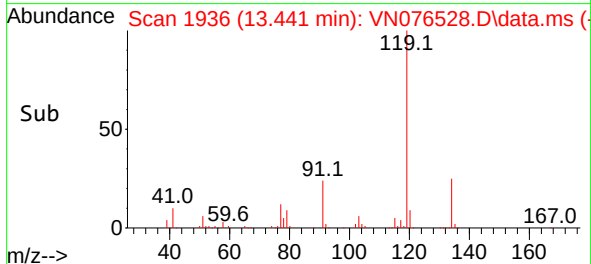
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion:119 Resp: 395502
Ion Ratio Lower Upper
119 100
91 64.5 32.2 96.6
134 26.2 13.6 40.8

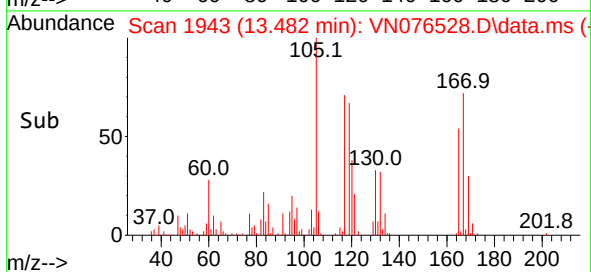
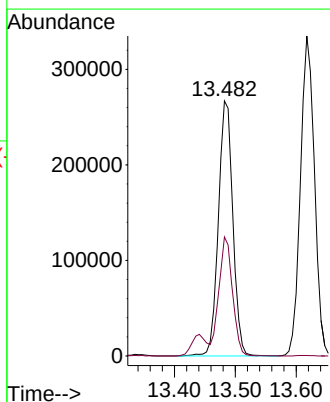
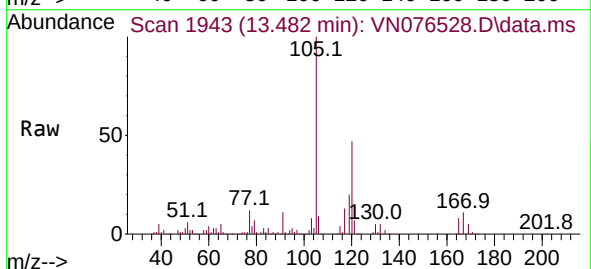
Manual Integrations
APPROVED

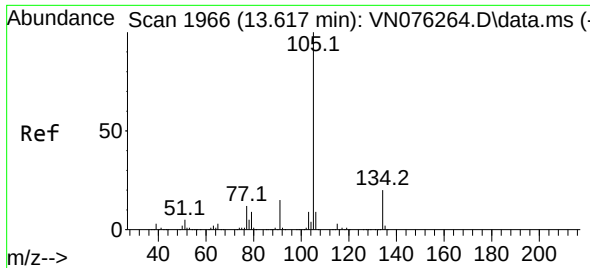
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.833 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion:105 Resp: 439773
Ion Ratio Lower Upper
105 100
120 44.0 22.9 68.5





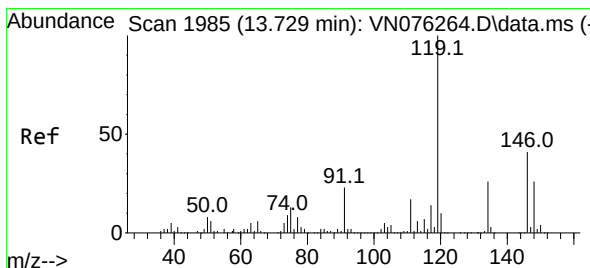
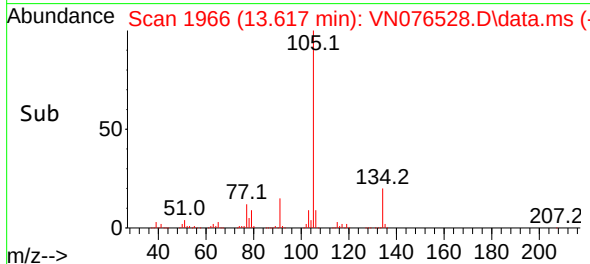
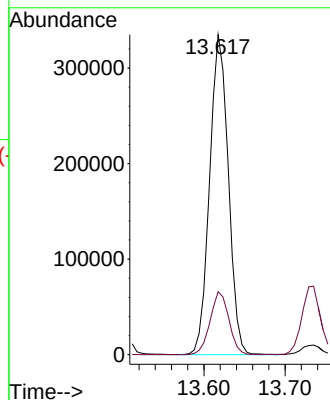
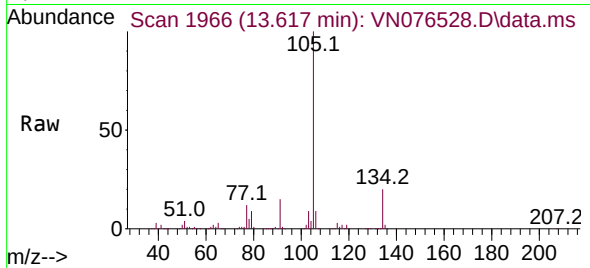
#85
 sec-Butylbenzene
 Concen: 19.623 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076528.D
 Acq: 03 Feb 2023 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Tgt Ion:105 Resp: 53554
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8

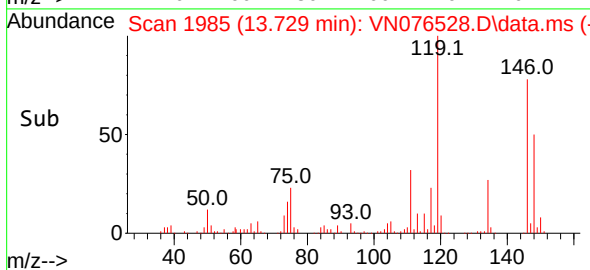
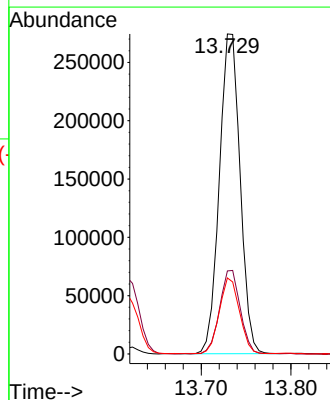
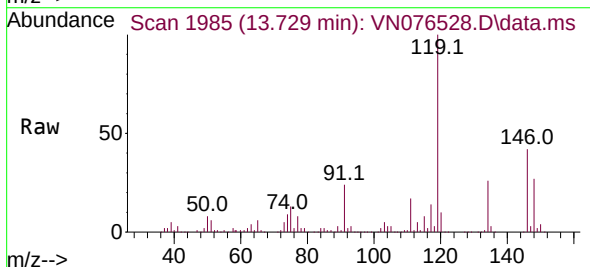
Manual Integrations
 APPROVED

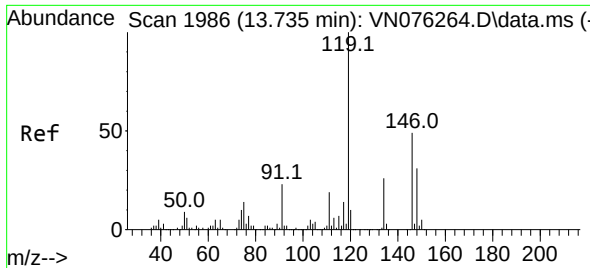
Reviewed By :John Carlone 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#86
 p-Isopropyltoluene
 Concen: 19.648 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076528.D
 Acq: 03 Feb 2023 13:24

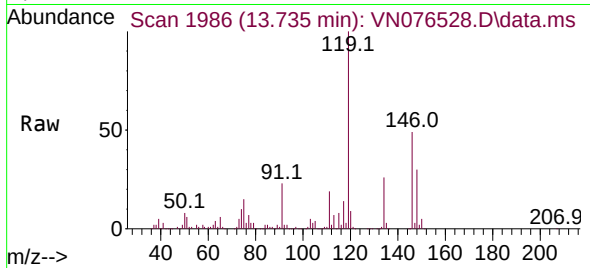
Tgt Ion:119 Resp: 440936
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 23.0 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 17.816 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

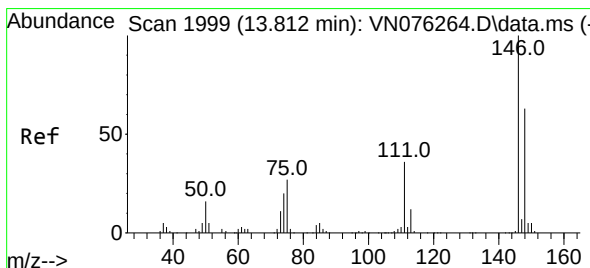
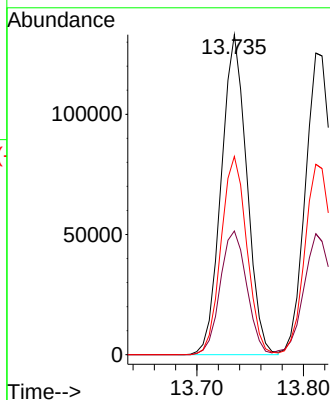
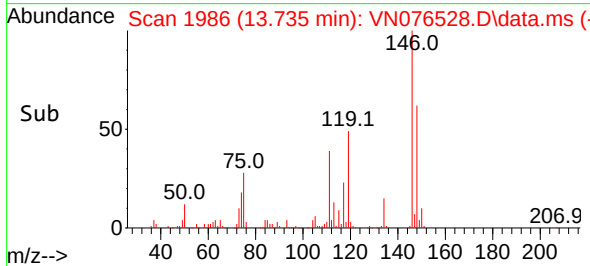
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



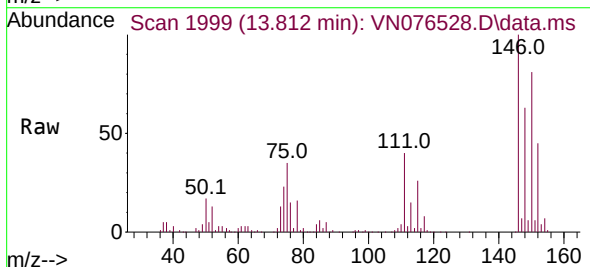
Tgt Ion:146 Resp: 22166
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 62.3 31.6 94.8

Manual Integrations
APPROVED

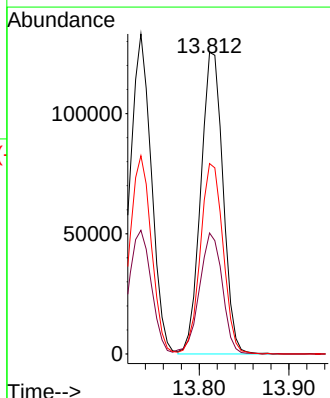
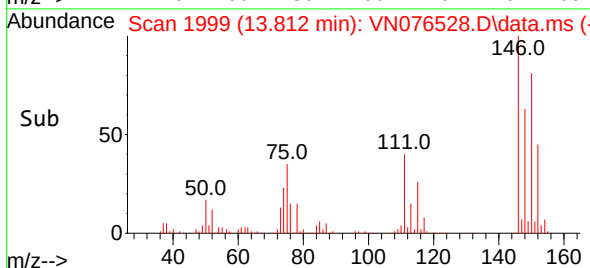
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

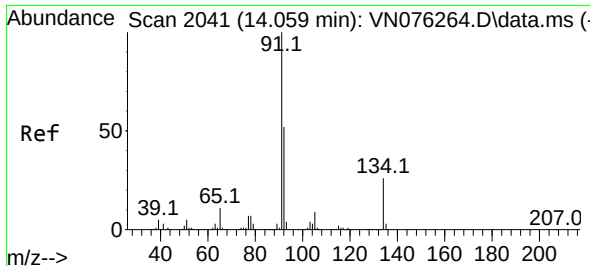


#88
1,4-Dichlorobenzene
Concen: 18.336 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24



Tgt Ion:146 Resp: 216245
Ion Ratio Lower Upper
146 100
111 41.2 19.1 57.5
148 64.6 31.9 95.9





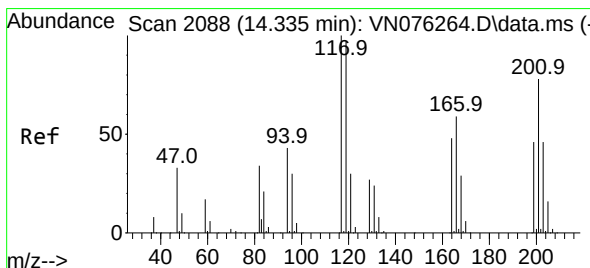
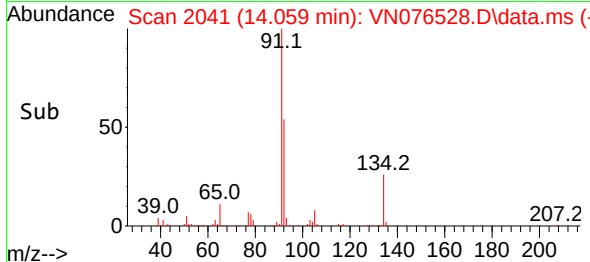
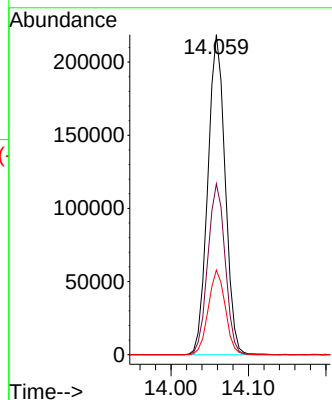
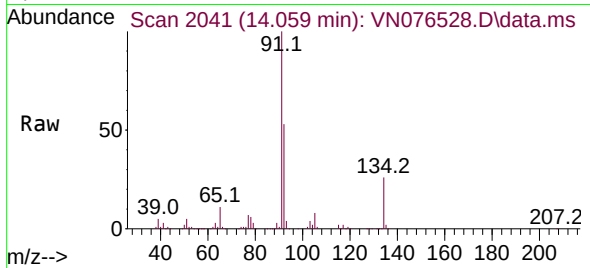
#89
n-Butylbenzene
Concen: 19.065 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01

Tgt Ion: 91 Resp: 339640
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 25.9 13.2 39.5

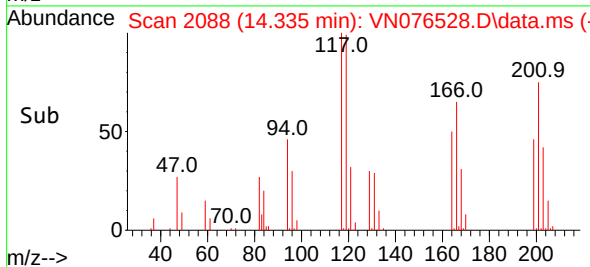
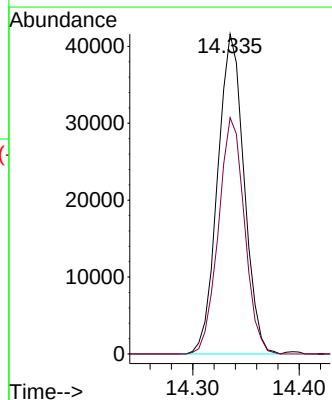
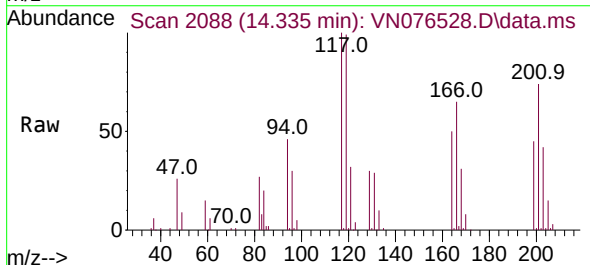
Manual Integrations
APPROVED

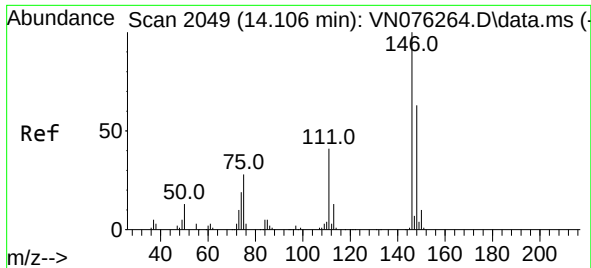
Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#90
Hexachloroethane
Concen: 18.506 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion:117 Resp: 71681
Ion Ratio Lower Upper
117 100
201 72.9 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 17.606 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

Tgt Ion:146 Resp: 21816

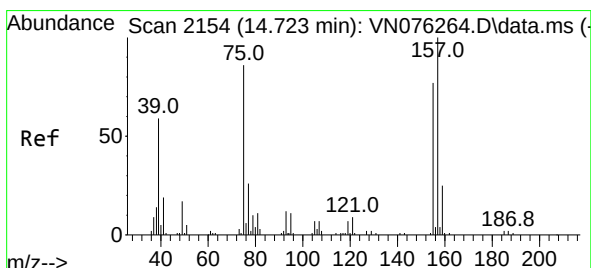
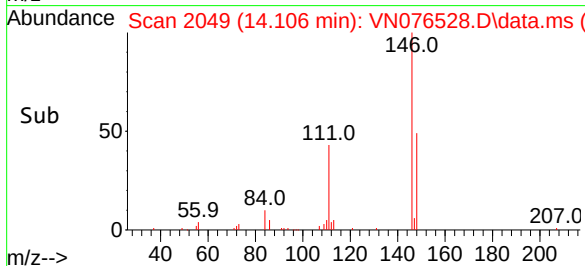
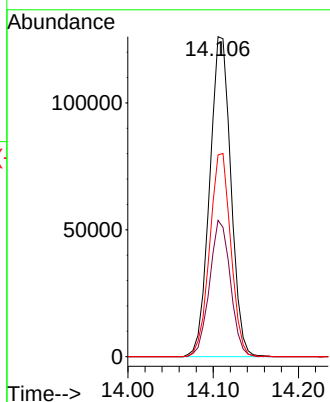
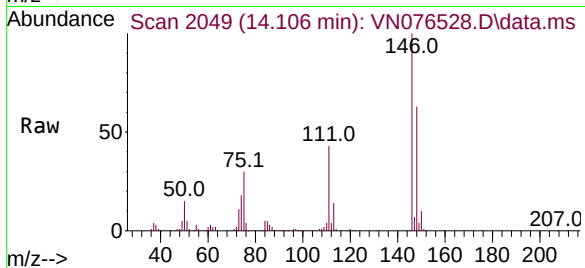
Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	60.8
148	63.2	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.009 ug/l

RT: 14.717 min Scan# 2153

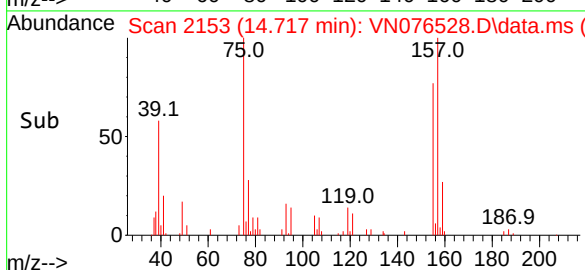
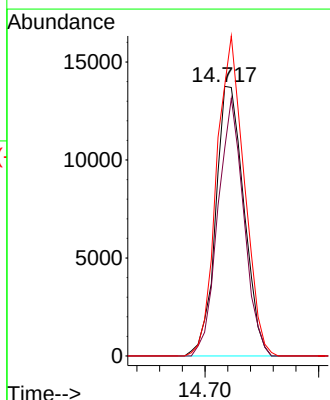
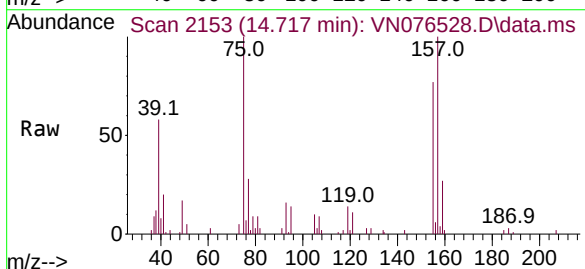
Delta R.T. -0.006 min

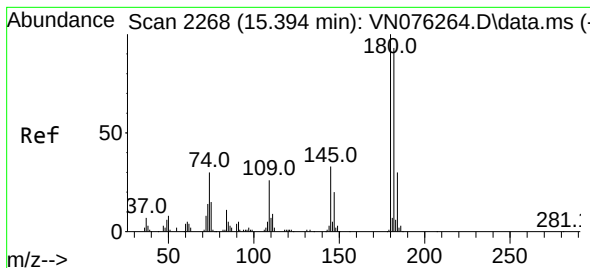
Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Tgt Ion: 75 Resp: 23754

Ion	Ratio	Lower	Upper
75	100		
155	87.4	45.0	135.0
157	116.0	58.3	174.9





#93

1,2,4-Trichlorobenzene

Concen: 17.256 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0203WBSD01

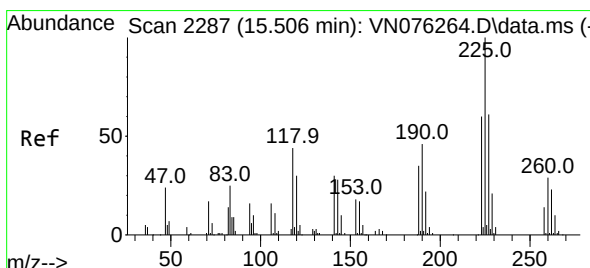
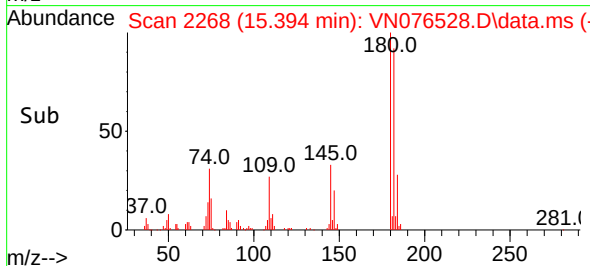
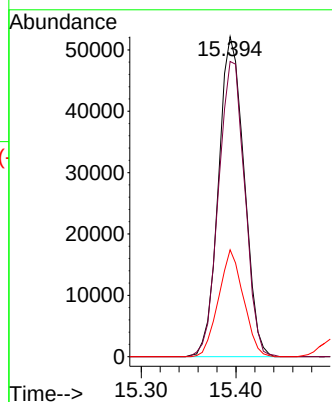
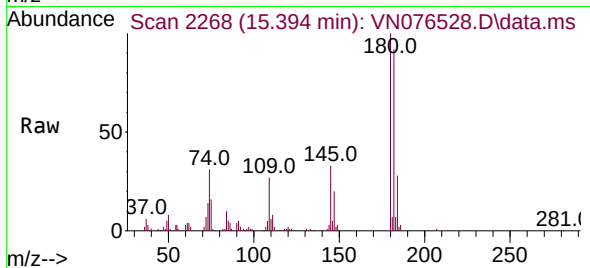
Tgt Ion:180	Resp:	98064
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.0 141.2
145	32.4	15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#94

Hexachlorobutadiene

Concen: 16.585 ug/l

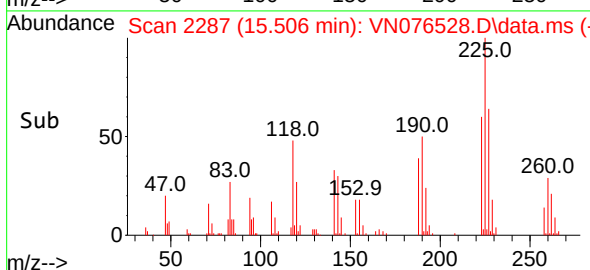
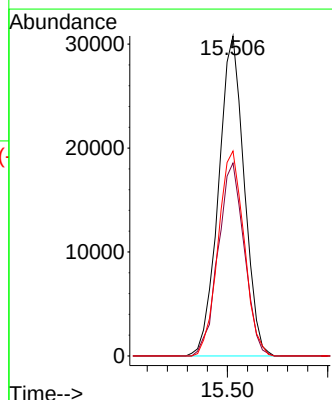
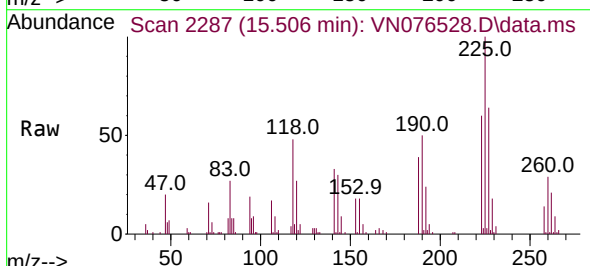
RT: 15.506 min Scan# 2287

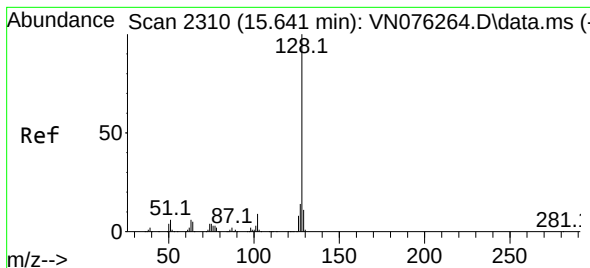
Delta R.T. -0.000 min

Lab File: VN076528.D

Acq: 03 Feb 2023 13:24

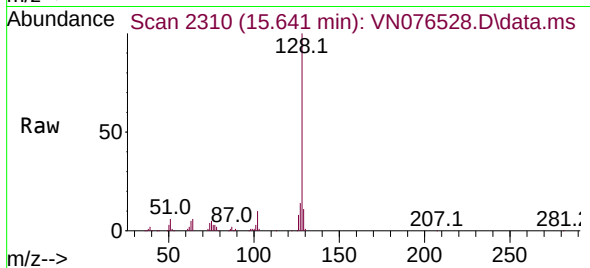
Tgt Ion:225	Resp:	54537
Ion Ratio	Lower	Upper
225	100	
223	61.2	30.8 92.3
227	64.9	30.9 92.8





#95
Naphthalene
Concen: 17.502 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

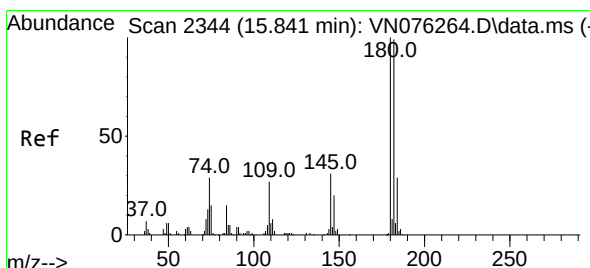
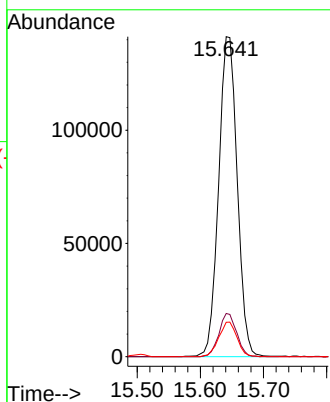
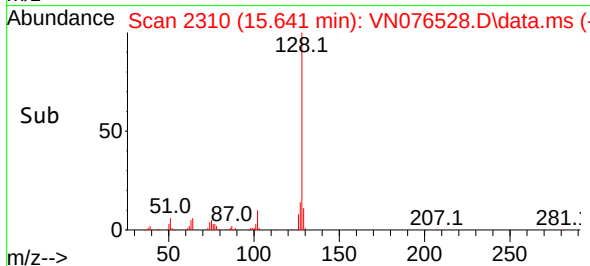
Instrument :
MSVOA_N
ClientSampleId :
VN0203WBSD01



Tgt Ion:128 Resp: 288280
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.479 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076528.D
Acq: 03 Feb 2023 13:24

Tgt Ion:180 Resp: 95372
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 34.1 15.9 47.6

