

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076232.D
 Acq On : 12 Jan 2023 15:51
 Operator : JC\MD
 Sample : VN0112WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02

Quant Time: Jan 13 05:18:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/13/2023
 Supervised By : Mahesh Dadoda 01/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	369629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	585441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	508378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	193265	48.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.120%		
35) Dibromofluoromethane	8.177	113	177641	48.997	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	10.571	98	637239	47.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.020%		
62) 4-Bromofluorobenzene	12.853	95	209913	46.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	62120	23.669	ug/l	94
3) Chloromethane	2.377	50	61557	18.862	ug/l	98
4) Vinyl Chloride	2.530	62	74919	19.245	ug/l	98
5) Bromomethane	2.971	94	61035	18.448	ug/l	93
6) Chloroethane	3.130	64	55999	19.425	ug/l	99
7) Trichlorofluoromethane	3.512	101	104817	17.744	ug/l	91
8) Diethyl Ether	3.977	74	37610	17.432	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	60542	17.949	ug/l	99
10) Methyl Iodide	4.600	142	89361	16.324	ug/l	99
11) Tert butyl alcohol	5.536	59	44876	78.869	ug/l	97
12) 1,1-Dichloroethene	4.353	96	56845	17.352	ug/l	97
13) Acrolein	4.195	56	62632	89.786	ug/l	98
14) Allyl chloride	5.042	41	73449	19.179	ug/l	100
15) Acrylonitrile	5.736	53	134470	86.601	ug/l	98
16) Acetone	4.448	43	107746	77.728	ug/l	99
17) Carbon Disulfide	4.724	76	119205	15.029	ug/l	99
18) Methyl Acetate	5.042	43	76467	18.662	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	207485	19.233	ug/l	96
20) Methylene Chloride	5.295	84	65810	17.329	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	58191	16.219	ug/l	96
22) Diisopropyl ether	6.683	45	167913	18.049	ug/l	99
23) Vinyl Acetate	6.618	43	497340	79.426	ug/l	99
24) 1,1-Dichloroethane	6.577	63	107679	17.355	ug/l	98
25) 2-Butanone	7.489	43	166897	85.989	ug/l	93
26) 2,2-Dichloropropane	7.506	77	86290	16.423	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	73163	17.051	ug/l	96
28) Bromochloromethane	7.818	49	47030	17.294	ug/l	96
29) Tetrahydrofuran	7.847	42	110374	90.744	ug/l	97
30) Chloroform	7.977	83	121176	17.347	ug/l	91
31) Cyclohexane	8.265	56	98400	17.086	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	108505	17.520	ug/l	95
36) 1,1-Dichloropropene	8.377	75	84409	17.526	ug/l	99
37) Ethyl Acetate	7.571	43	72815	18.822	ug/l	98
38) Carbon Tetrachloride	8.371	117	93954	17.430	ug/l	96
39) Methylcyclohexane	9.606	83	103068	17.739	ug/l	99
40) Benzene	8.612	78	263500	17.733	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	36071	17.938	ug/l	94
42) 1,2-Dichloroethane	8.677	62	89549	18.127	ug/l	99
43) Isopropyl Acetate	8.694	43	117019	18.337	ug/l	99
44) Trichloroethene	9.353	130	73984	17.673	ug/l	92
45) 1,2-Dichloropropane	9.630	63	62182	17.196	ug/l	90
46) Dibromomethane	9.712	93	45673	17.029	ug/l	95
47) Bromodichloromethane	9.888	83	90652	17.236	ug/l	94
48) Methyl methacrylate	9.683	41	53763	18.705	ug/l	95
49) 1,4-Dioxane	9.694	88	22584	319.616	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	357341	92.593	ug/l	98
52) Toluene	10.630	92	171699	17.742	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	86456	16.793	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	99541	17.609	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	68111	17.931	ug/l	97
56) Ethyl methacrylate	10.877	69	92542	18.342	ug/l	97
57) 1,3-Dichloropropane	11.165	76	108578	17.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	175752	109.408	ug/l	99
59) 2-Hexanone	11.200	43	254065	90.272	ug/l	98
60) Dibromochloromethane	11.359	129	71051	16.819	ug/l	98
61) 1,2-Dibromoethane	11.471	107	67533	17.568	ug/l	98
64) Tetrachloroethene	11.106	164	80190	22.416	ug/l	96
65) Chlorobenzene	11.894	112	182197	17.461	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	68701	17.776	ug/l	99
67) Ethyl Benzene	11.965	91	324106	18.404	ug/l	99
68) m/p-Xylenes	12.076	106	257273	36.910	ug/l	99
69) o-Xylene	12.400	106	129149	18.723	ug/l	97
70) Styrene	12.412	104	206111	18.793	ug/l	99
71) Bromoform	12.582	173	50135	17.827	ug/l #	96
73) Isopropylbenzene	12.700	105	333848	19.898	ug/l	100
74) N-amyl acetate	12.494	43	93583	19.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	88684	17.098	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	83909m	17.929	ug/l	
77) Bromobenzene	12.982	156	79387	18.696	ug/l	99
78) n-propylbenzene	13.035	91	367279	19.847	ug/l	99
79) 2-Chlorotoluene	13.129	91	225015	19.479	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	276652	19.701	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23357	17.964	ug/l #	83
82) 4-Chlorotoluene	13.129	91	225015	19.479	ug/l	99
83) tert-Butylbenzene	13.441	119	251904	20.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	279741	20.081	ug/l	98
85) sec-Butylbenzene	13.618	105	345657	20.228	ug/l	98
86) p-Isopropyltoluene	13.729	119	287327	20.207	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	141927	18.095	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	141625	17.675	ug/l	98
89) n-Butylbenzene	14.059	91	217257	18.860	ug/l	99
90) Hexachloroethane	14.341	117	47054	18.500	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	146112	18.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14730	16.005	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	69978	18.296	ug/l	97
94) Hexachlorobutadiene	15.506	225	37135	17.795	ug/l	97
95) Naphthalene	15.641	128	205769	17.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67840	18.977	ug/l	100

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ClientSampleId :
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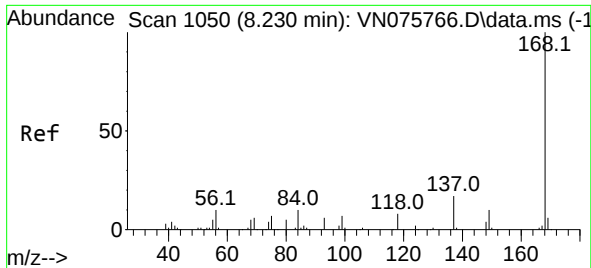
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/13/2023

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Quant Title : SW846 8260
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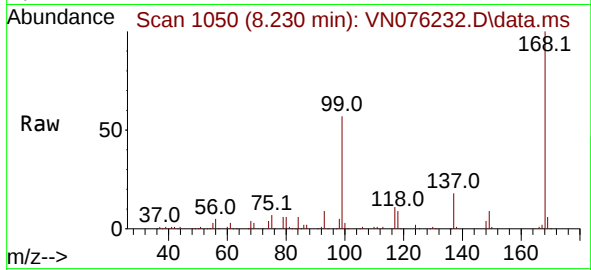
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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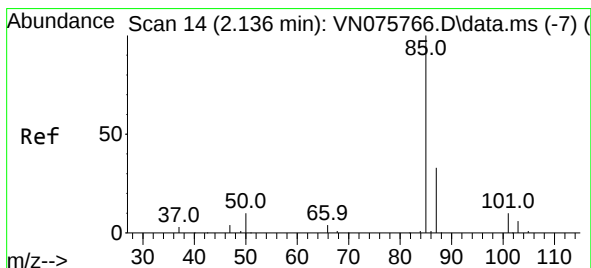
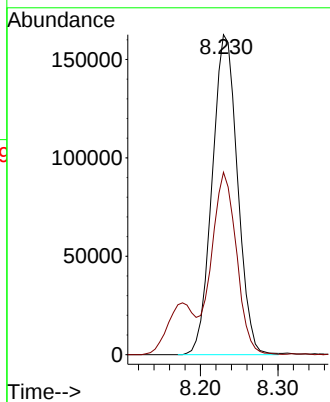
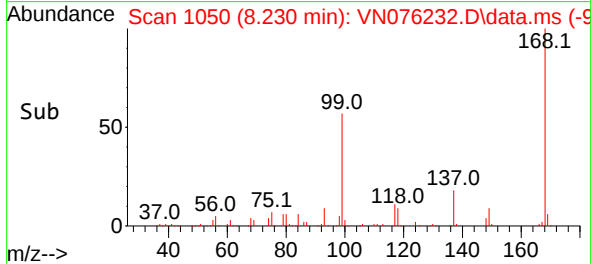
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



Tgt Ion:168 Resp: 369629
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4

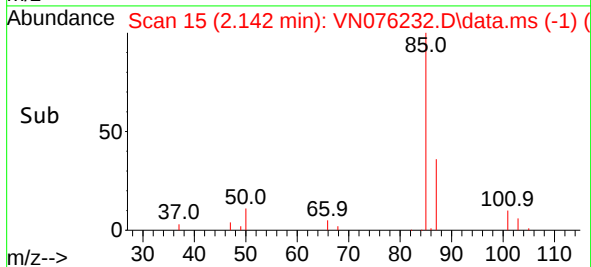
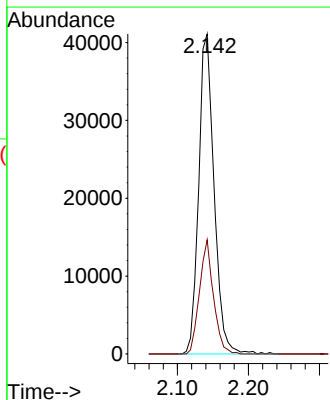
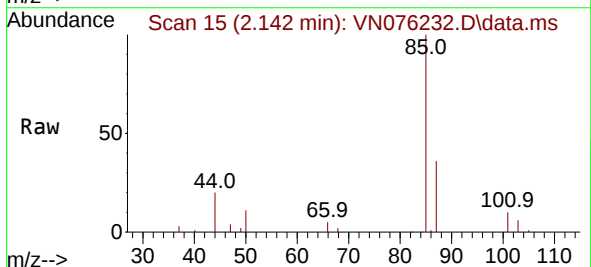
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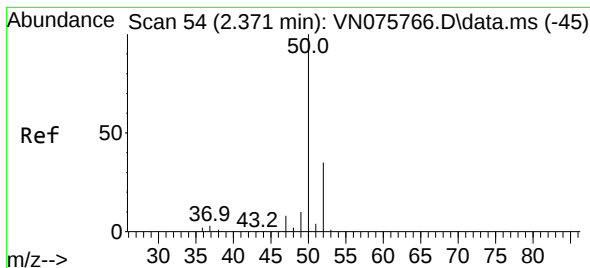
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#2
Dichlorodifluoromethane
Concen: 23.669 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 85 Resp: 62120
Ion Ratio Lower Upper
85 100
87 35.7 16.3 48.9





#3

Chloromethane

Concen: 18.862 ug/l

RT: 2.377 min Scan# 50

Delta R.T. 0.006 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 50 Resp: 6155

Ion Ratio Lower Upper

50 100

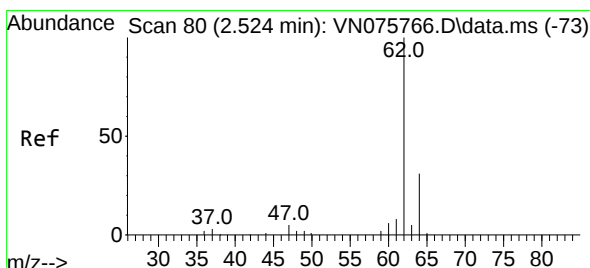
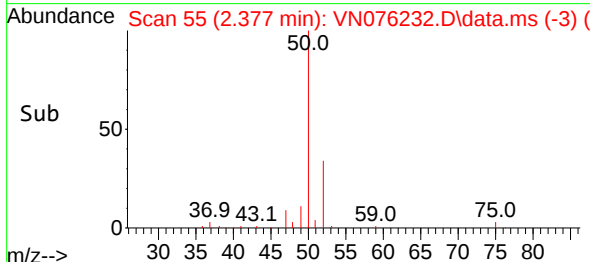
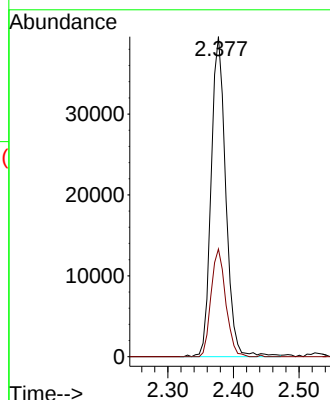
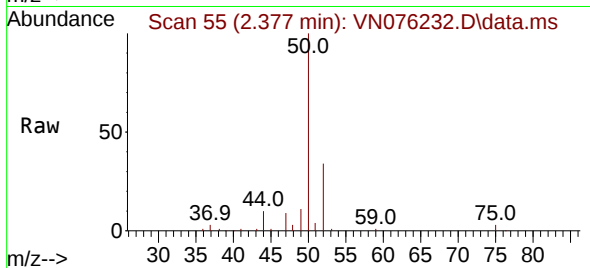
52 33.6 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.245 ug/l

RT: 2.530 min Scan# 81

Delta R.T. 0.006 min

Lab File: VN076232.D

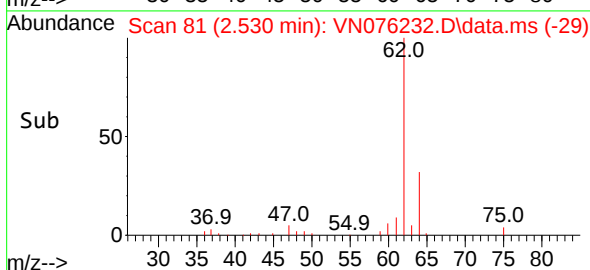
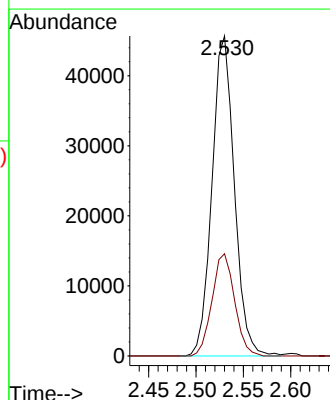
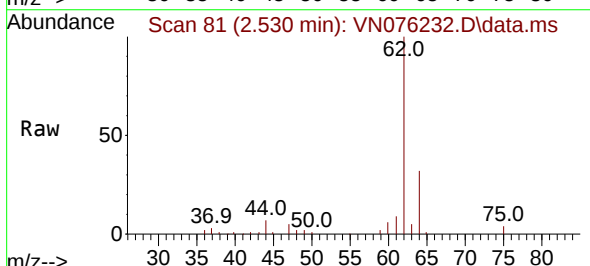
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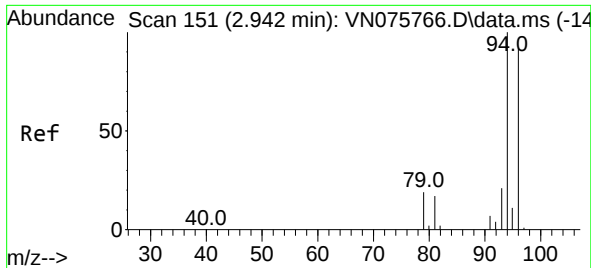
Tgt Ion: 62 Resp: 74919

Ion Ratio Lower Upper

62 100

64 32.0 24.9 37.3





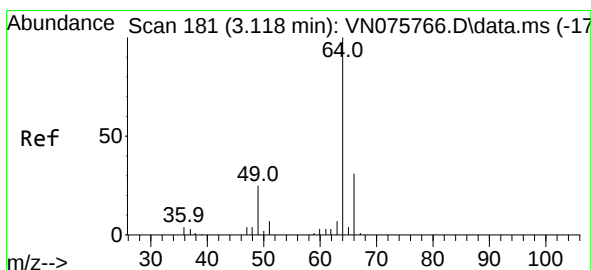
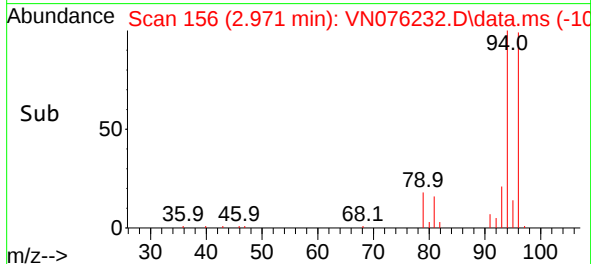
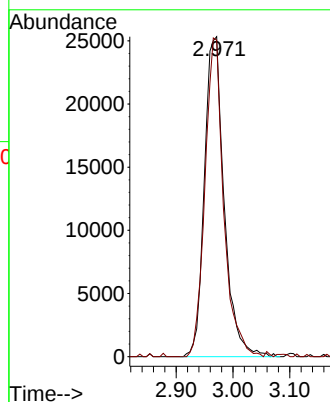
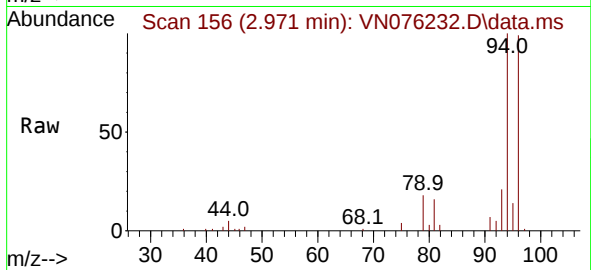
#5
Bromomethane
Concen: 18.448 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.029 min
Lab File: VN076232.D
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Tgt Ion: 94 Resp: 61035
Ion Ratio Lower Upper
94 100
96 98.9 73.8 110.6

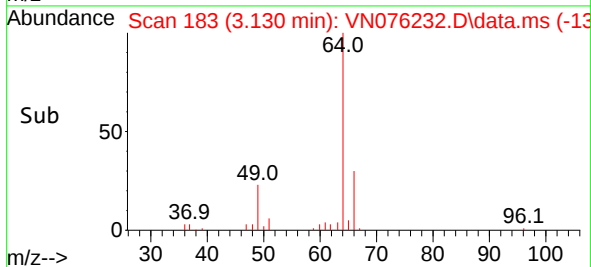
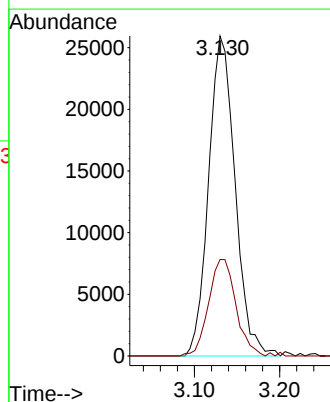
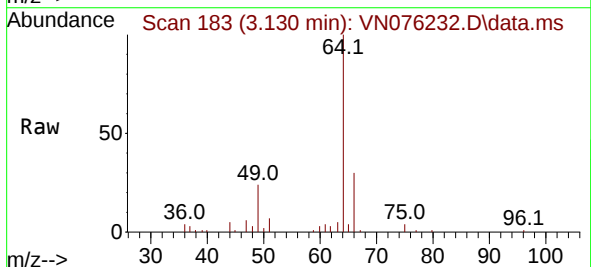
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#6
Chloroethane
Concen: 19.425 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

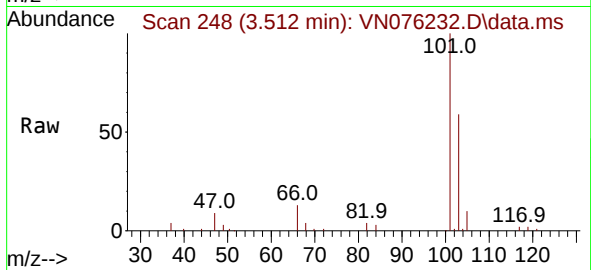
Tgt Ion: 64 Resp: 55999
Ion Ratio Lower Upper
64 100
66 30.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.744 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

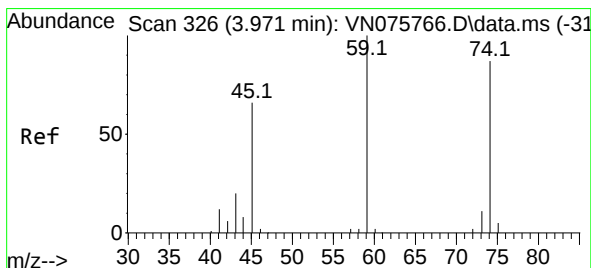
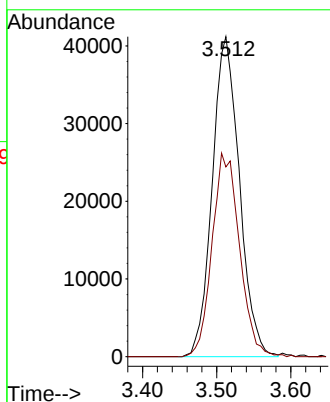
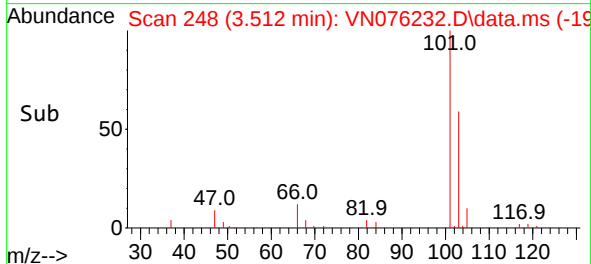
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 ClientSampleId :
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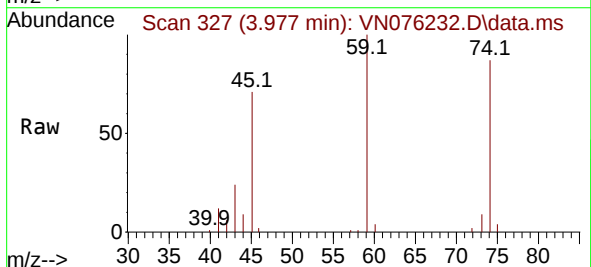
Tgt Ion:101 Resp: 10481
 Ion Ratio Lower Upper
 101 100
 103 59.3 53.4 80.2

Manual Integrations
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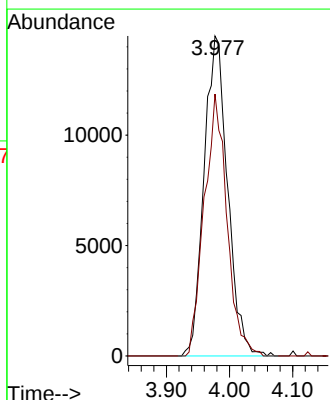
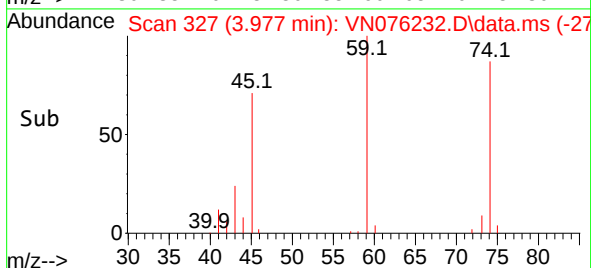
Reviewed By :John Carlone 01/13/2023
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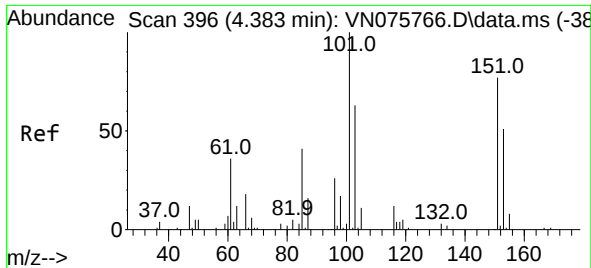


#8
 Diethyl Ether
 Concen: 17.432 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 37610
 Ion Ratio Lower Upper
 74 100
 45 78.9 37.8 113.4





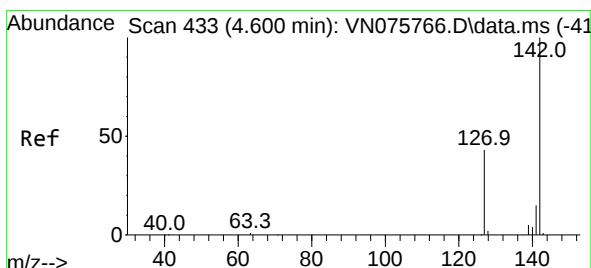
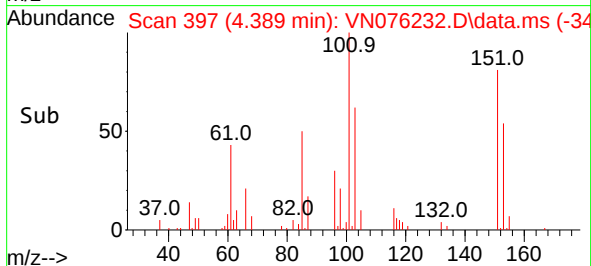
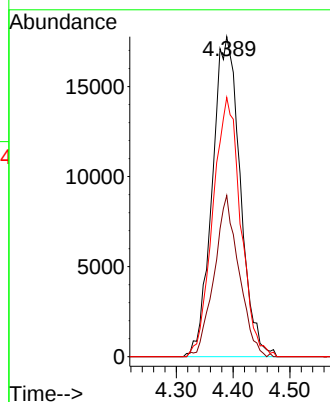
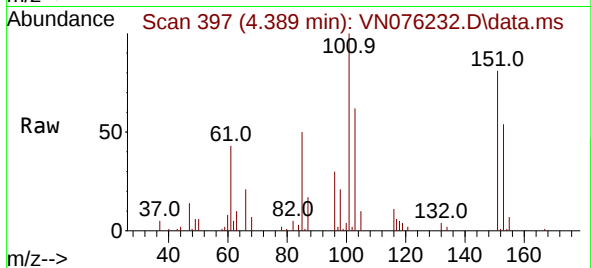
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.949 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion:101 Resp: 6054
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 80.8 65.6 98.4

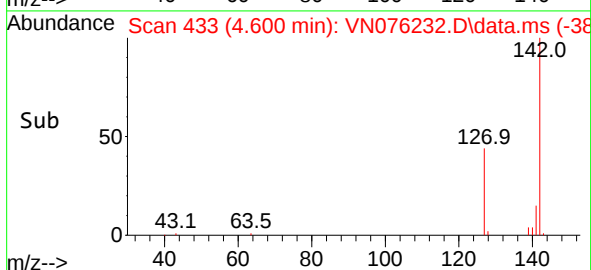
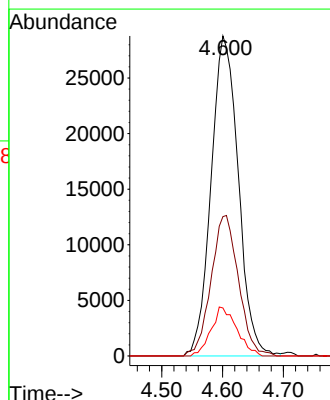
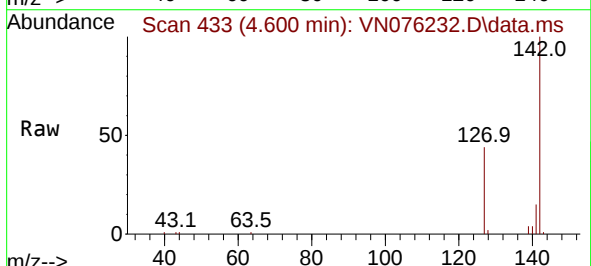
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#10
Methyl Iodide
Concen: 16.324 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

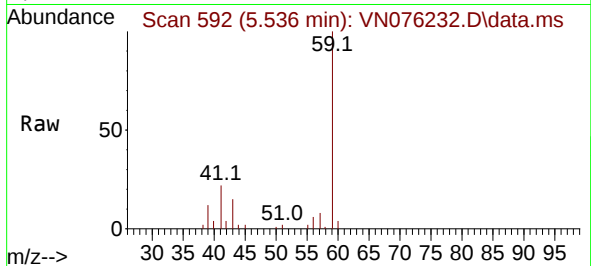
Tgt Ion:142 Resp: 89361
Ion Ratio Lower Upper
142 100
127 44.2 34.7 52.1
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 78.869 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

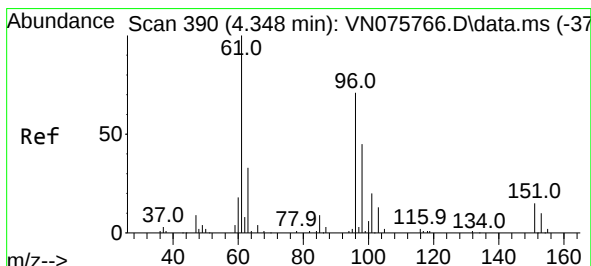
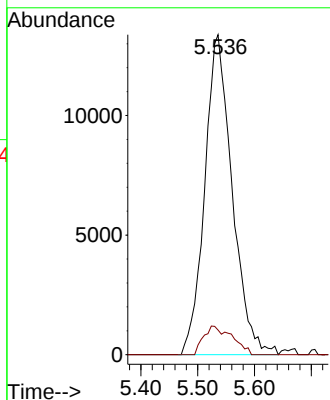
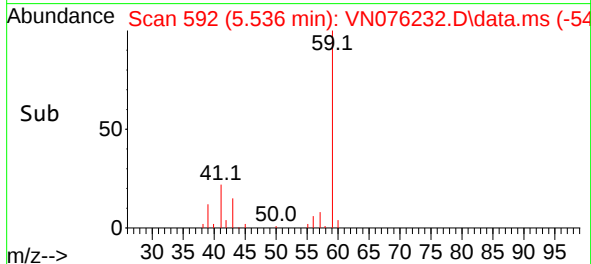
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



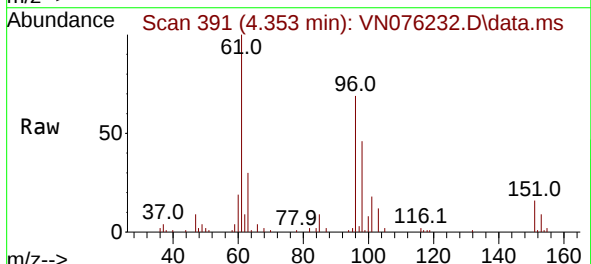
Tgt Ion: 59 Resp: 44870
Ion Ratio Lower Upper
59 100
57 9.3 8.2 12.4

Manual Integrations
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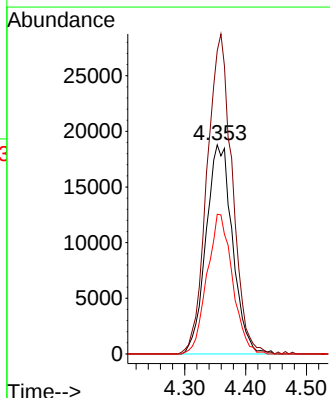
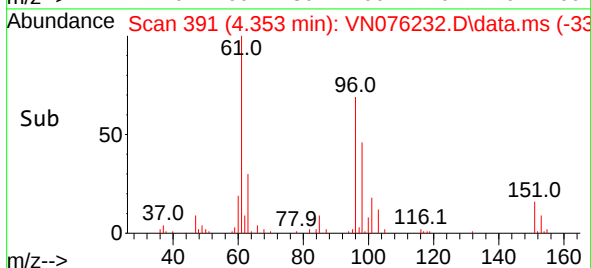
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

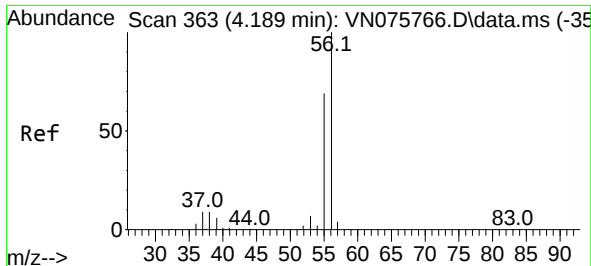


#12
1,1-Dichloroethene
Concen: 17.352 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



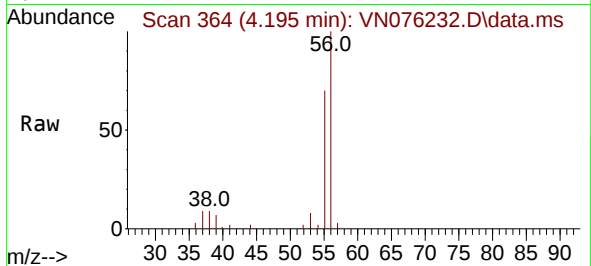
Tgt Ion: 96 Resp: 56845
Ion Ratio Lower Upper
96 100
61 145.0 113.3 169.9
98 66.8 50.9 76.3





#13
Acrolein
Concen: 89.786 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

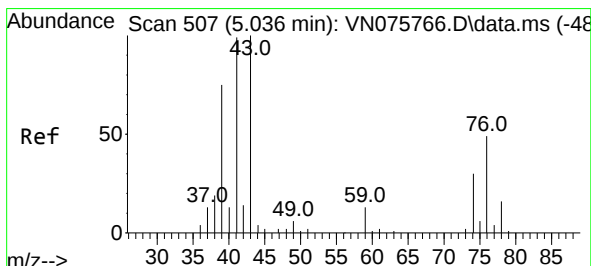
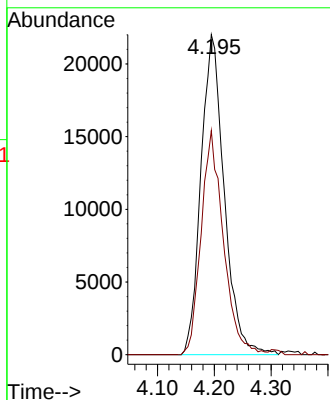
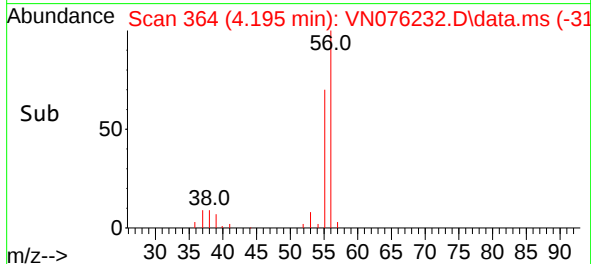
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



Tgt Ion: 56 Resp: 62632
Ion Ratio Lower Upper
56 100
55 67.0 54.8 82.2

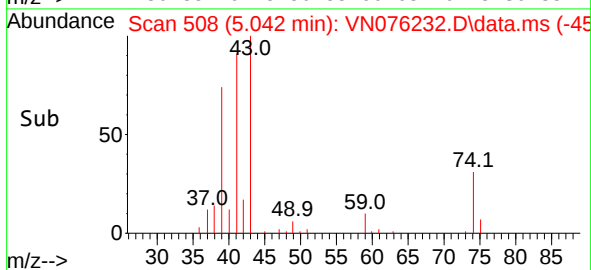
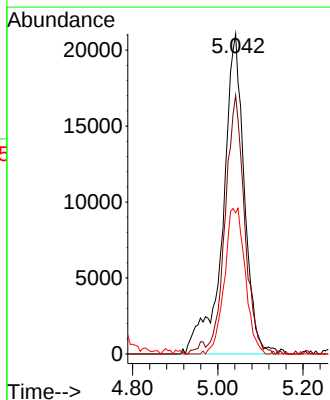
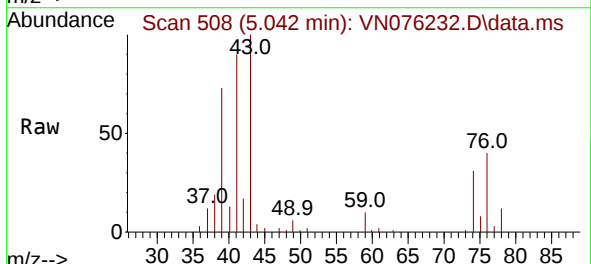
Manual Integrations
APPROVED

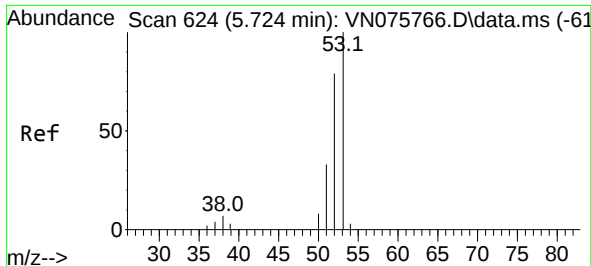
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#14
Allyl chloride
Concen: 19.179 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

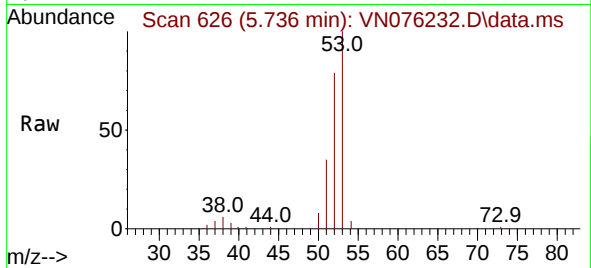
Tgt Ion: 41 Resp: 73449
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 44.2 35.8 53.6





#15
Acrylonitrile
Concen: 86.601 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

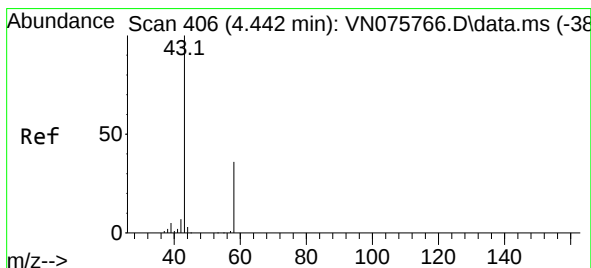
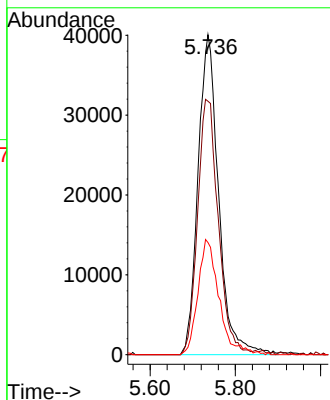
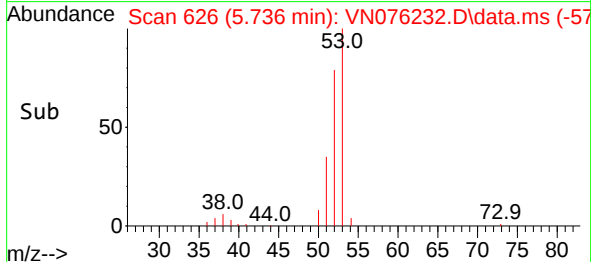
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



Tgt Ion: 53 Resp: 134470
Ion Ratio Lower Upper
53 100
52 80.2 65.4 98.0
51 36.9 28.9 43.3

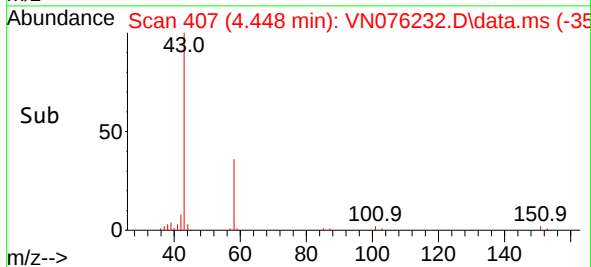
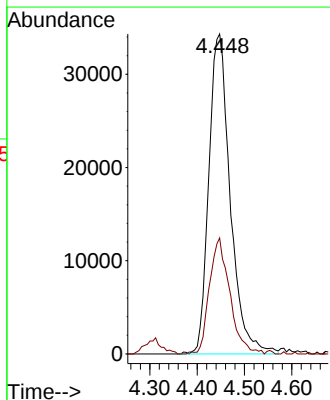
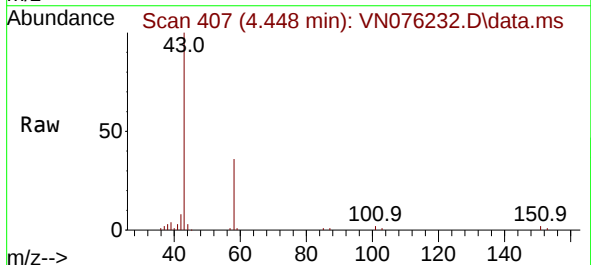
Manual Integrations
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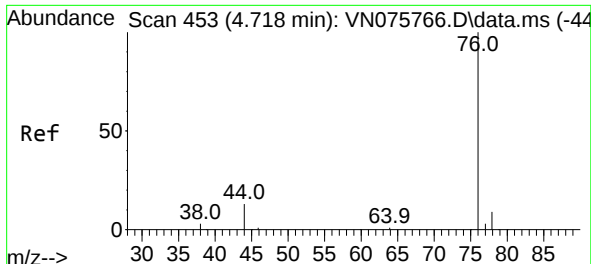
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#16
Acetone
Concen: 77.728 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 43 Resp: 107746
Ion Ratio Lower Upper
43 100
58 36.3 28.6 43.0





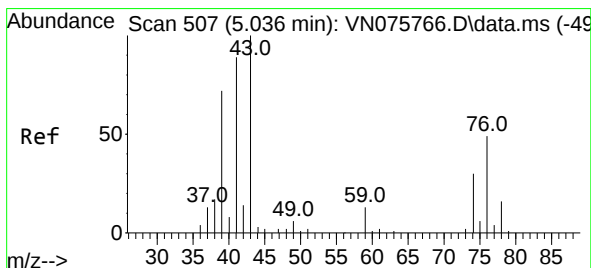
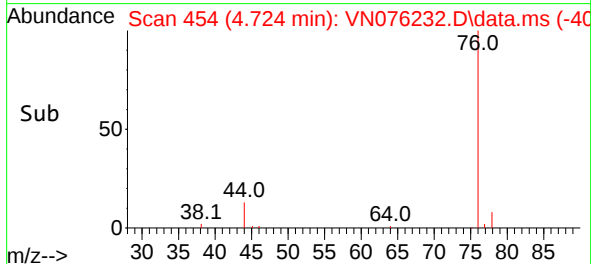
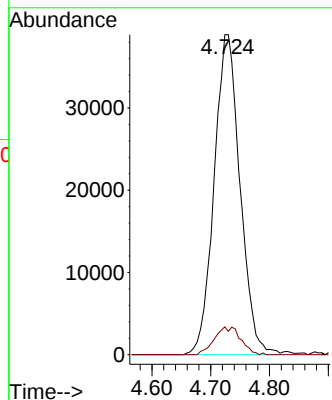
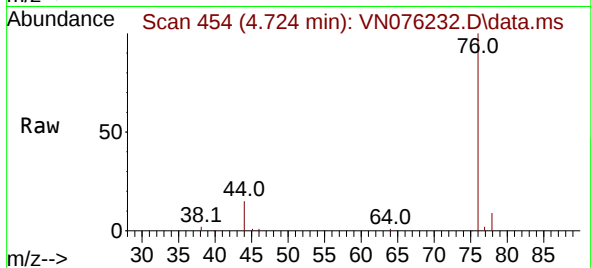
#17
Carbon Disulfide
Concen: 15.029 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 76 Resp: 11920
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

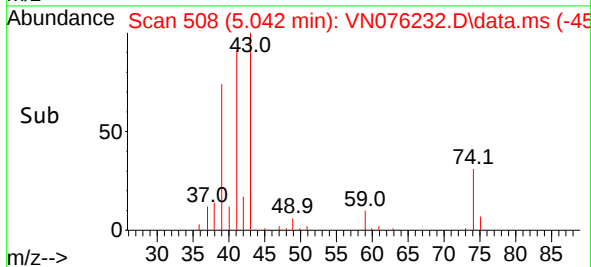
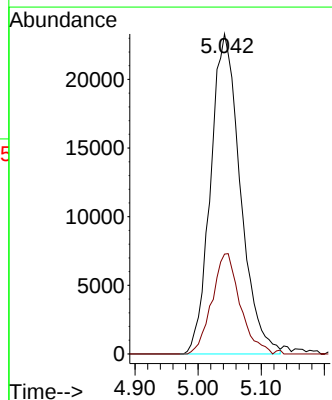
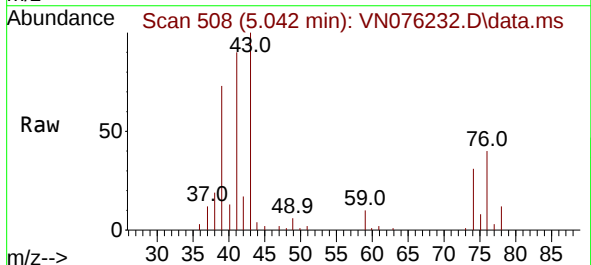
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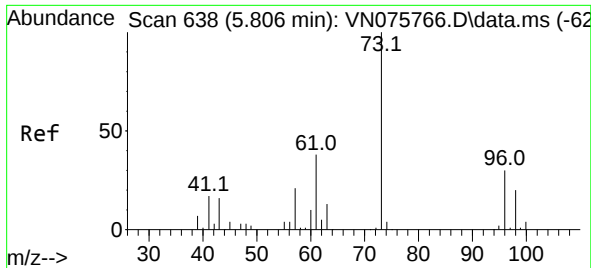
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#18
Methyl Acetate
Concen: 18.662 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 43 Resp: 76467
Ion Ratio Lower Upper
43 100
74 29.6 23.6 35.4





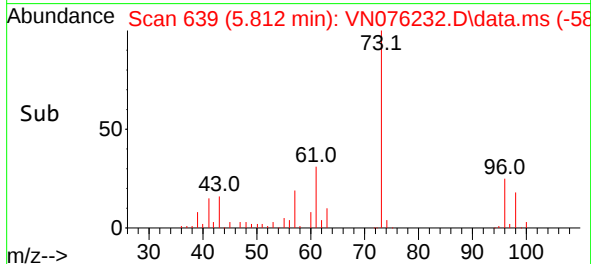
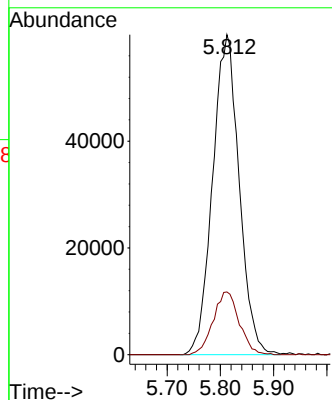
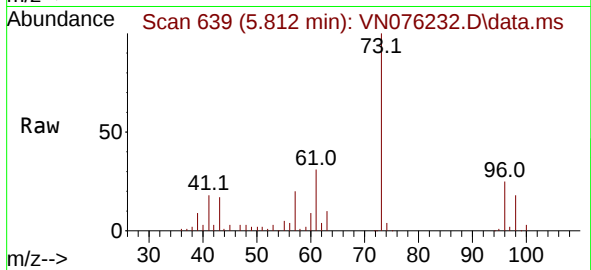
#19
Methyl tert-butyl Ether
Concen: 19.233 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 73 Resp: 20748
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7

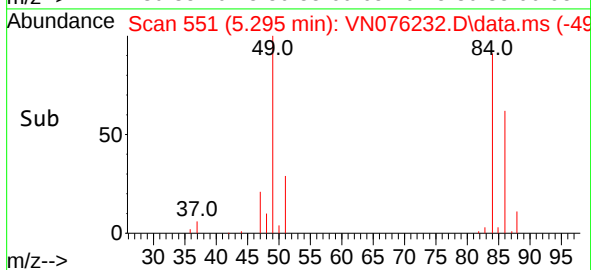
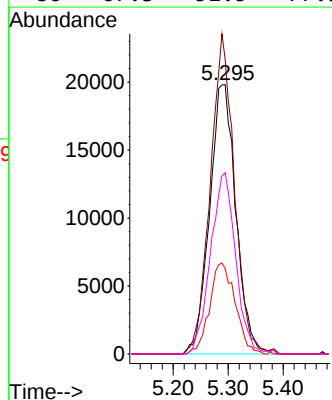
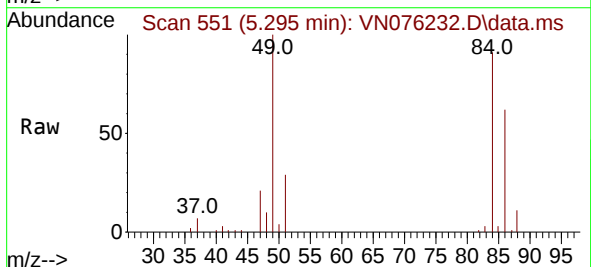
Manual Integrations
APPROVED

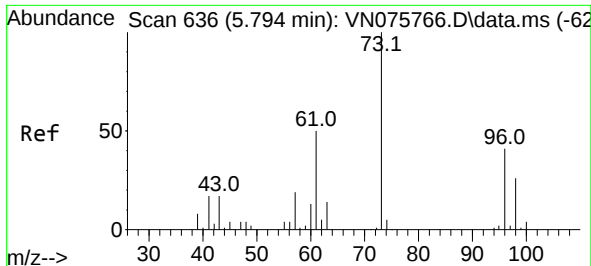
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#20
Methylene Chloride
Concen: 17.329 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 84 Resp: 65810
Ion Ratio Lower Upper
84 100
49 109.4 81.8 122.6
51 31.8 26.7 40.1
86 67.3 51.5 77.3





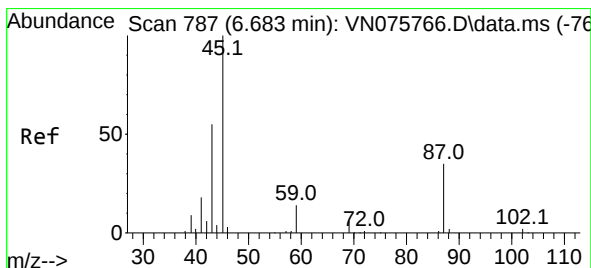
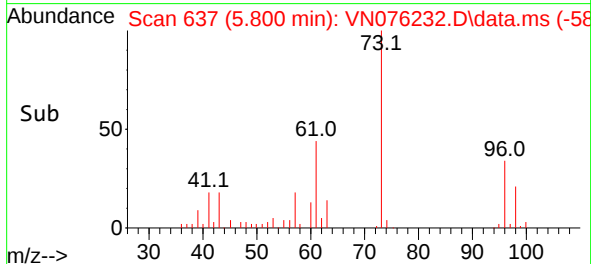
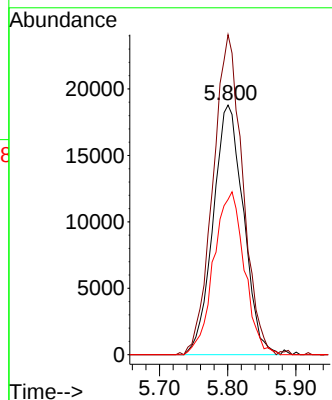
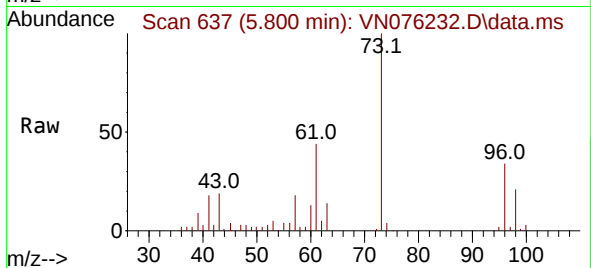
#21
trans-1,2-Dichloroethene
Concen: 16.219 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 96 Resp: 5819
Ion Ratio Lower Upper
96 100
61 127.4 98.1 147.1
98 62.2 51.4 77.2

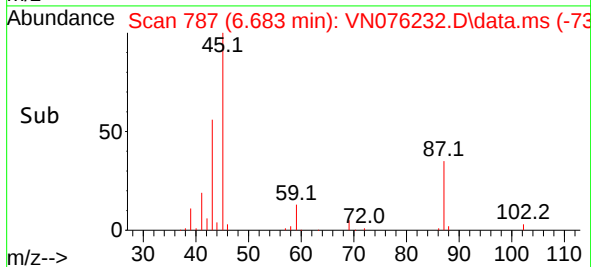
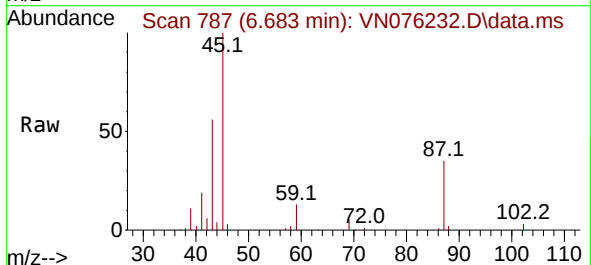
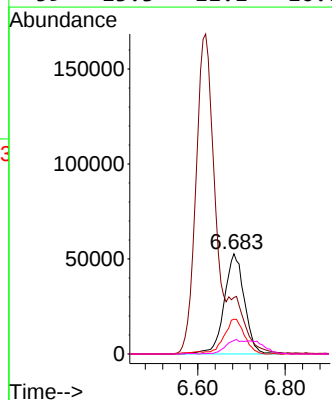
Manual Integrations
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Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#22
Diisopropyl ether
Concen: 18.049 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 45 Resp: 167913
Ion Ratio Lower Upper
45 100
43 55.0 44.2 66.4
87 34.6 28.3 42.5
59 13.3 11.1 16.7





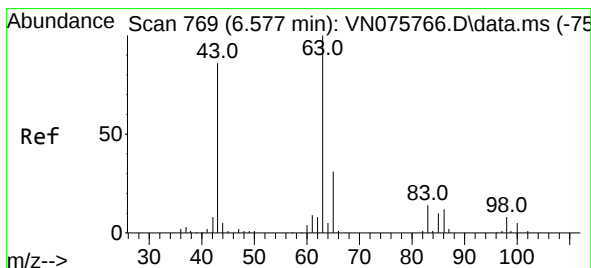
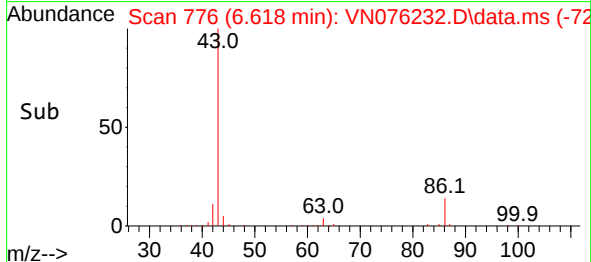
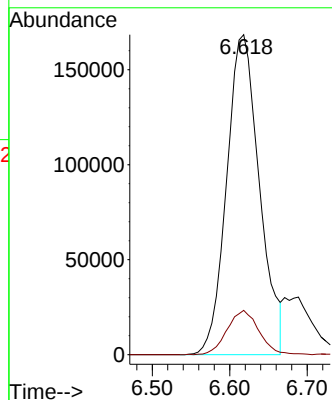
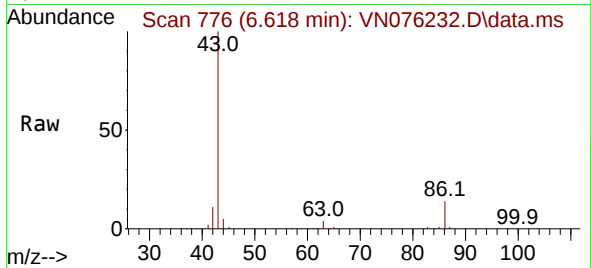
#23
 Vinyl Acetate
 Concen: 79.426 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02

Tgt Ion: 43 Resp: 497340
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.4 17.2

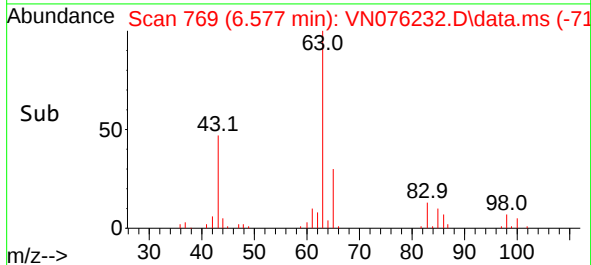
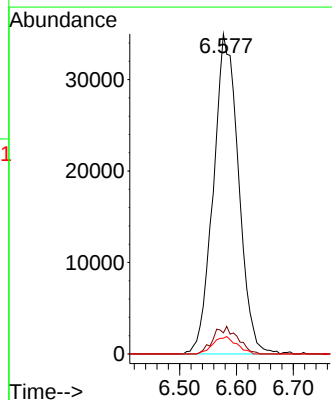
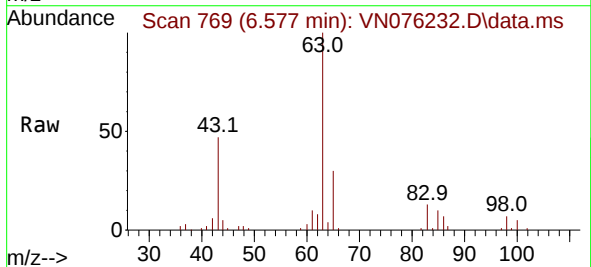
Manual Integrations
 APPROVED

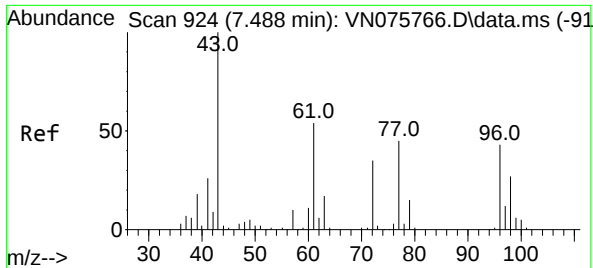
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#24
 1,1-Dichloroethane
 Concen: 17.355 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

Tgt Ion: 63 Resp: 107679
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.5
 100 5.0 2.5 7.6





#25

2-Butanone

Concen: 85.989 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 43 Resp: 16689

Ion Ratio Lower Upper

43 100

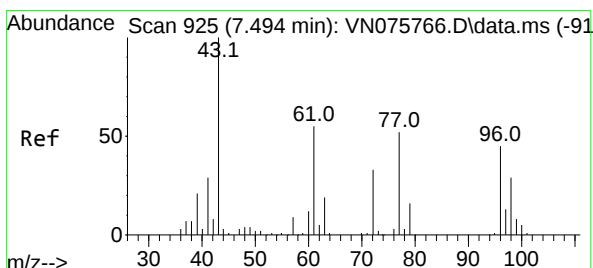
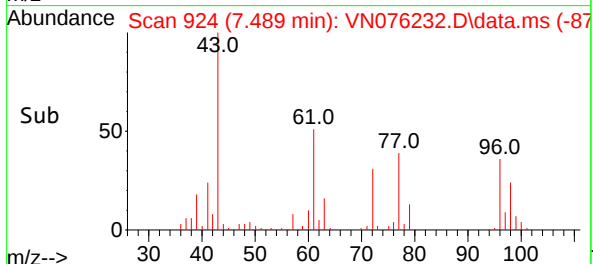
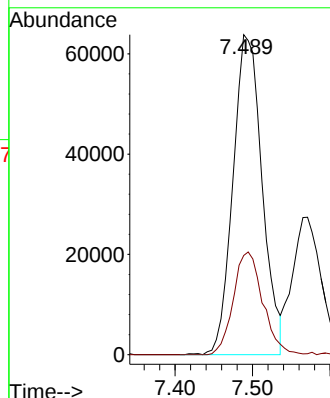
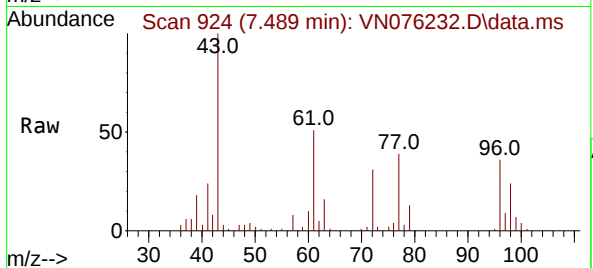
72 31.0 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#26

2,2-Dichloropropane

Concen: 16.423 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.012 min

Lab File: VN076232.D

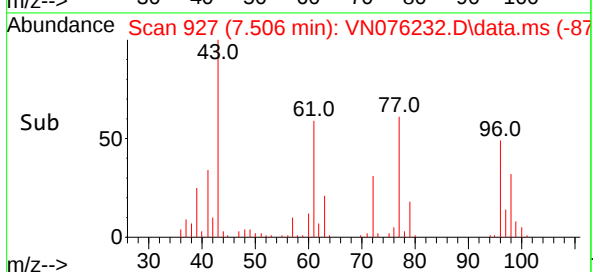
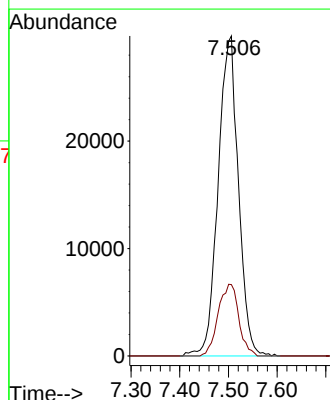
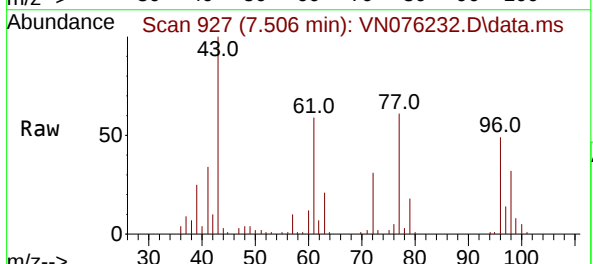
Acq: 12 Jan 2023 15:51

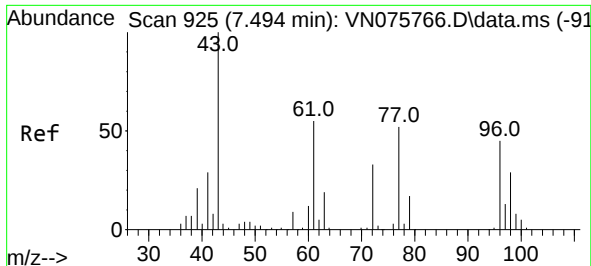
Tgt Ion: 77 Resp: 86290

Ion Ratio Lower Upper

77 100

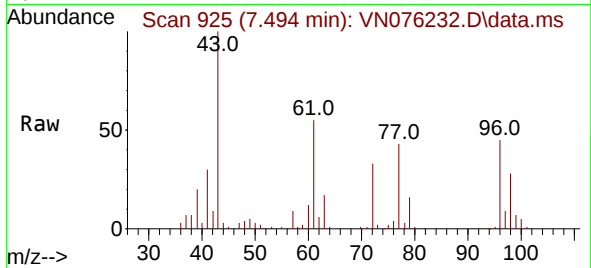
97 22.8 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 17.051 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

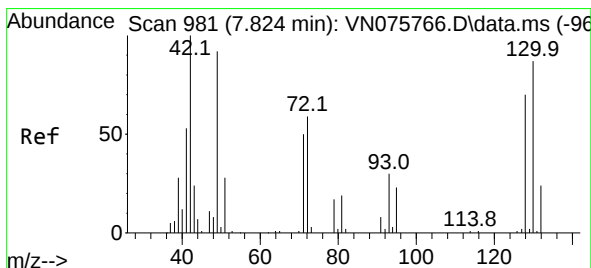
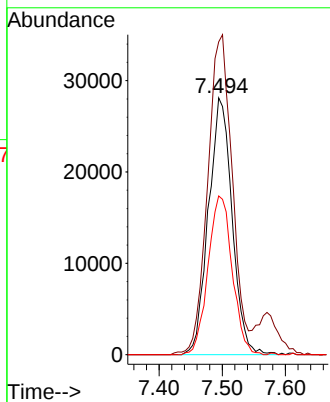
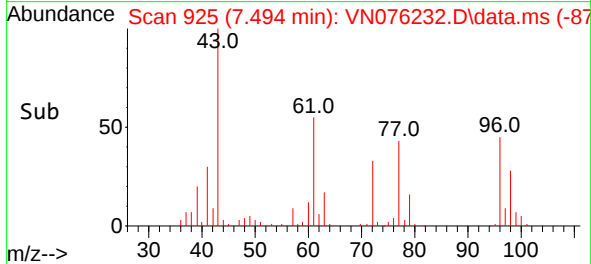
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02



Tgt Ion: 96 Resp: 7316
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 247.8
 98 63.2 0.0 128.4

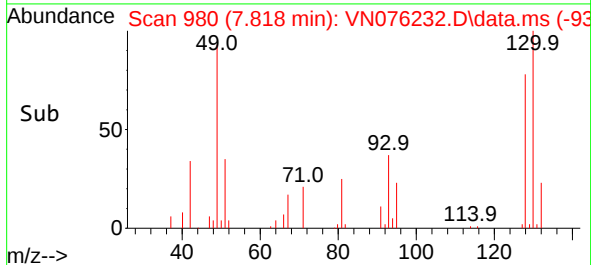
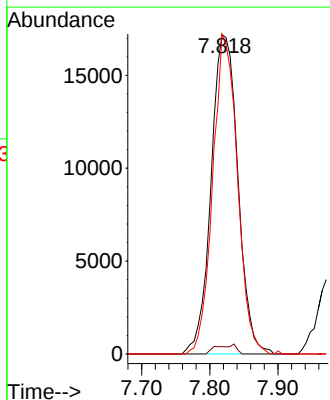
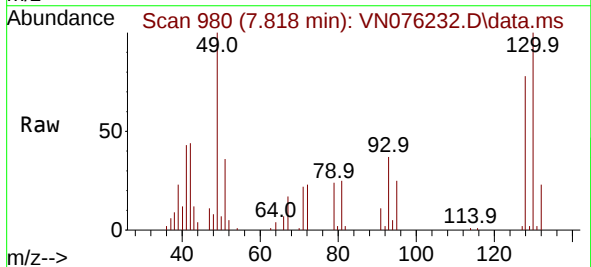
Manual Integrations
 APPROVED

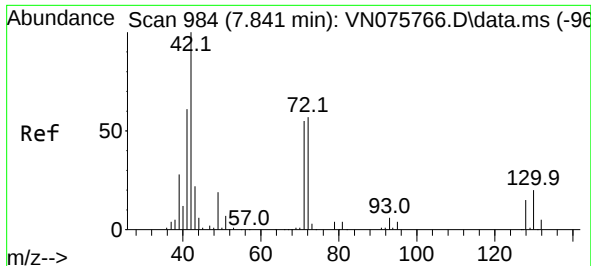
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#28
 Bromochloromethane
 Concen: 17.294 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

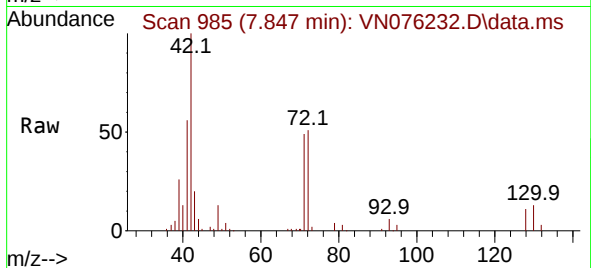
Tgt Ion: 49 Resp: 47030
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 5.0
 130 92.0 77.0 115.4





#29
Tetrahydrofuran
Concen: 90.744 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

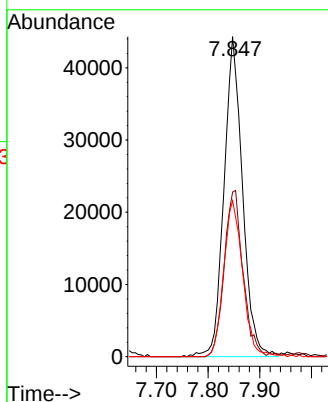
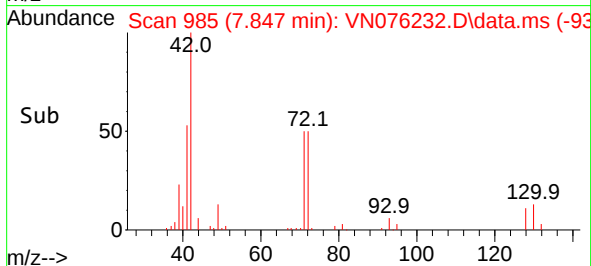
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



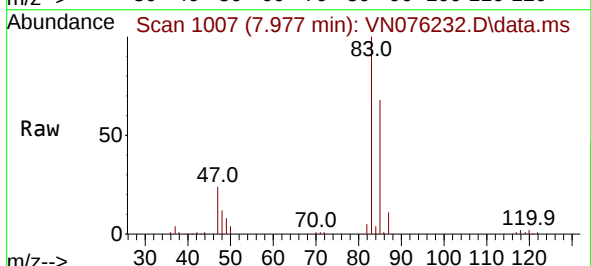
Tgt Ion: 42 Resp: 110374
Ion Ratio Lower Upper
42 100
72 52.4 44.5 66.7
71 50.0 41.0 61.6

Manual Integrations
APPROVED

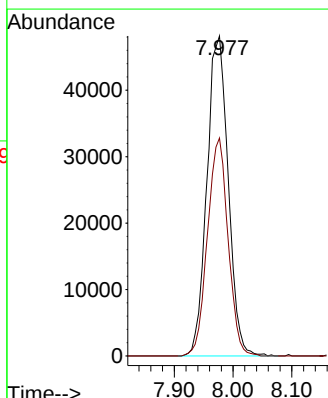
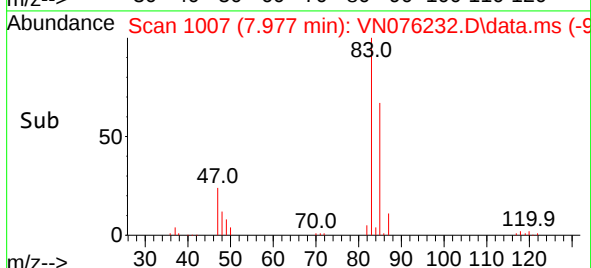
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

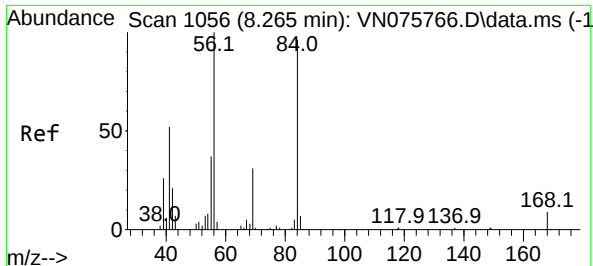


#30
Chloroform
Concen: 17.347 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



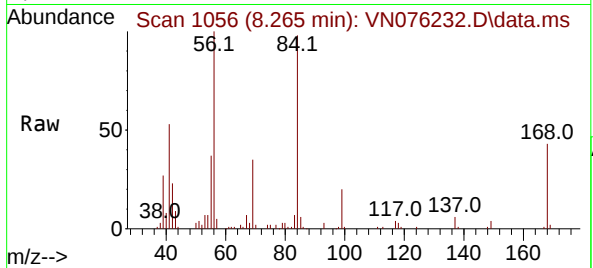
Tgt Ion: 83 Resp: 121176
Ion Ratio Lower Upper
83 100
85 68.1 49.1 73.7





#31
Cyclohexane
Concen: 17.086 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

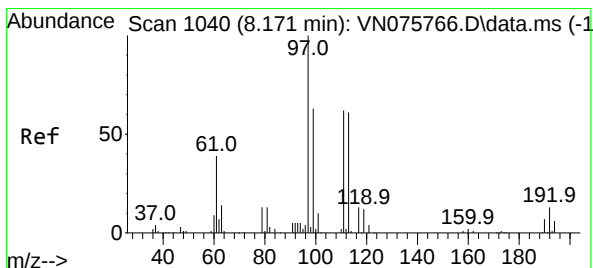
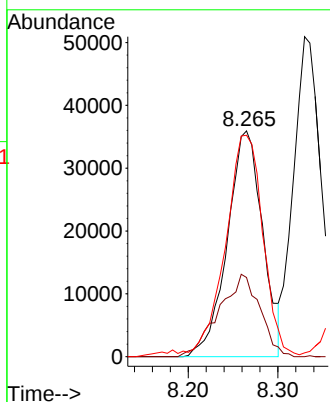
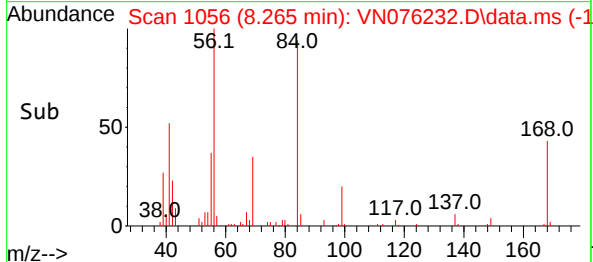
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



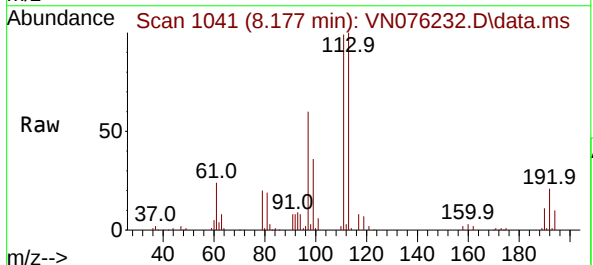
Tgt Ion: 56 Resp: 98400
Ion Ratio Lower Upper
56 100
69 35.1 24.7 37.1
84 96.7 76.5 114.7

Manual Integrations
APPROVED

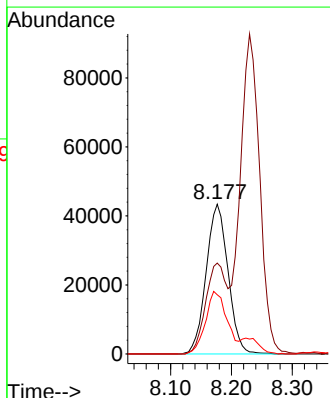
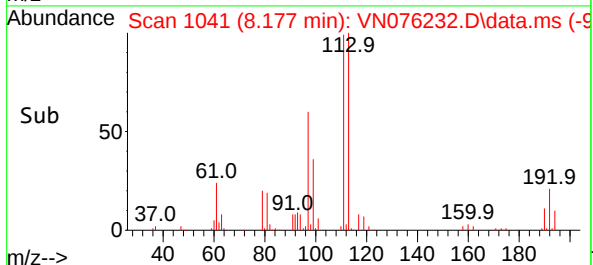
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

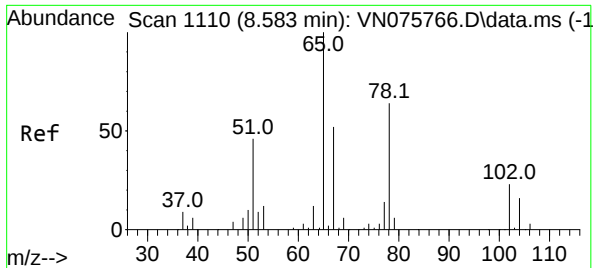


#32
1,1,1-Trichloroethane
Concen: 17.520 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



Tgt Ion: 97 Resp: 108505
Ion Ratio Lower Upper
97 100
99 57.4 50.2 75.2
61 41.3 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.061 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 65 Resp: 19326

Ion Ratio Lower Upper

65 100

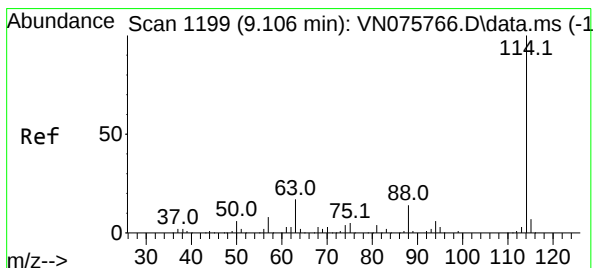
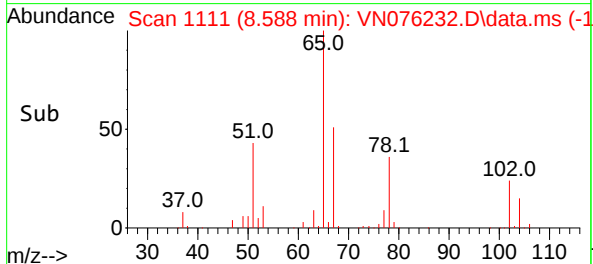
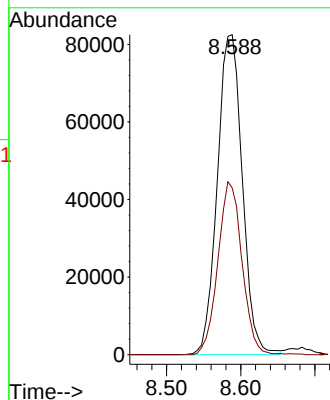
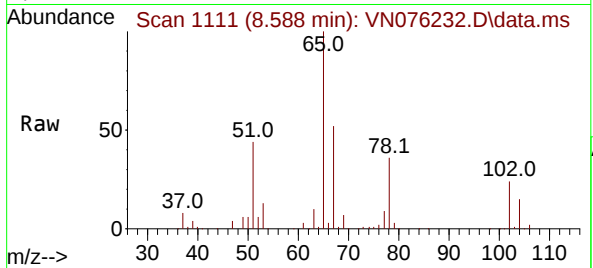
67 52.0 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

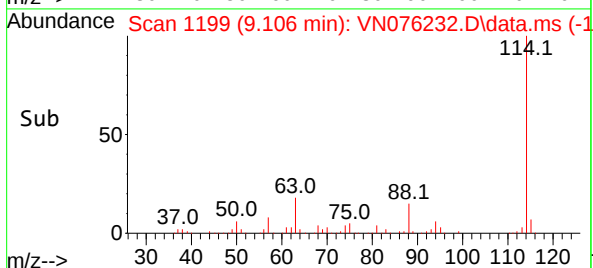
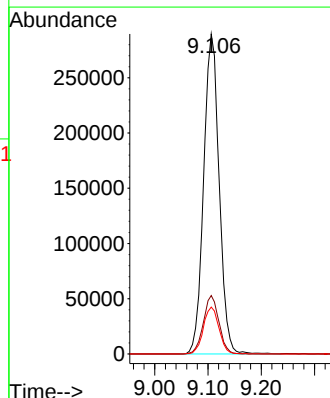
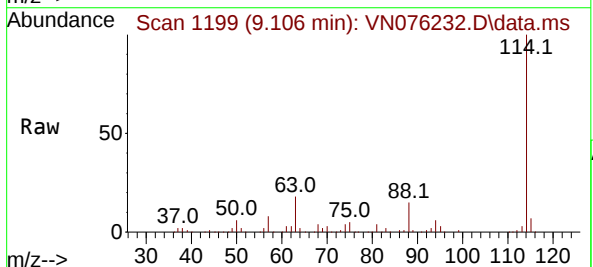
Tgt Ion:114 Resp: 585441

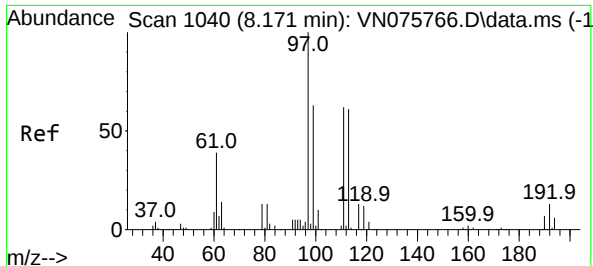
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

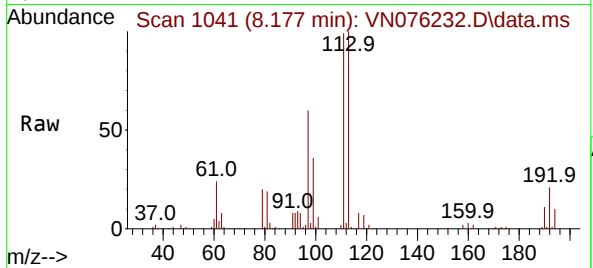
88 14.6 0.0 28.8





#35
Dibromofluoromethane
Concen: 48.997 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

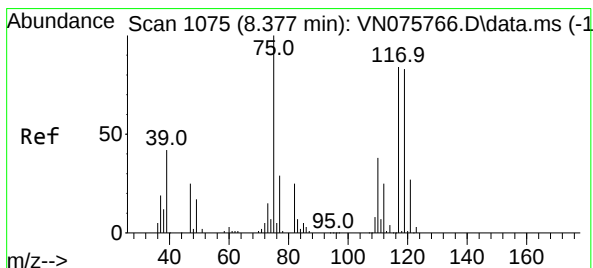
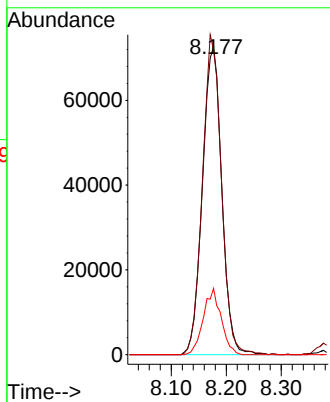
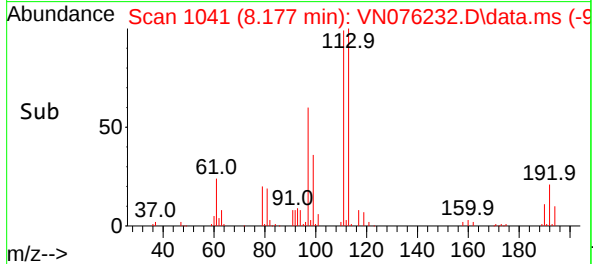
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



Tgt Ion:113 Resp: 17764
Ion Ratio Lower Upper
113 100
111 101.7 83.4 125.2
192 19.8 16.1 24.1

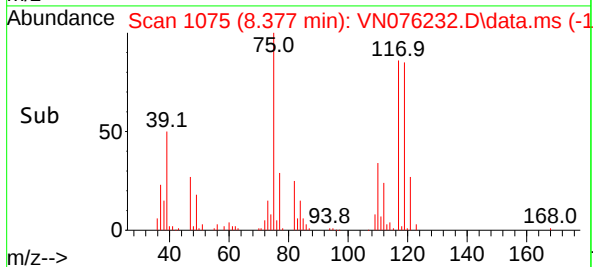
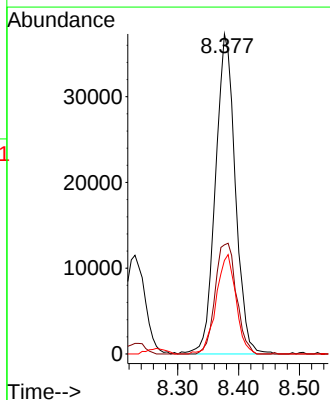
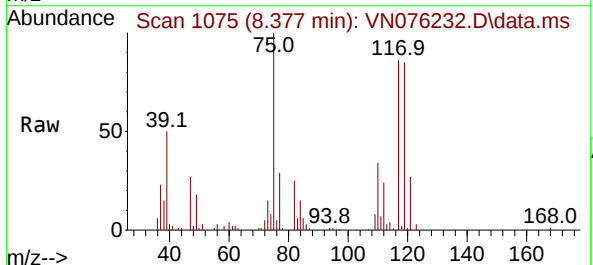
Manual Integrations
APPROVED

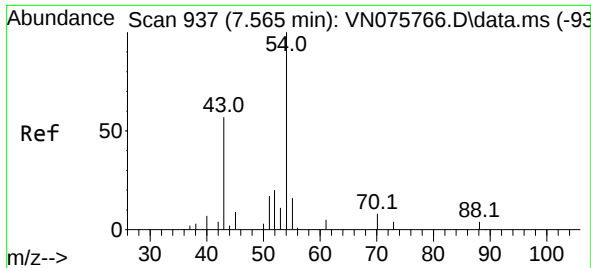
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#36
1,1-Dichloropropene
Concen: 17.526 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 75 Resp: 84409
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.4
77 31.0 24.1 36.1





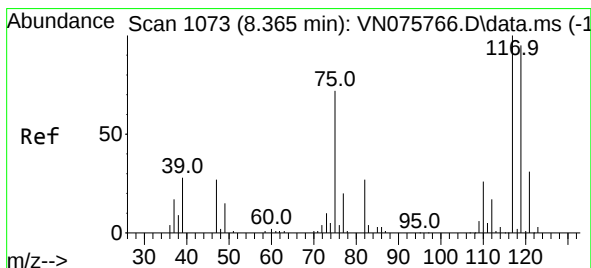
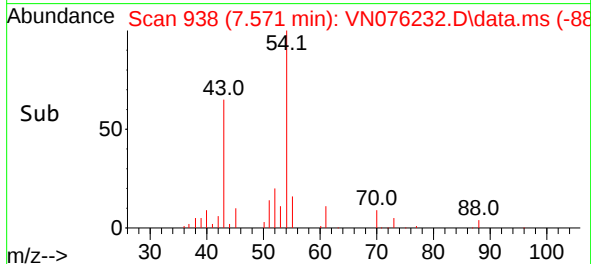
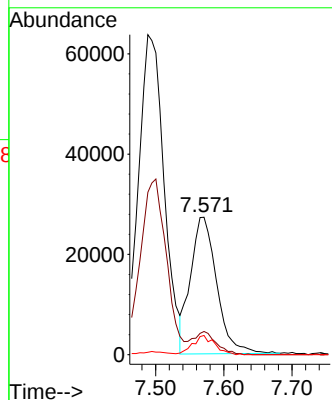
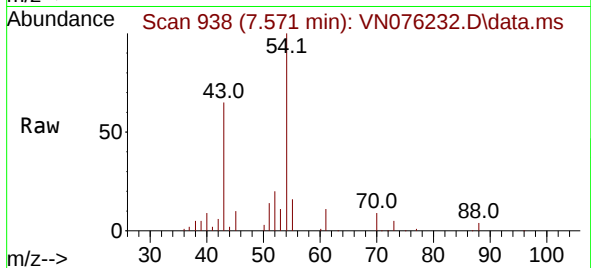
#37
Ethyl Acetate
Concen: 18.822 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 43 Resp: 72815
Ion Ratio Lower Upper
43 100
61 14.5 13.0 19.4
70 11.8 9.4 14.0

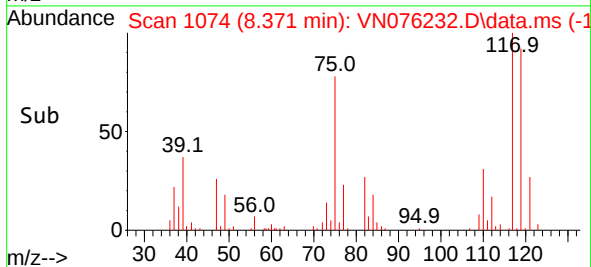
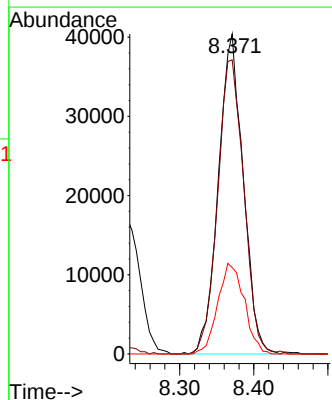
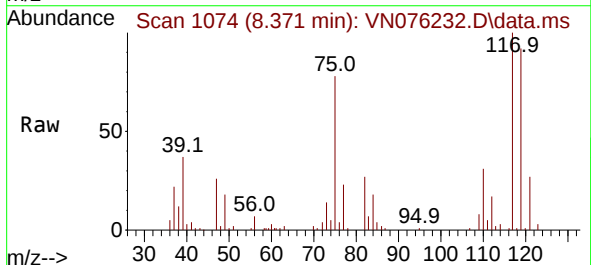
Manual Integrations
APPROVED

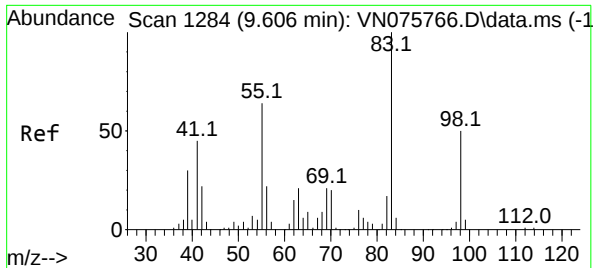
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#38
Carbon Tetrachloride
Concen: 17.430 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

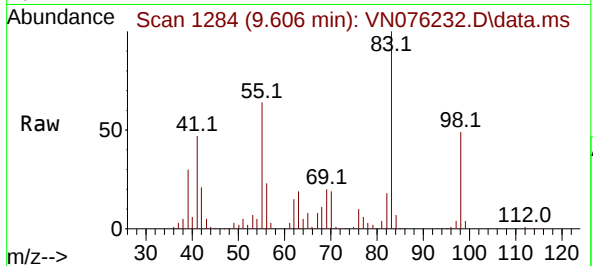
Tgt Ion:117 Resp: 93954
Ion Ratio Lower Upper
117 100
119 91.9 76.1 114.1
121 27.0 24.5 36.7





#39
Methylcyclohexane
Concen: 17.739 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

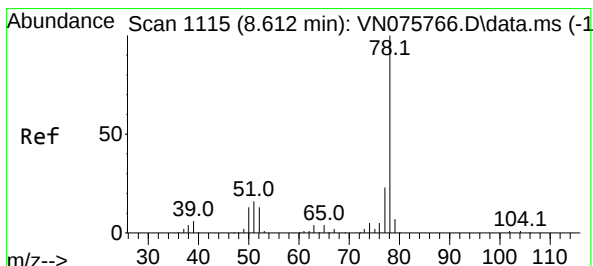
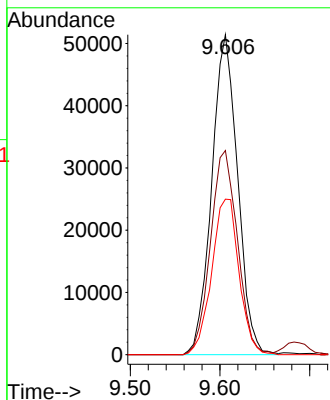
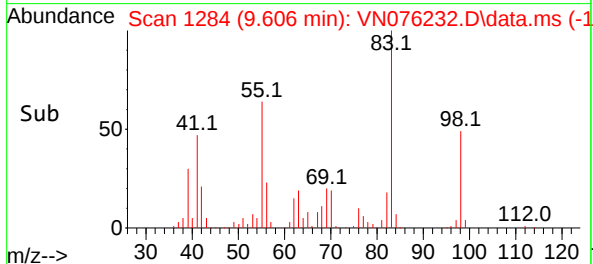
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



Tgt Ion: 83 Resp: 103068
Ion Ratio Lower Upper
83 100
55 63.8 51.4 77.0
98 48.6 39.8 59.8

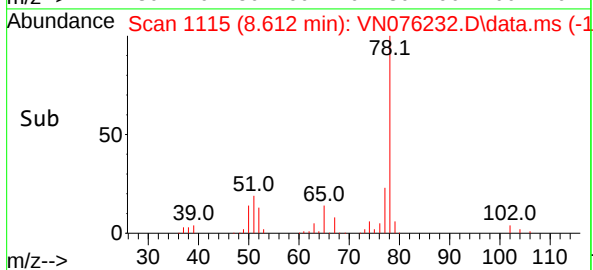
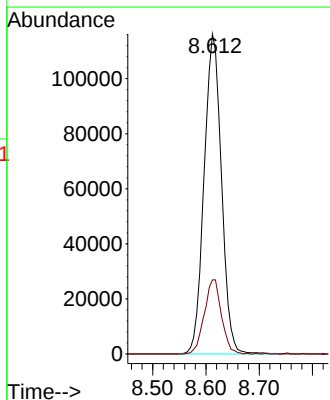
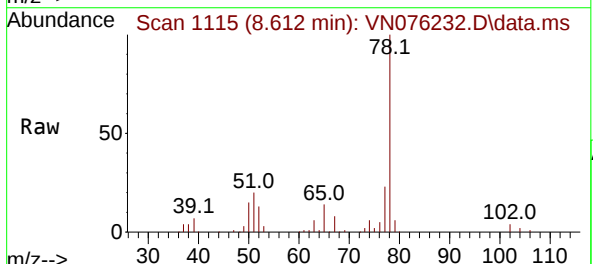
Manual Integrations
APPROVED

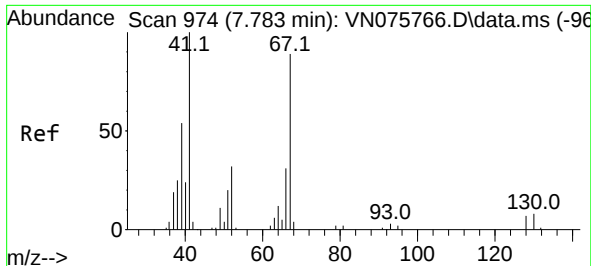
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#40
Benzene
Concen: 17.733 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

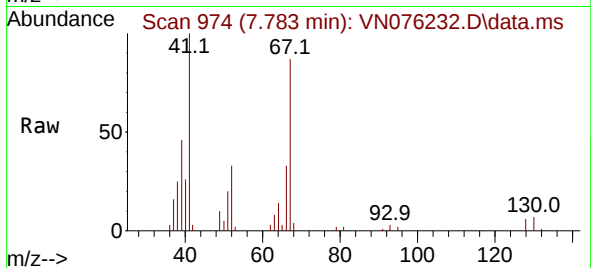
Tgt Ion: 78 Resp: 263500
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7





#41
Methacrylonitrile
Concen: 17.938 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

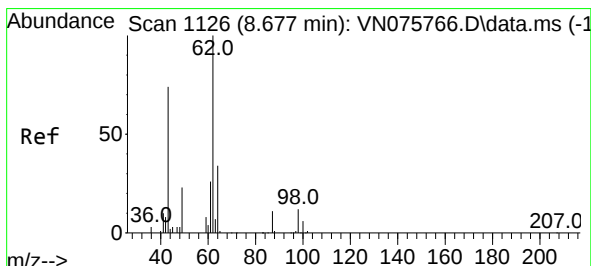
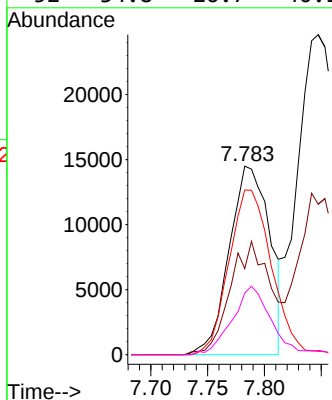
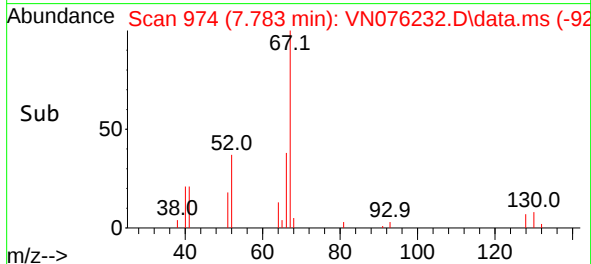
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



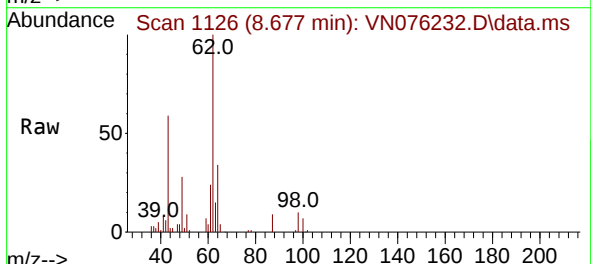
Tgt Ion: 41 Resp: 3607
Ion Ratio Lower Upper
41 100
39 61.4 43.1 64.7
67 92.2 70.7 106.1
52 34.8 26.7 40.1

Manual Integrations
APPROVED

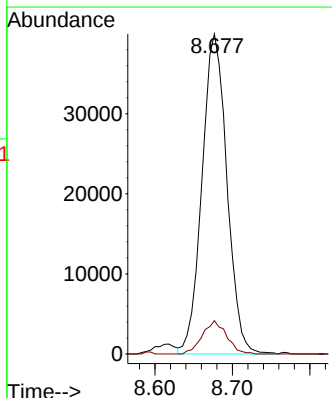
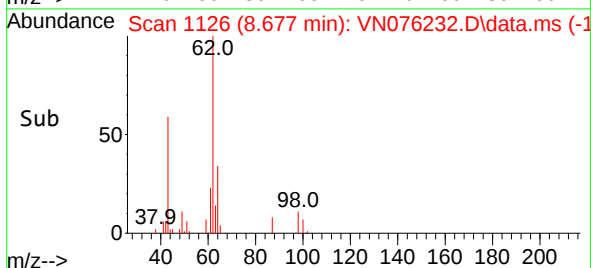
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

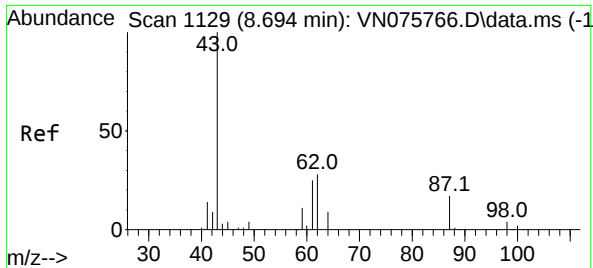


#42
1,2-Dichloroethane
Concen: 18.127 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



Tgt Ion: 62 Resp: 89549
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8





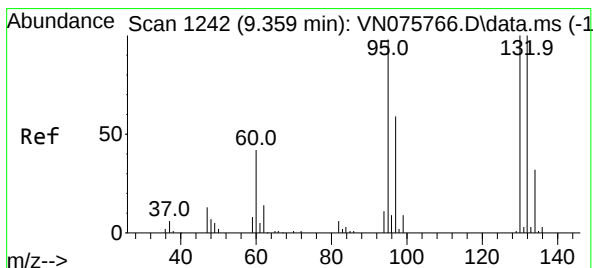
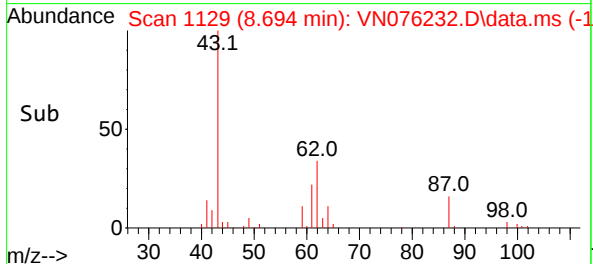
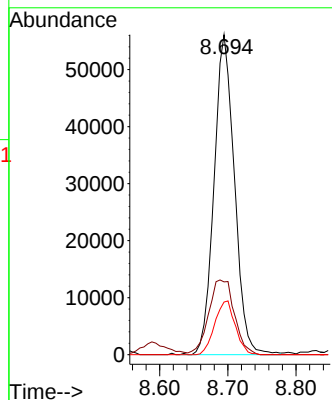
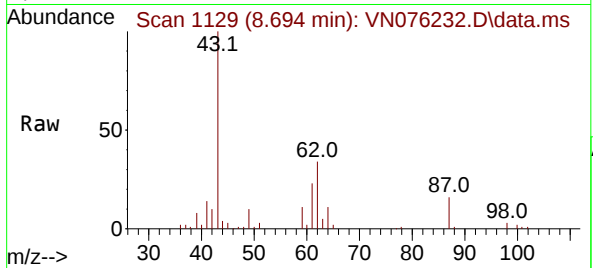
#43
Isopropyl Acetate
Concen: 18.337 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 43 Resp: 117019
Ion Ratio Lower Upper
43 100
61 29.4 24.2 36.4
87 16.9 13.3 19.9

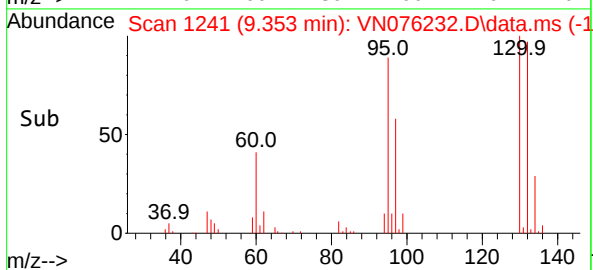
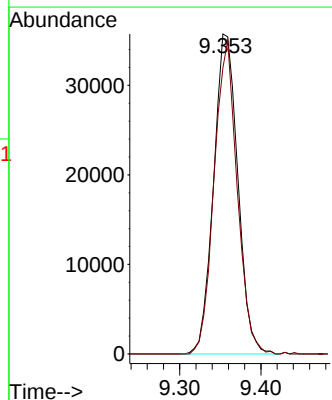
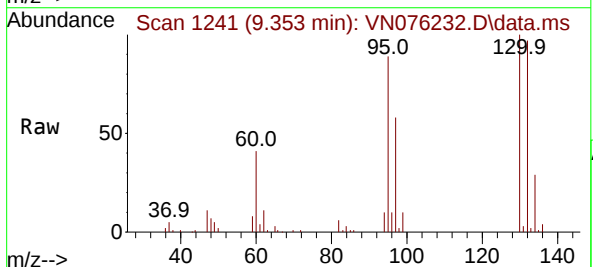
Manual Integrations
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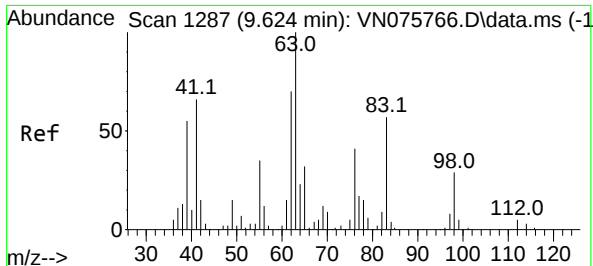
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#44
Trichloroethene
Concen: 17.673 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:130 Resp: 73984
Ion Ratio Lower Upper
130 100
95 89.5 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.196 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 63 Resp: 6218

Ion Ratio Lower Upper

63 100

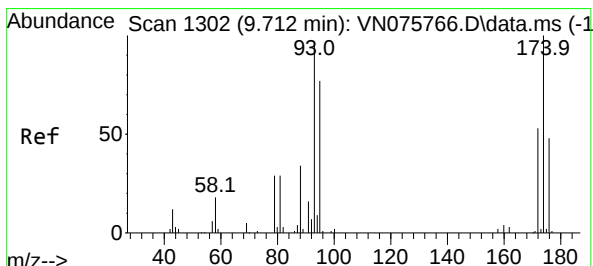
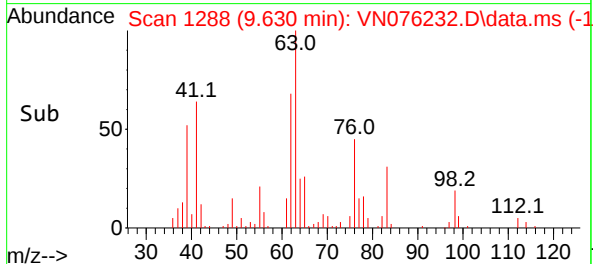
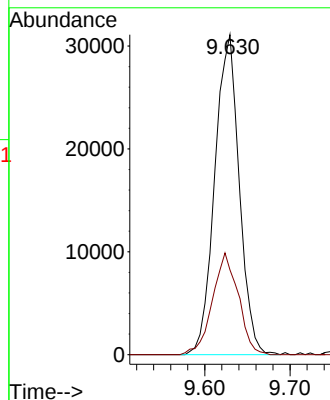
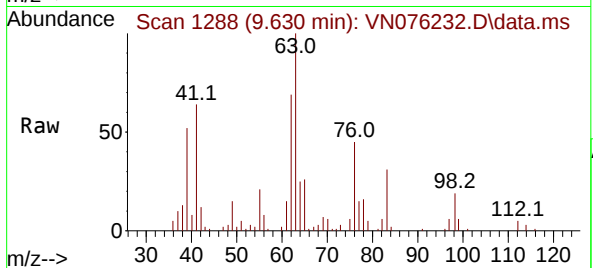
65 26.5 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#46

Dibromomethane

Concen: 17.029 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

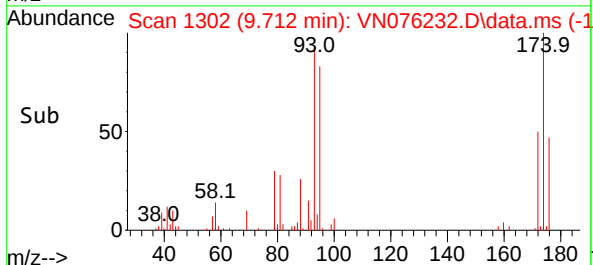
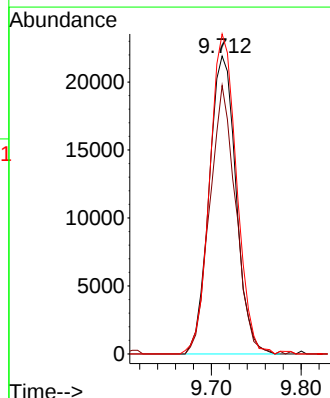
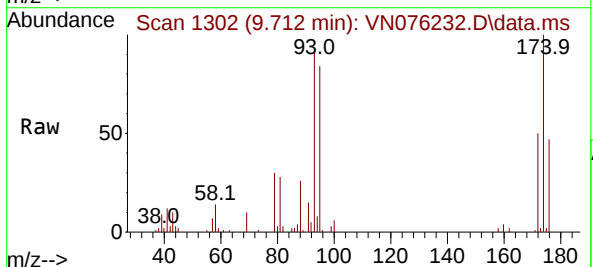
Tgt Ion: 93 Resp: 45673

Ion Ratio Lower Upper

93 100

95 86.5 65.2 97.8

174 107.0 82.4 123.6





#47

Bromodichloromethane

Concen: 17.236 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

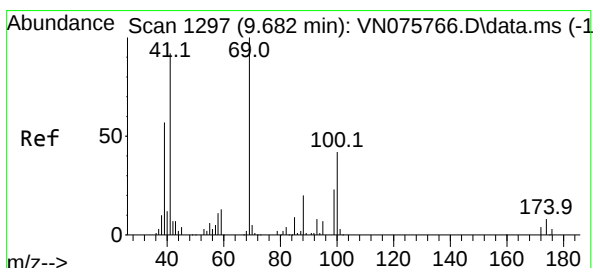
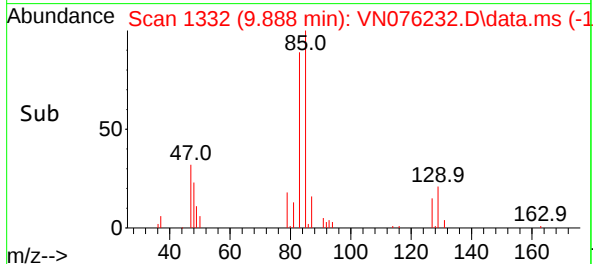
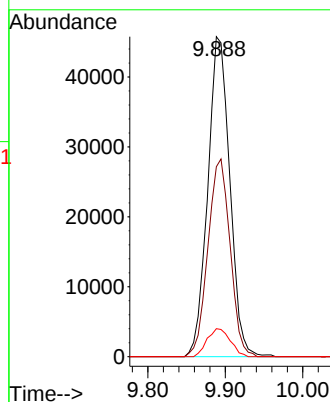
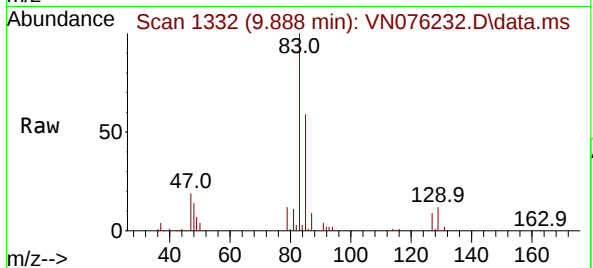
Tgt Ion: 83	Resp: 9065
Ion Ratio	Lower Upper
83 100	
85 59.3	51.5 77.3
127 8.7	6.6 10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#48

Methyl methacrylate

Concen: 18.705 ug/l

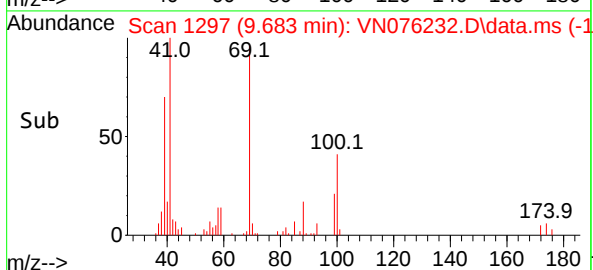
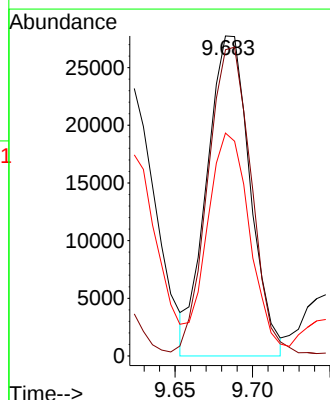
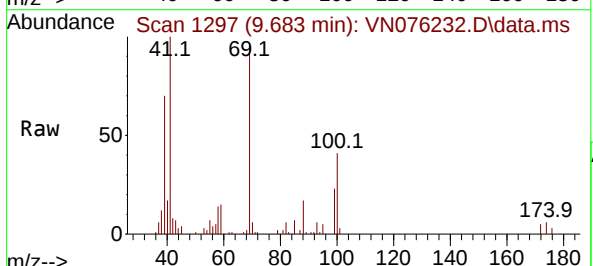
RT: 9.683 min Scan# 1297

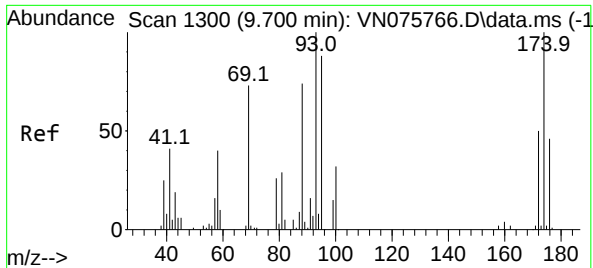
Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Tgt Ion: 41	Resp: 53763
Ion Ratio	Lower Upper
41 100	
69 98.4	81.9 122.9
39 70.1	51.6 77.4





#49

1,4-Dioxane

Concen: 319.616 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 88 Resp: 22584

Ion Ratio Lower Upper

88 100

43 28.1 17.1 25.7

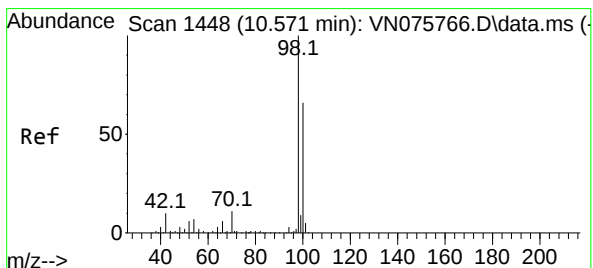
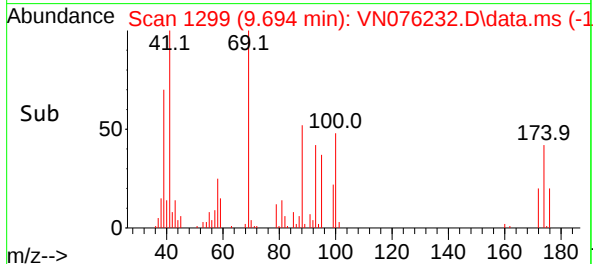
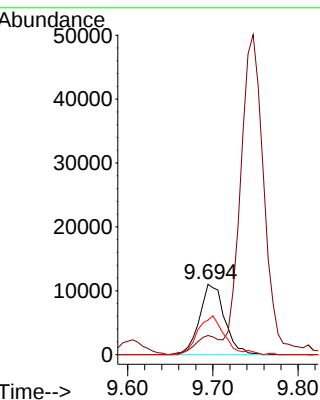
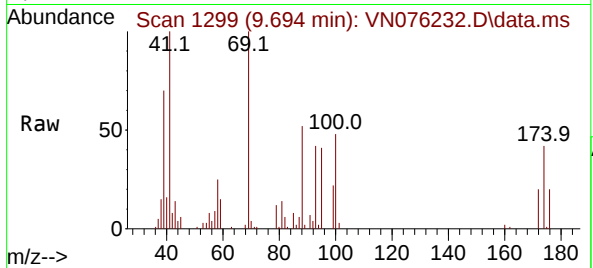
58 58.8 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 47.010 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076232.D

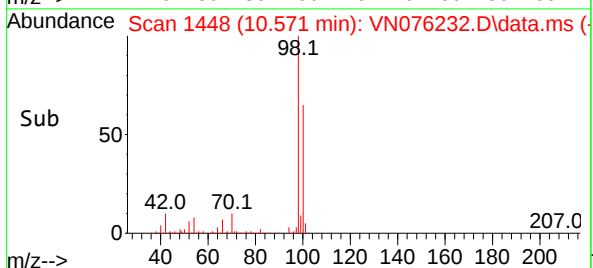
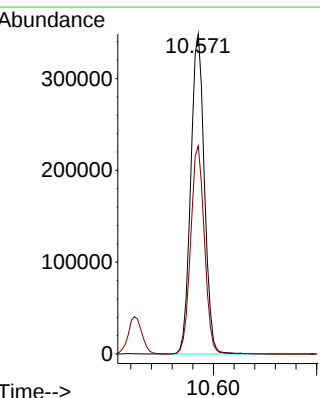
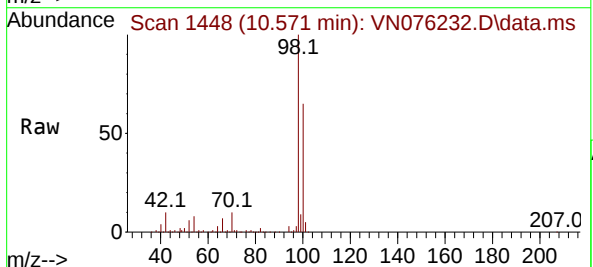
Acq: 12 Jan 2023 15:51

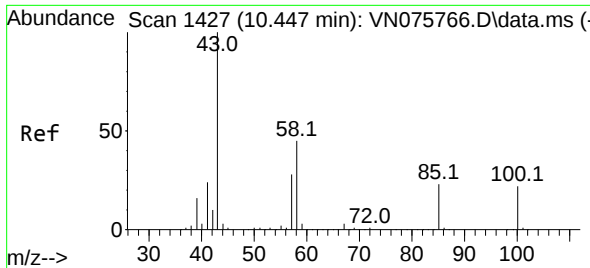
Tgt Ion: 98 Resp: 637239

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





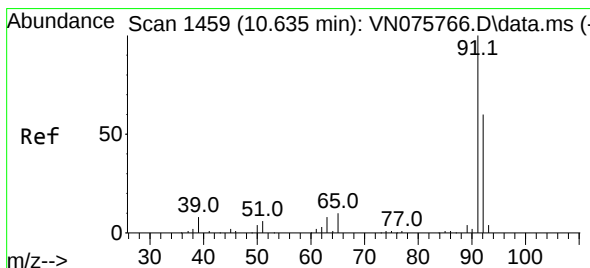
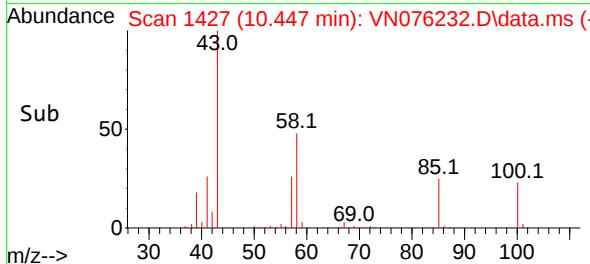
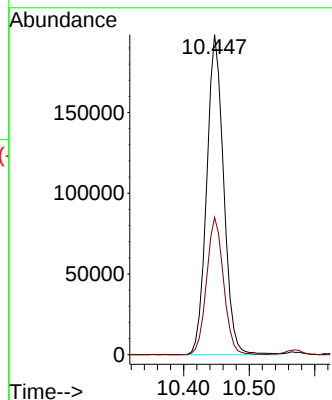
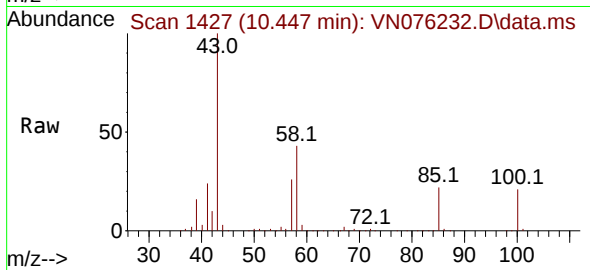
#51
4-Methyl-2-Pentanone
Concen: 92.593 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 43 Resp: 35734
Ion Ratio Lower Upper
43 100
58 42.9 35.5 53.3

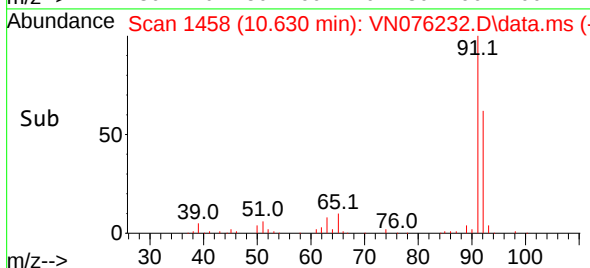
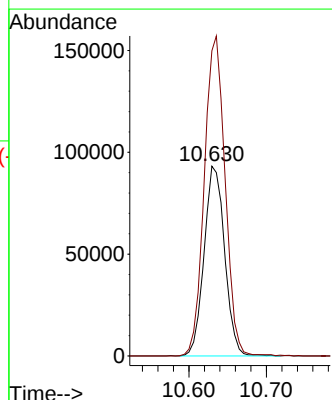
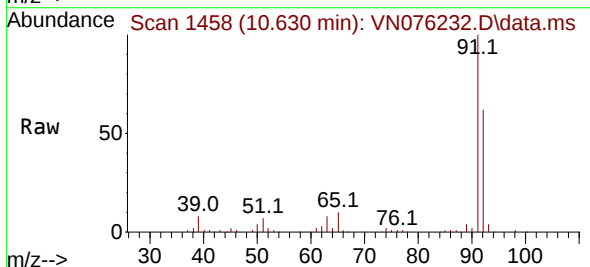
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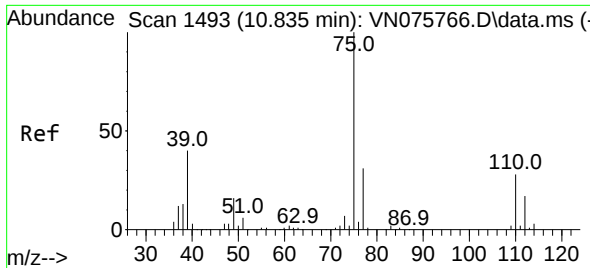
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#52
Toluene
Concen: 17.742 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 92 Resp: 171699
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9





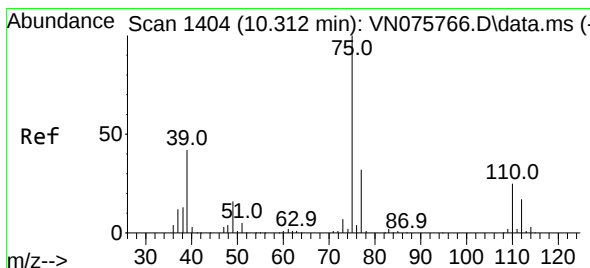
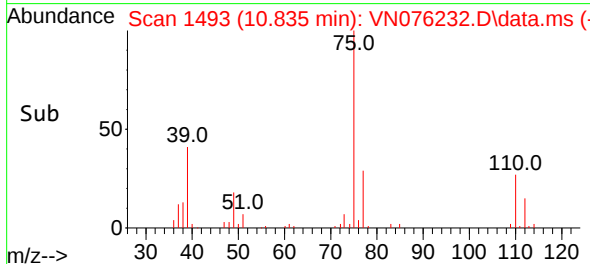
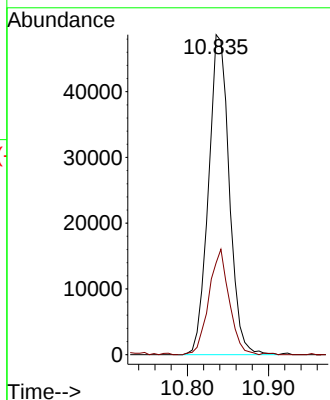
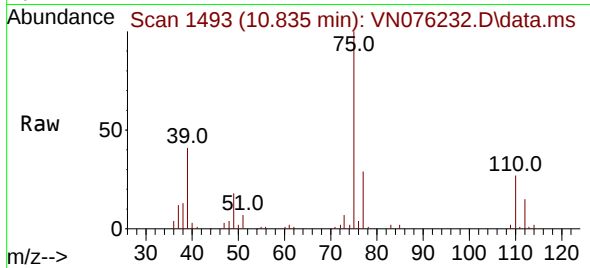
#53
 t-1,3-Dichloropropene
 Concen: 16.793 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02

Tgt Ion: 75 Resp: 86450
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.9 37.3

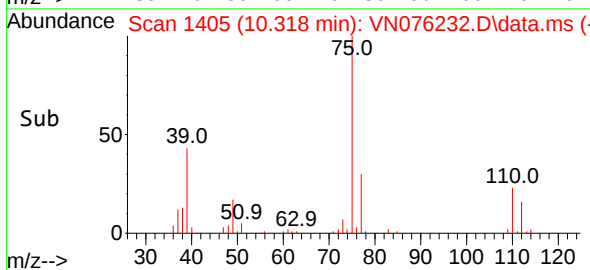
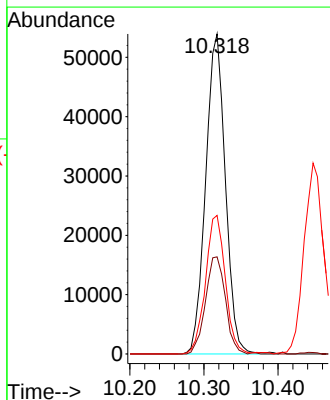
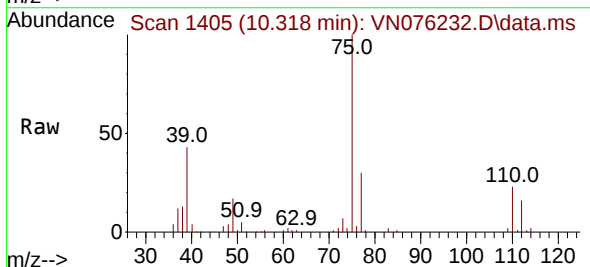
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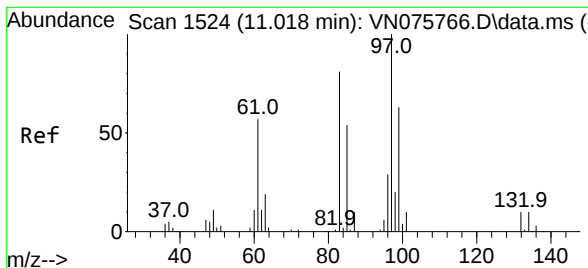
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 17.609 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

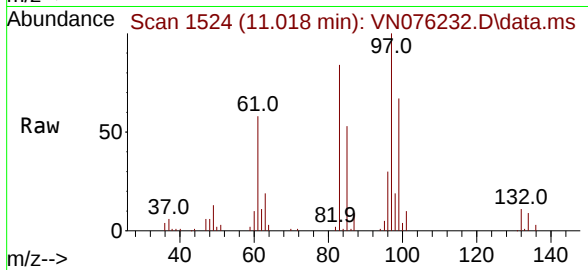
Tgt Ion: 75 Resp: 99541
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.8 38.8
 39 43.3 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 17.931 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

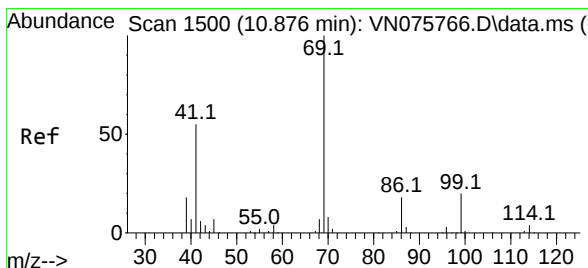
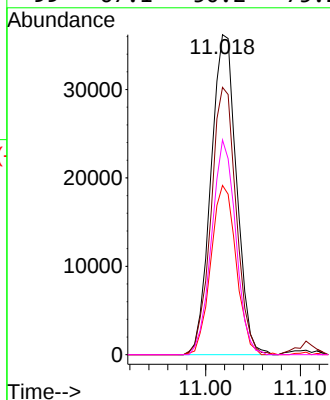
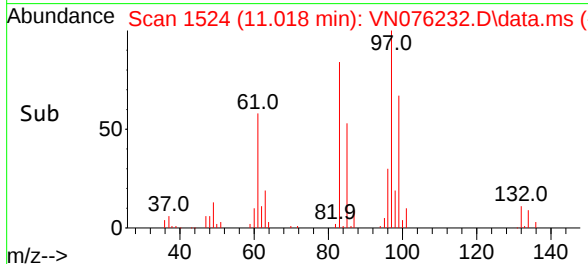
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



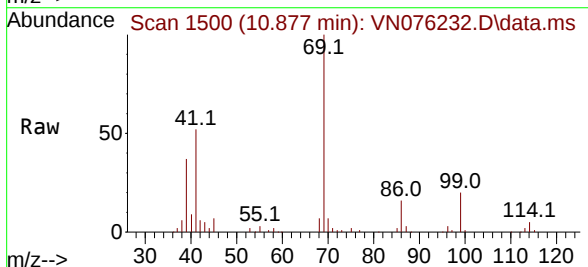
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.0	97.4
85	52.9	43.0	64.6
99	67.1	50.2	75.2

Manual Integrations
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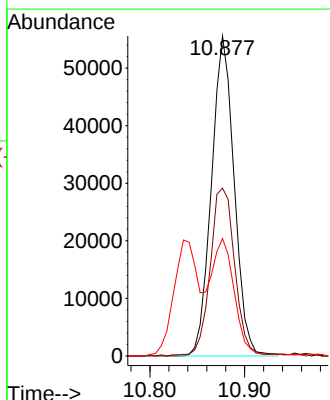
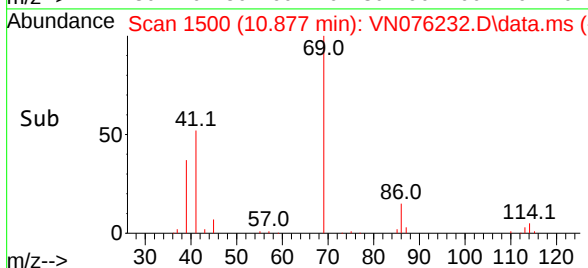
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

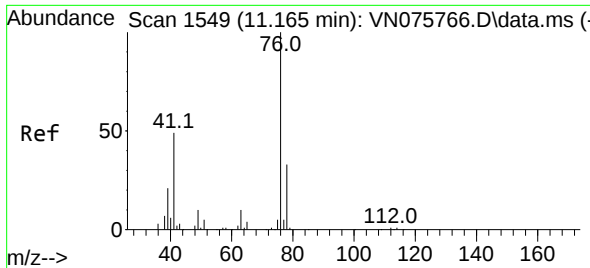


#56
Ethyl methacrylate
Concen: 18.342 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



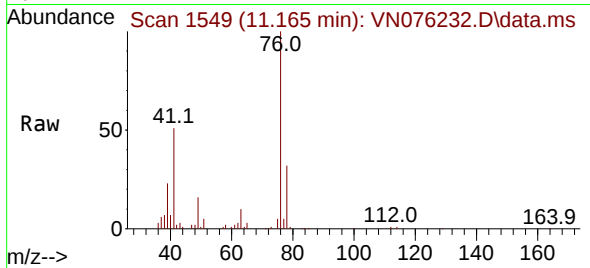
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	44.2	66.4
39	35.2	26.4	39.6





#57
1,3-Dichloropropane
Concen: 17.426 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

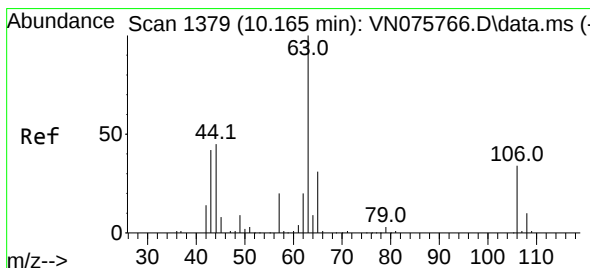
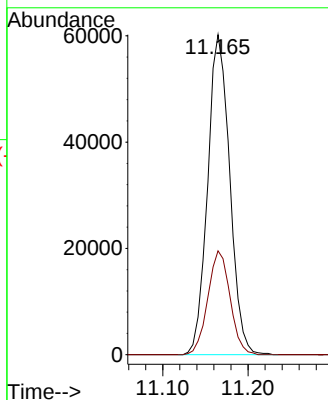
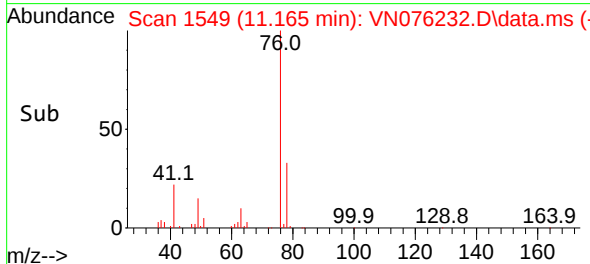
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



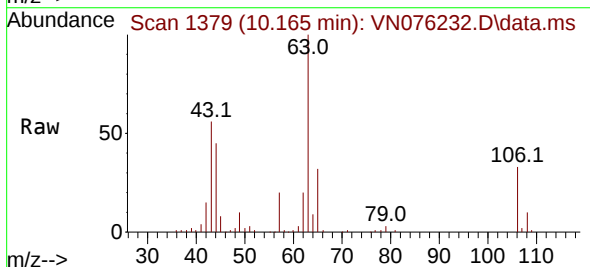
Tgt Ion: 76 Resp: 108578
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
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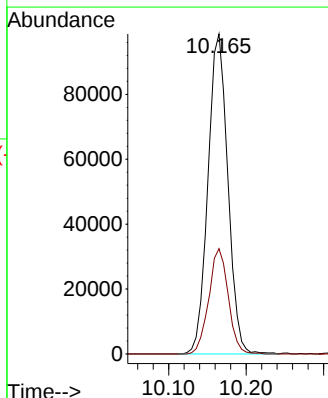
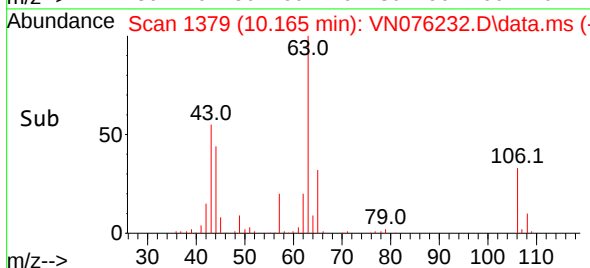
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

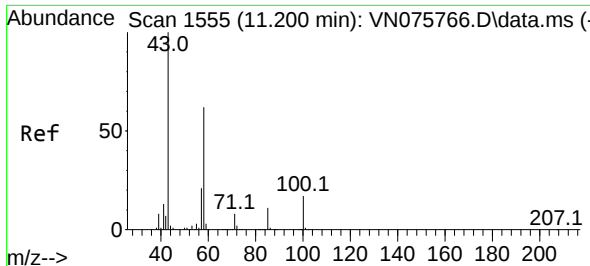


#58
2-Chloroethyl Vinyl ether
Concen: 109.408 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



Tgt Ion: 63 Resp: 175752
Ion Ratio Lower Upper
63 100
106 32.2 26.4 39.6





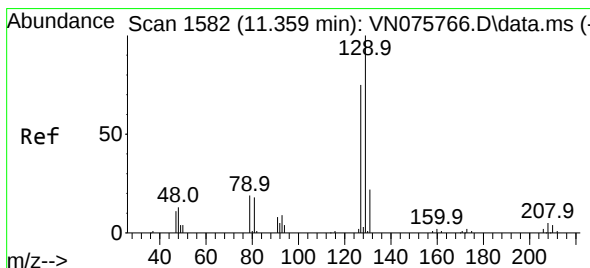
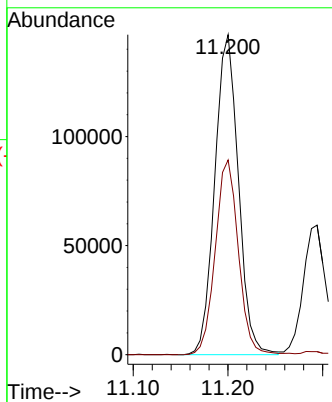
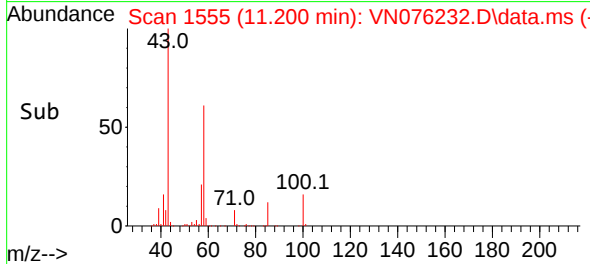
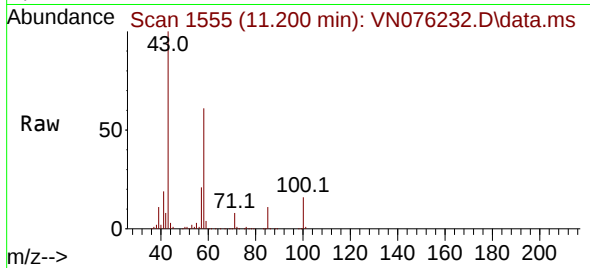
#59
2-Hexanone
Concen: 90.272 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 43 Resp: 25406
Ion Ratio Lower Upper
43 100
58 59.7 30.6 92.0

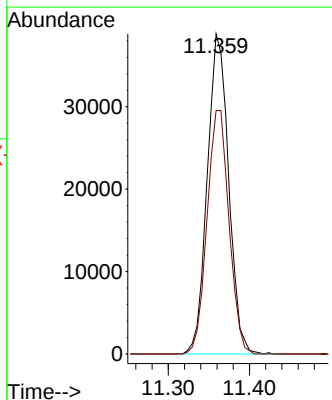
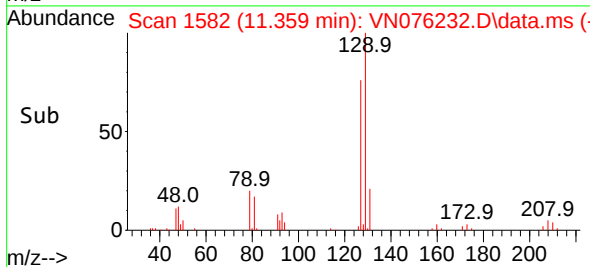
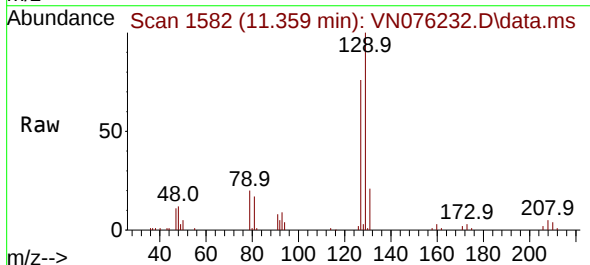
Manual Integrations
APPROVED

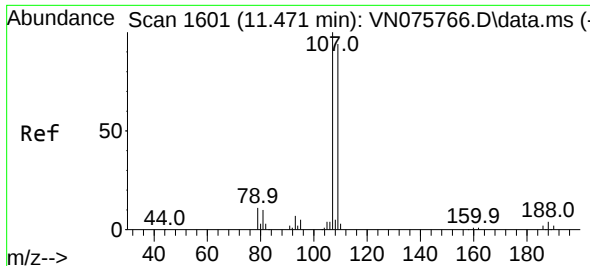
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#60
Dibromochloromethane
Concen: 16.819 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

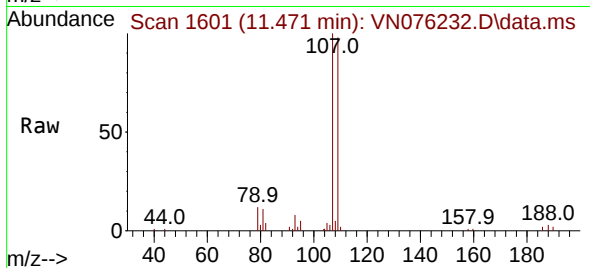
Tgt Ion:129 Resp: 71051
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 17.568 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

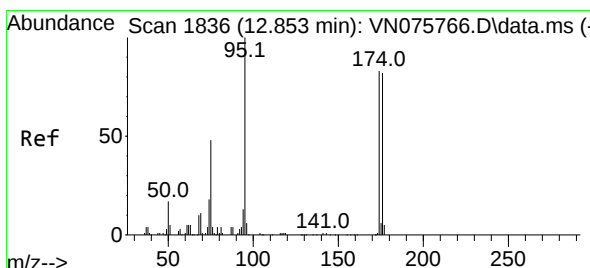
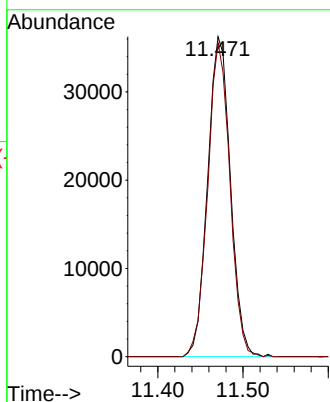
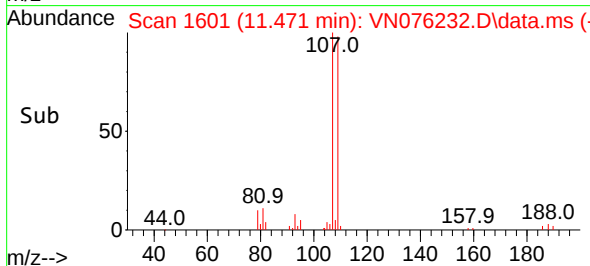
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



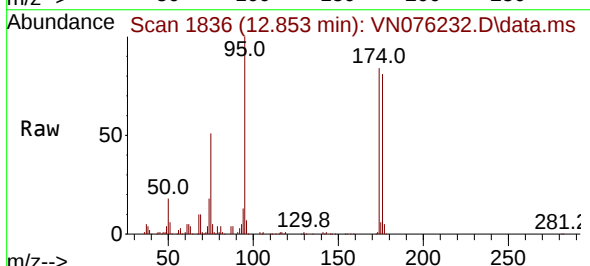
Tgt Ion:107 Resp: 6753
Ion Ratio Lower Upper
107 100
109 95.5 74.8 112.2

Manual Integrations
APPROVED

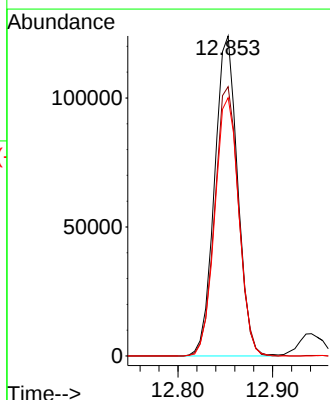
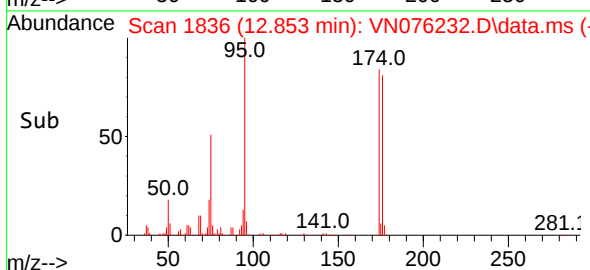
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

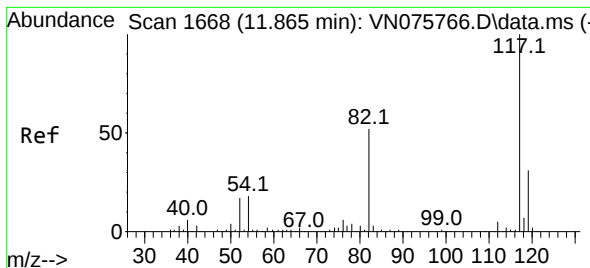


#62
4-Bromofluorobenzene
Concen: 46.754 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



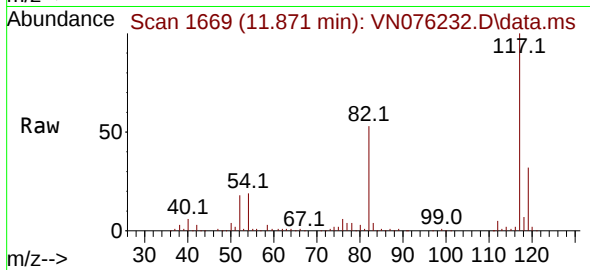
Tgt Ion: 95 Resp: 209913
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 83.9 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

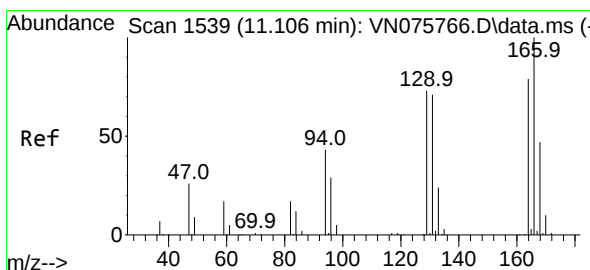
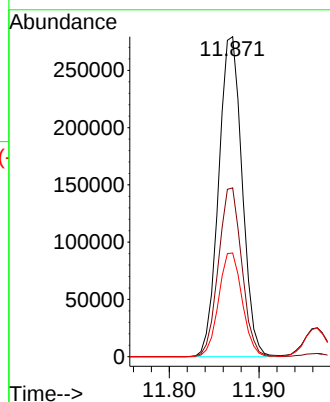
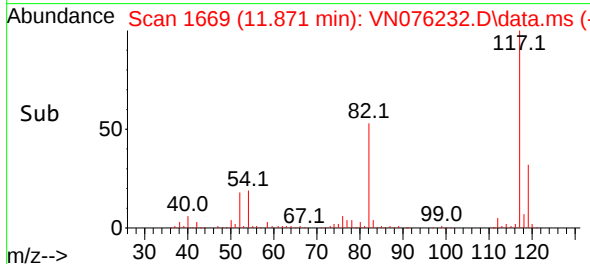
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



Tgt Ion:117 Resp: 508378
Ion Ratio Lower Upper
117 100
82 52.7 41.3 61.9
119 32.4 24.6 37.0

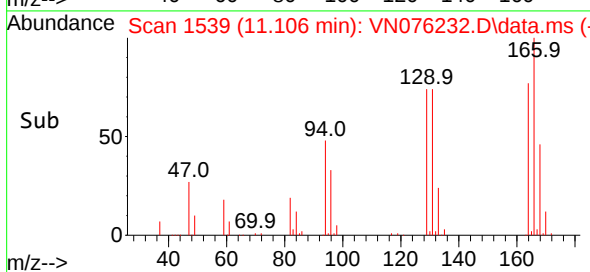
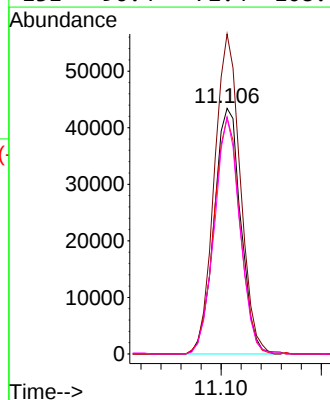
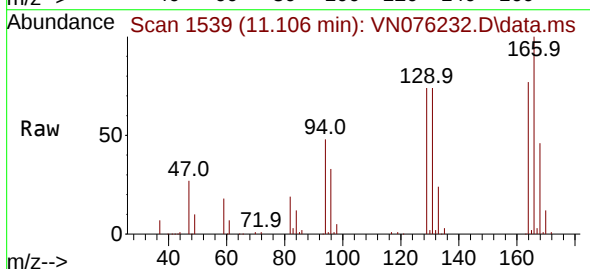
Manual Integrations
APPROVED

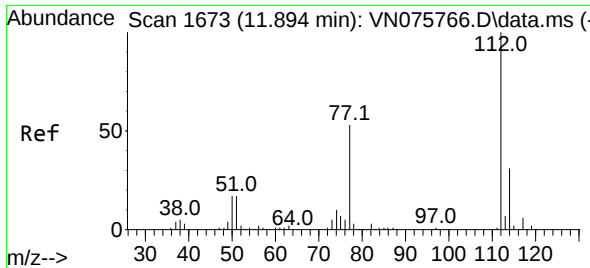
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#64
Tetrachloroethene
Concen: 22.416 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:164 Resp: 80190
Ion Ratio Lower Upper
164 100
166 130.3 101.9 152.9
129 96.2 74.2 111.2
131 96.4 72.4 108.6





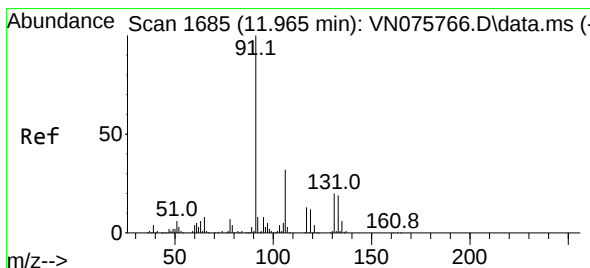
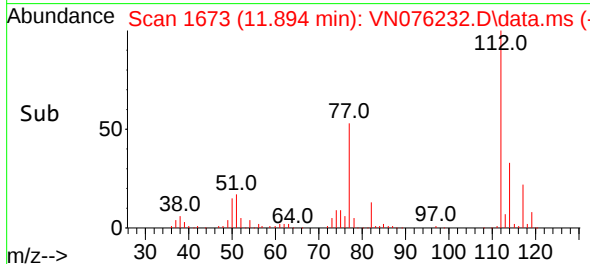
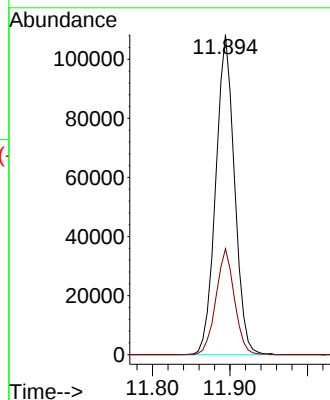
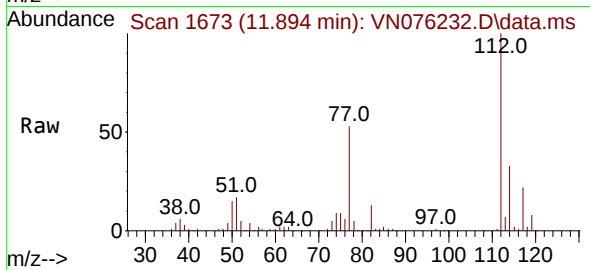
#65
Chlorobenzene
Concen: 17.461 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion:112 Resp: 18219
Ion Ratio Lower Upper
112 100
114 33.1 24.7 37.1

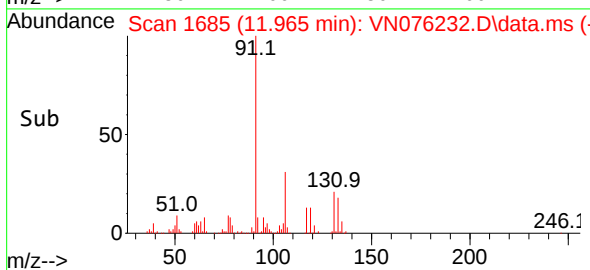
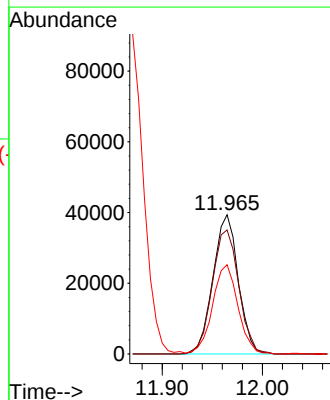
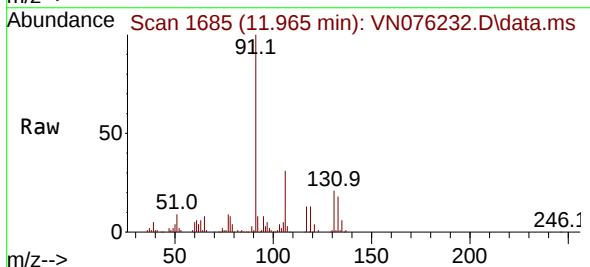
Manual Integrations
APPROVED

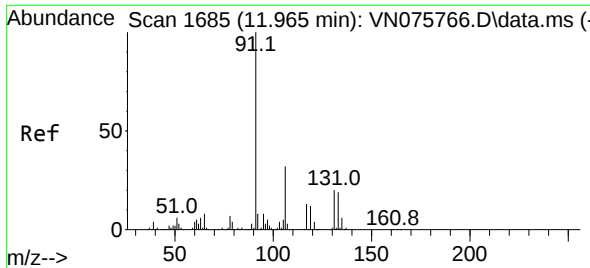
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.776 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:131 Resp: 68701
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 64.5 31.9 95.7





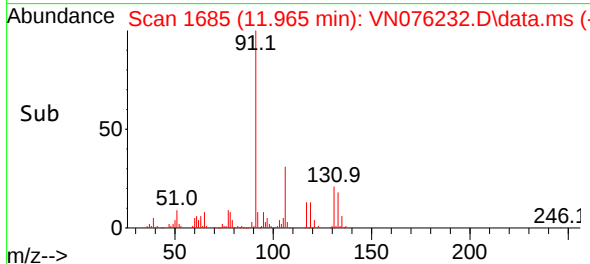
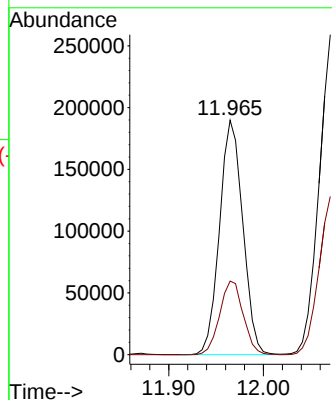
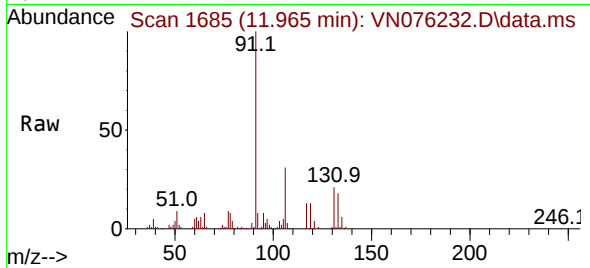
#67
Ethyl Benzene
Concen: 18.404 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 91 Resp: 324100
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5

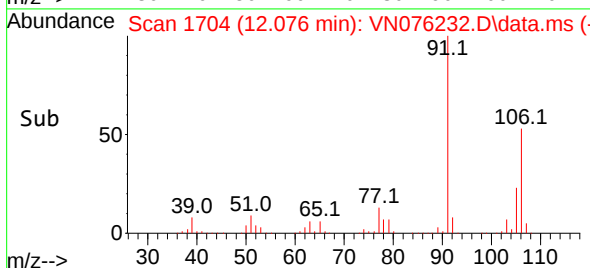
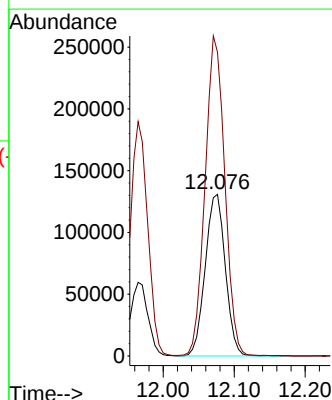
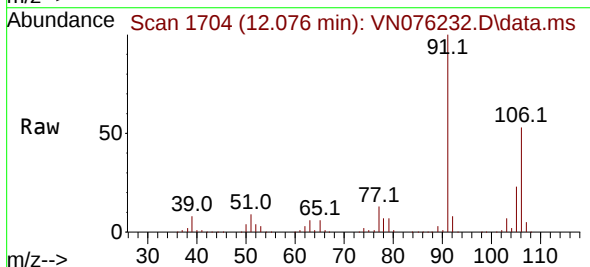
Manual Integrations
APPROVED

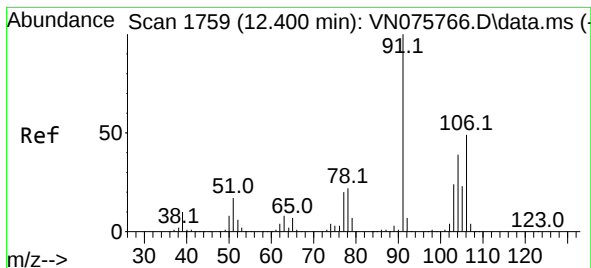
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#68
m/p-Xylenes
Concen: 36.910 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:106 Resp: 257273
Ion Ratio Lower Upper
106 100
91 193.8 156.6 235.0





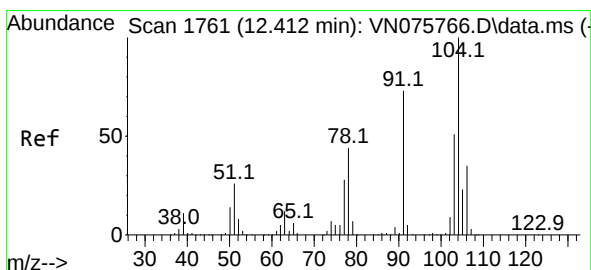
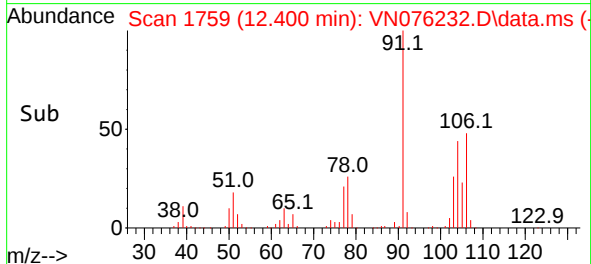
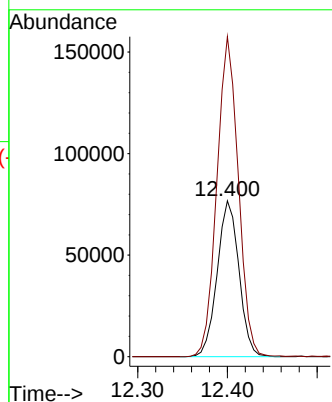
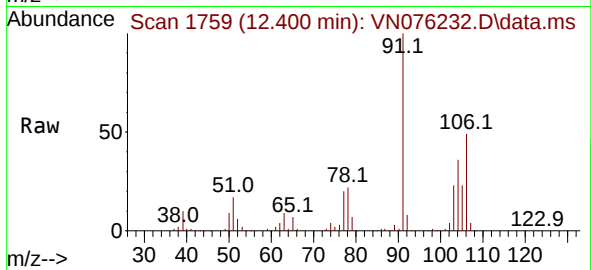
#69
o-Xylene
Concen: 18.723 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion:106 Resp: 129149
Ion Ratio Lower Upper
106 100
91 202.6 103.8 311.6

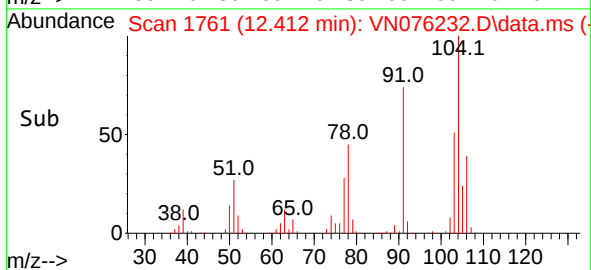
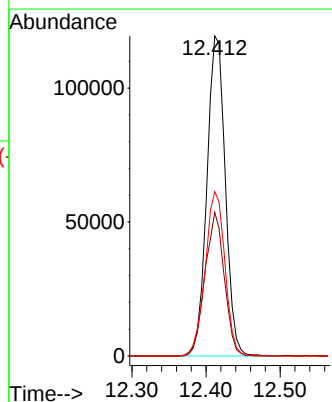
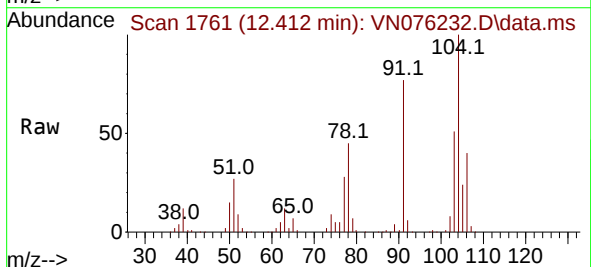
Manual Integrations
APPROVED

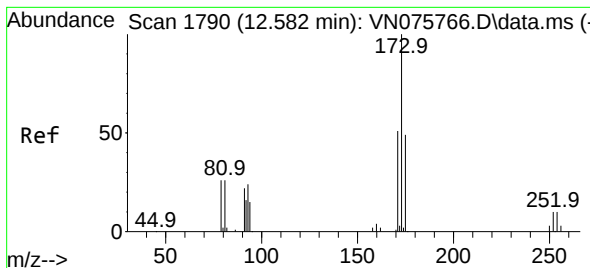
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#70
Styrene
Concen: 18.793 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:104 Resp: 206111
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 55.1 43.5 65.3





#71

Bromoform

Concen: 17.827 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

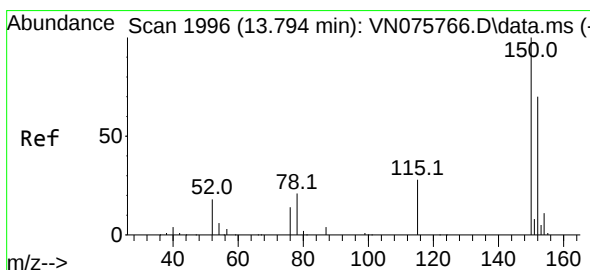
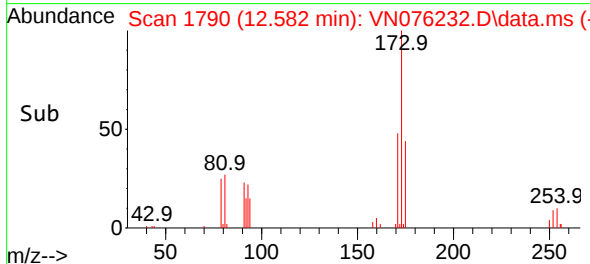
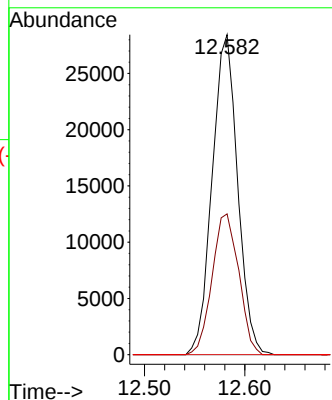
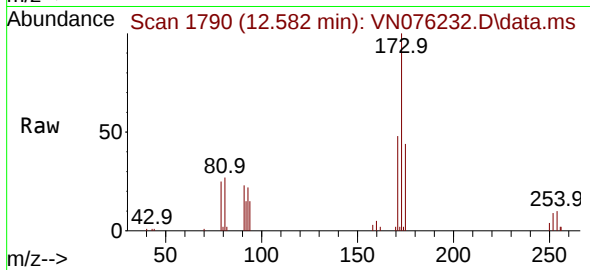
Tgt Ion:	173	Resp:	5013
Ion Ratio	Lower	Upper	
173	100		
175	46.1	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

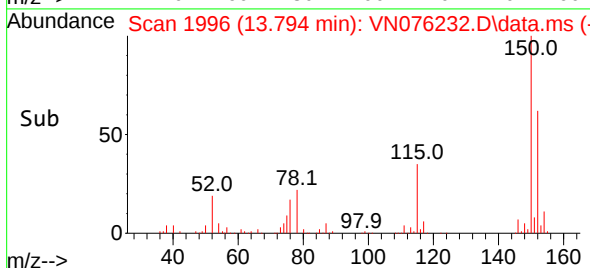
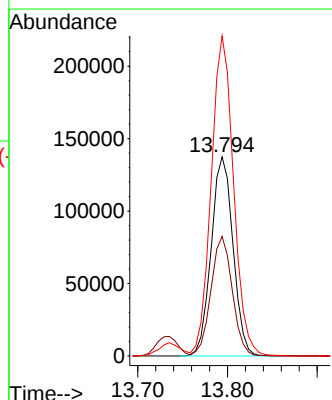
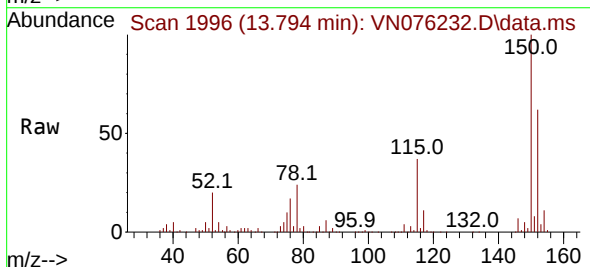
RT: 13.794 min Scan# 1996

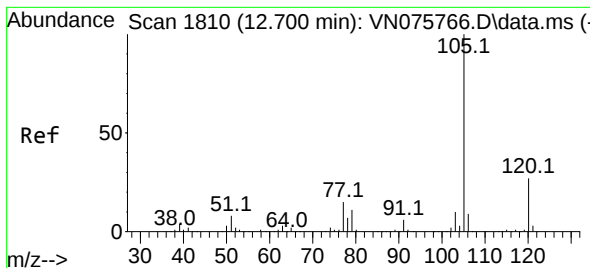
Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Tgt Ion:	152	Resp:	232175
Ion Ratio	Lower	Upper	
152	100		
115	58.6	29.1	87.4
150	164.3	0.0	347.0





#73

Isopropylbenzene

Concen: 19.898 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion:105 Resp: 33384

Ion Ratio Lower Upper

105 100

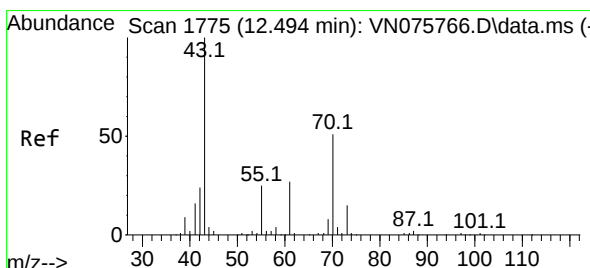
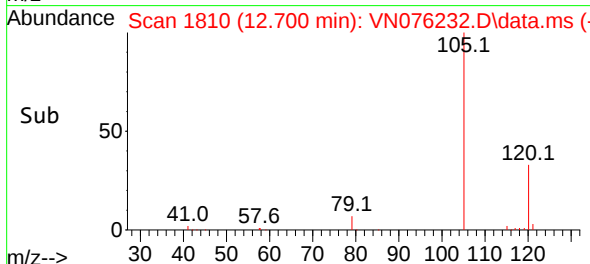
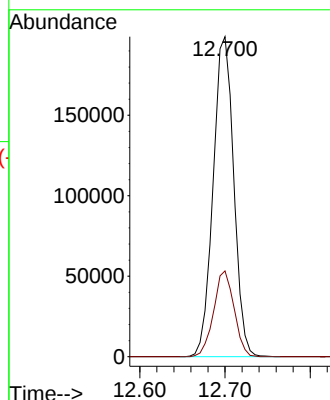
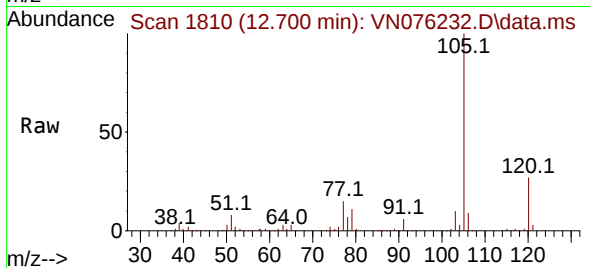
120 26.6 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#74

N-ethyl acetate

Concen: 19.013 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Tgt Ion: 43 Resp: 93583

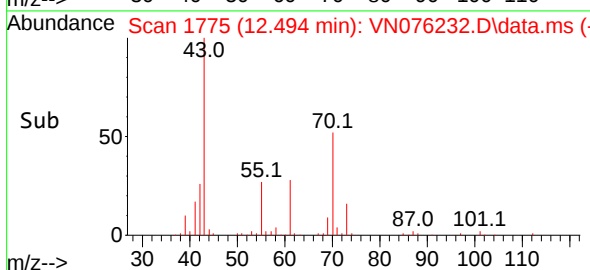
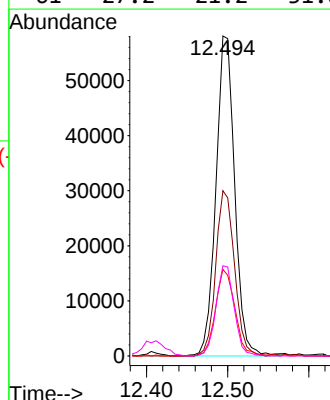
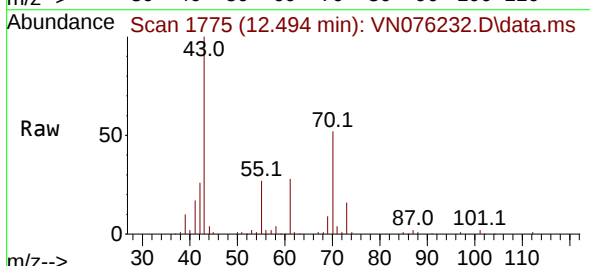
Ion Ratio Lower Upper

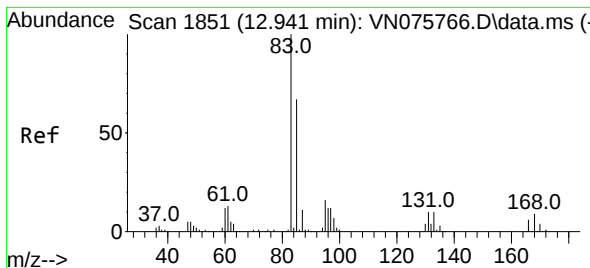
43 100

70 51.5 41.4 62.0

55 28.1 21.3 31.9

61 27.2 21.2 31.8





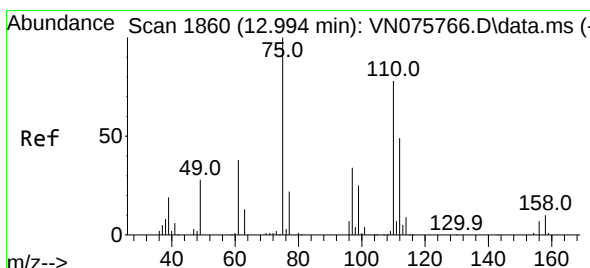
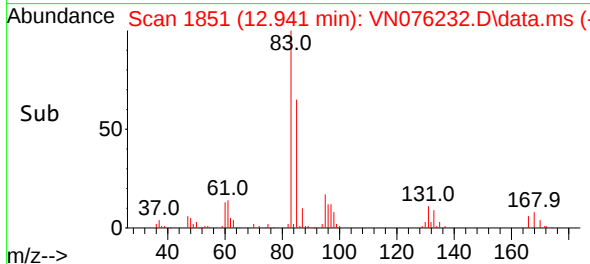
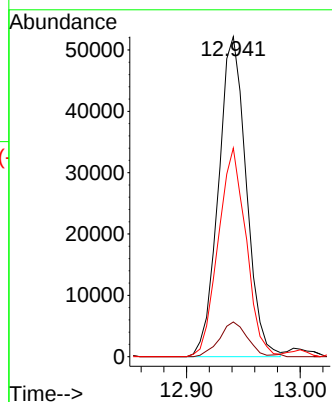
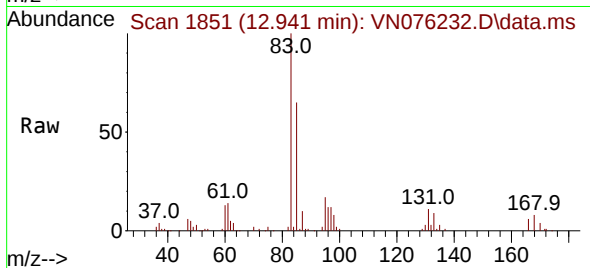
#75
1,1,2,2-Tetrachloroethane
Concen: 17.098 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 83 Resp: 88684
Ion Ratio Lower Upper
83 100
131 11.1 5.6 16.8
85 65.4 32.6 98.0

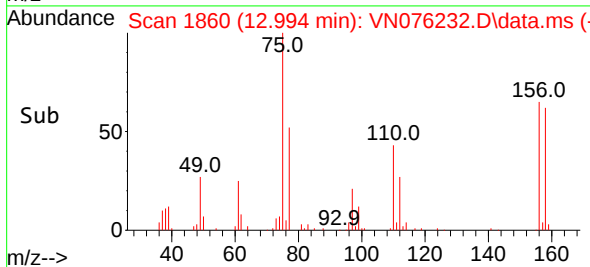
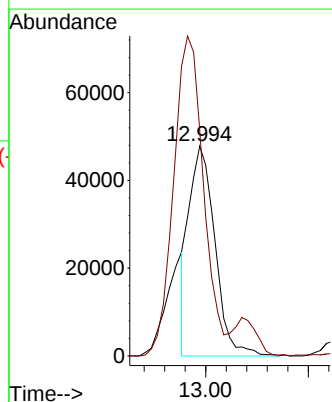
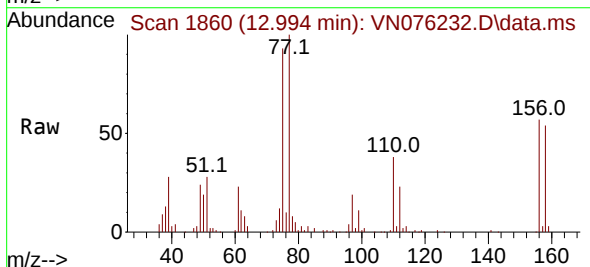
Manual Integrations
APPROVED

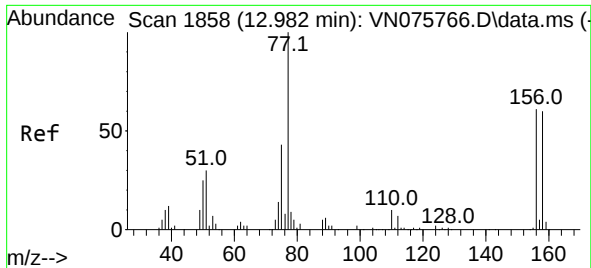
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#76
1,2,3-Trichloropropane
Concen: 17.929 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 75 Resp: 83909
Ion Ratio Lower Upper
75 100
77 176.8 82.6 247.8





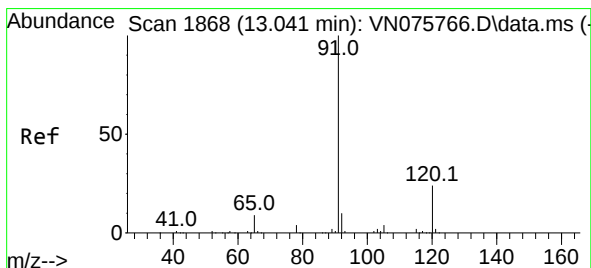
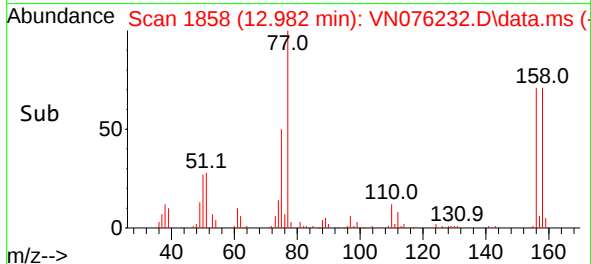
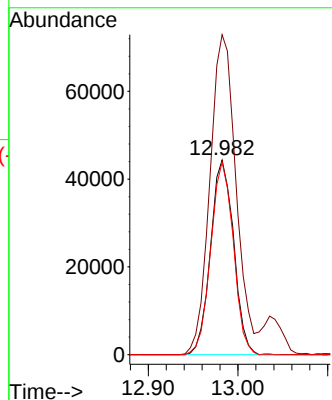
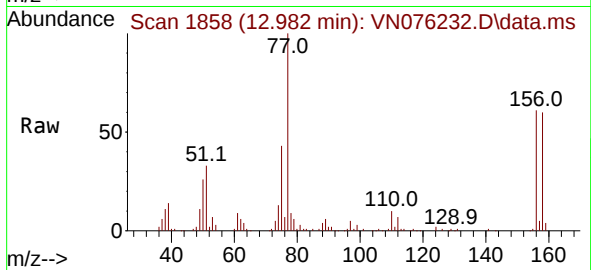
#77
Bromobenzene
Concen: 18.696 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion:156 Resp: 7938
Ion Ratio Lower Upper
156 100
77 186.9 93.8 281.3
158 96.5 48.9 146.6

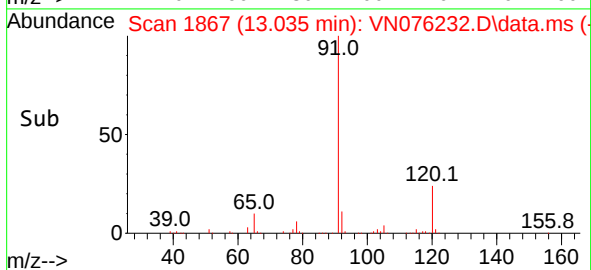
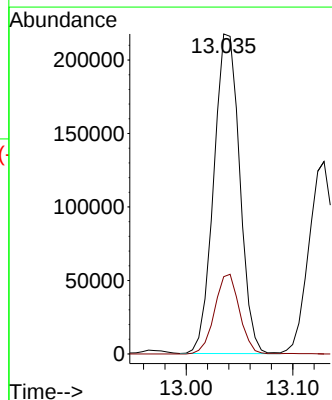
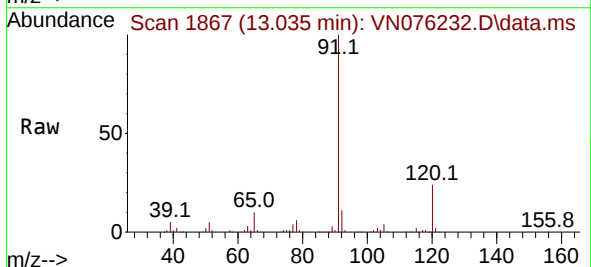
Manual Integrations
APPROVED

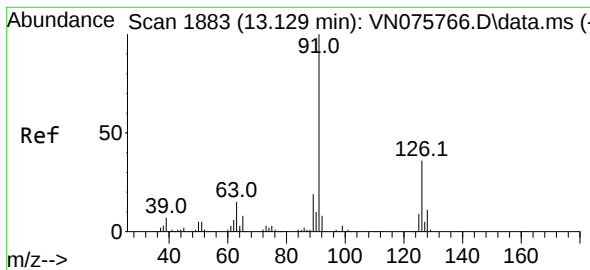
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#78
n-propylbenzene
Concen: 19.847 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 91 Resp: 367279
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





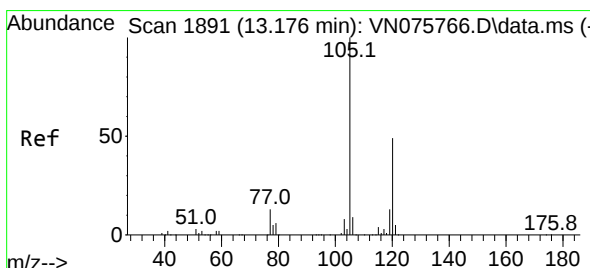
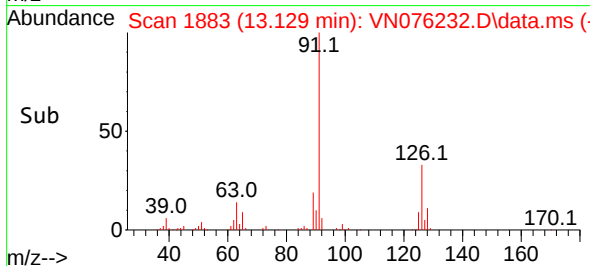
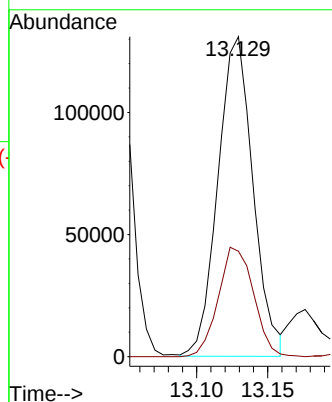
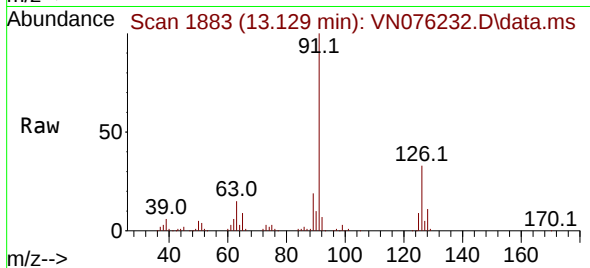
#79
2-Chlorotoluene
Concen: 19.479 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 91 Resp: 225015
Ion Ratio Lower Upper
91 100
126 34.4 17.5 52.5

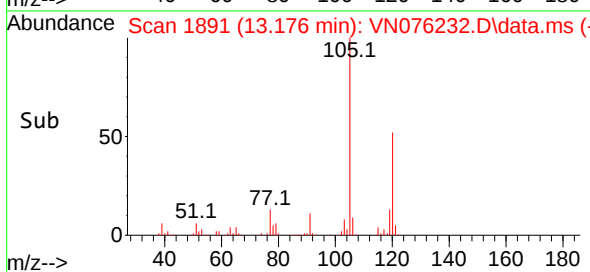
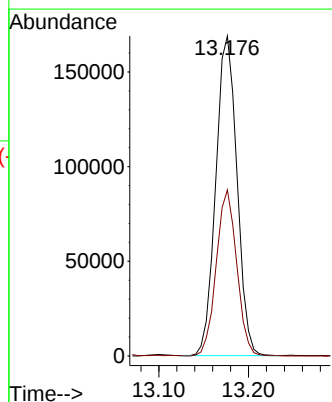
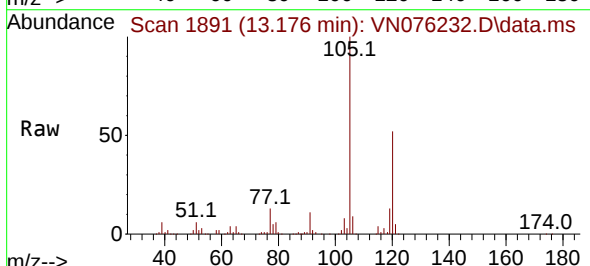
Manual Integrations
APPROVED

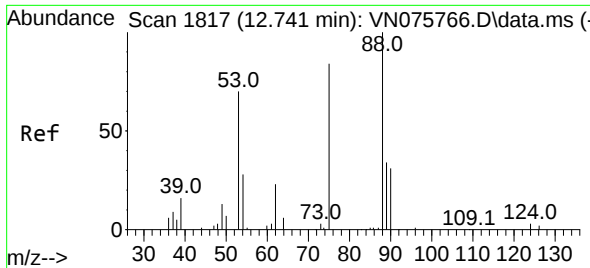
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.701 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:105 Resp: 276652
Ion Ratio Lower Upper
105 100
120 50.3 24.7 74.1





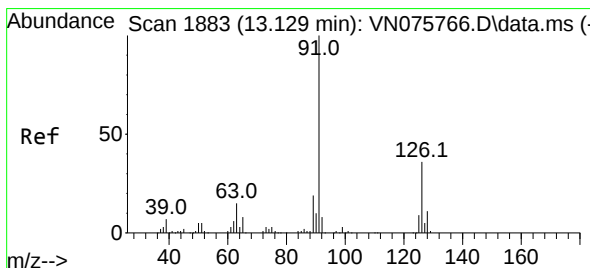
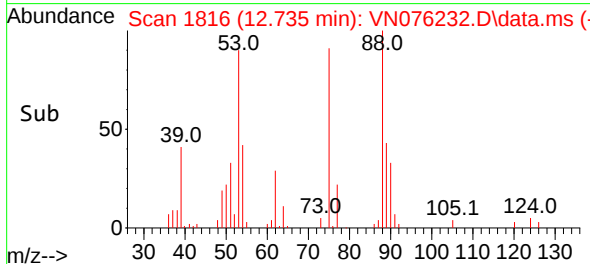
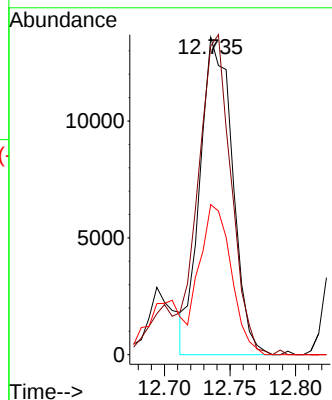
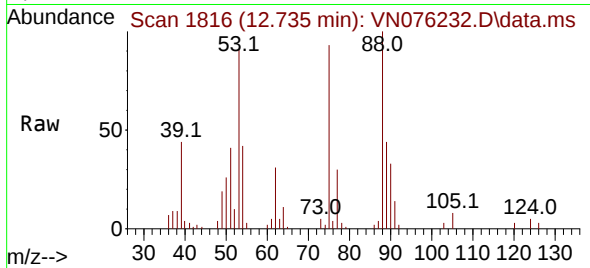
#81
trans-1,4-Dichloro-2-butene
Concen: 17.964 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion: 75 Resp: 2335
Ion Ratio Lower Upper
75 100
53 115.0 73.8 110.6
89 45.9 39.5 59.3

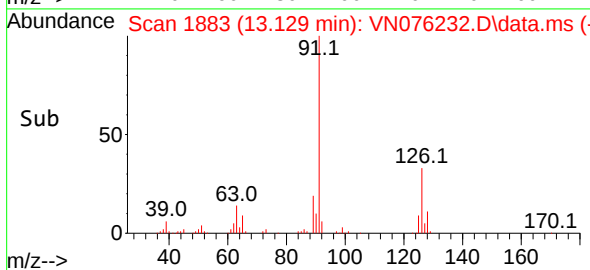
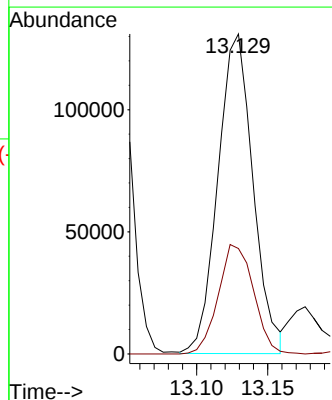
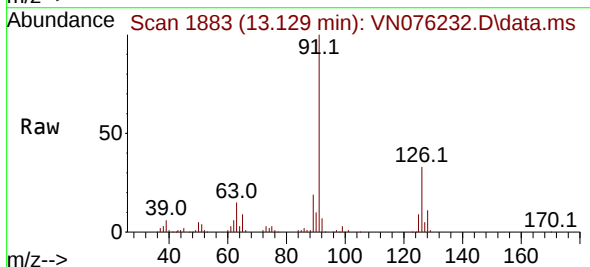
Manual Integrations
APPROVED

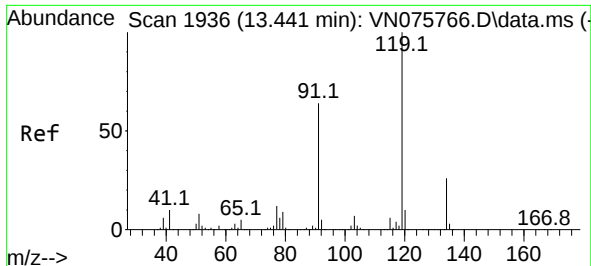
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#82
4-Chlorotoluene
Concen: 19.479 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion: 91 Resp: 225015
Ion Ratio Lower Upper
91 100
126 34.4 17.5 52.5





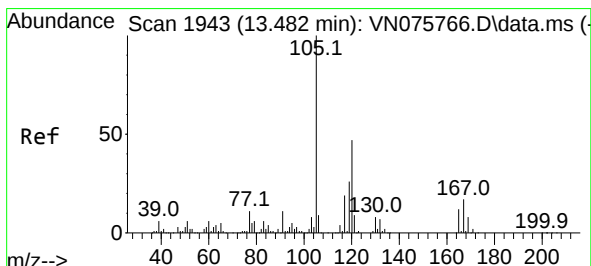
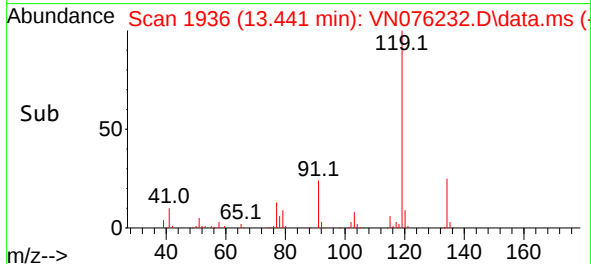
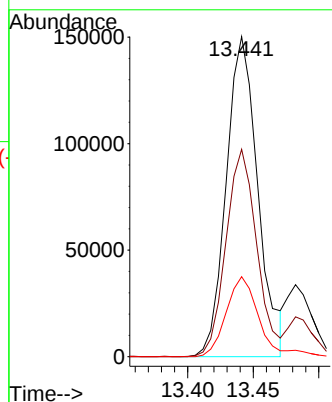
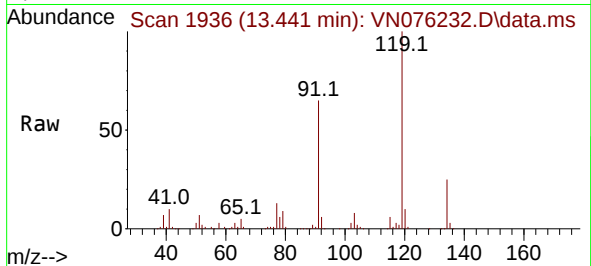
#83
tert-Butylbenzene
Concen: 20.346 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02

Tgt Ion:119 Resp: 251904
Ion Ratio Lower Upper
119 100
91 63.3 31.9 95.5
134 26.0 13.8 41.4

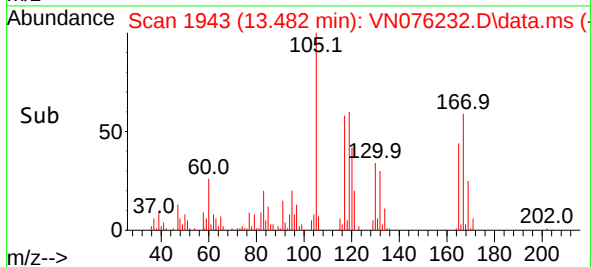
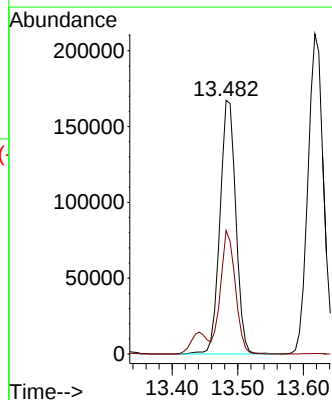
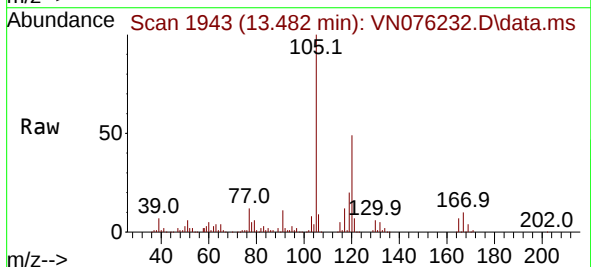
Manual Integrations
APPROVED

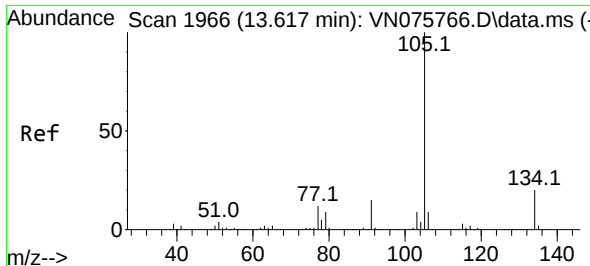
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.081 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

Tgt Ion:105 Resp: 279741
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





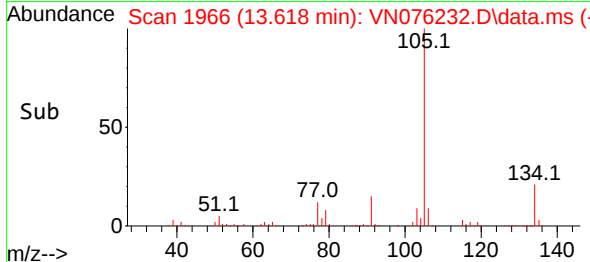
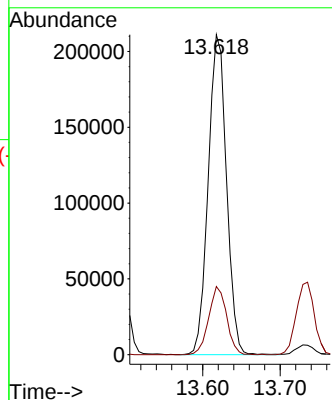
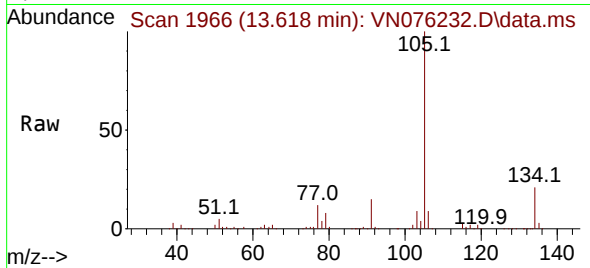
#85
 sec-Butylbenzene
 Concen: 20.228 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBS02

Tgt Ion:105 Resp: 34565
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

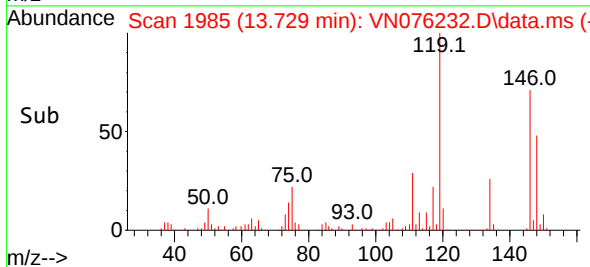
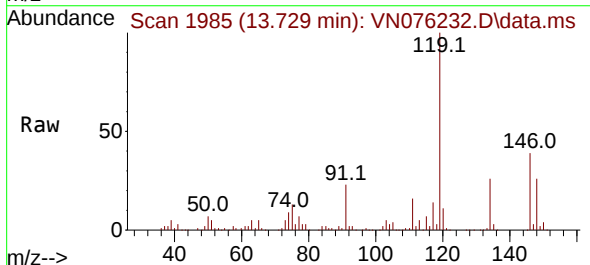
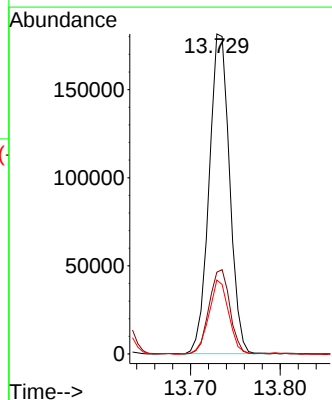
Manual Integrations
 APPROVED

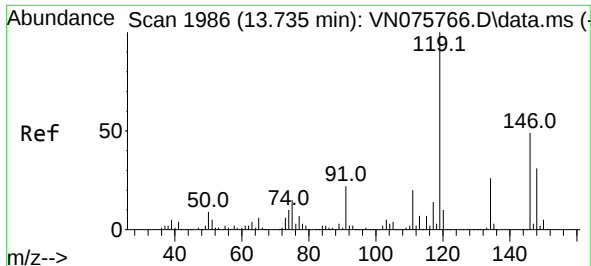
Reviewed By :John Carlone 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023



#86
 p-Isopropyltoluene
 Concen: 20.207 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076232.D
 Acq: 12 Jan 2023 15:51

Tgt Ion:119 Resp: 287327
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 22.5 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.095 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion:146 Resp: 14192

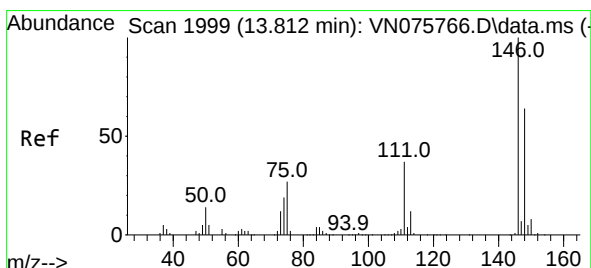
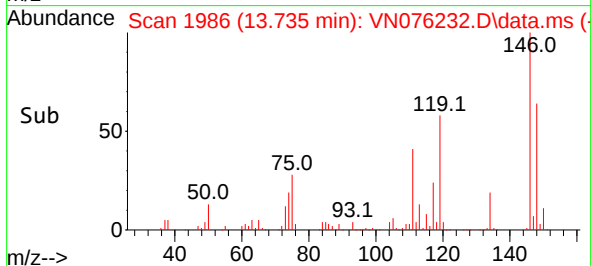
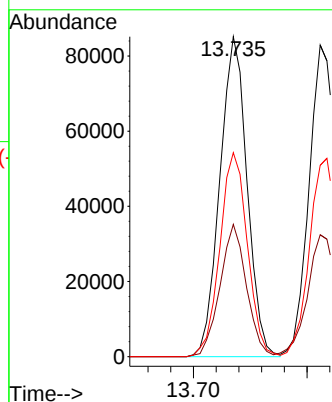
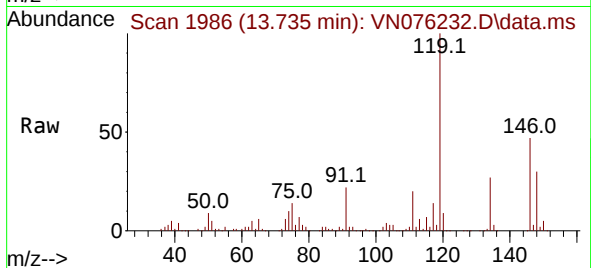
Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.7	59.0
148	64.4	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#88

1,4-Dichlorobenzene

Concen: 17.675 ug/l

RT: 13.812 min Scan# 1999

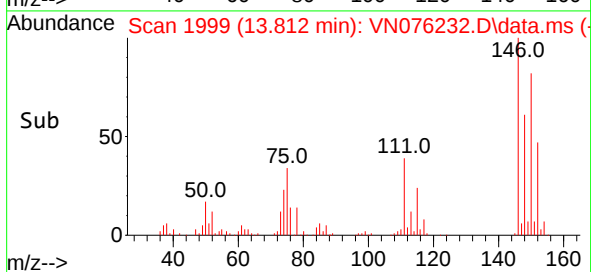
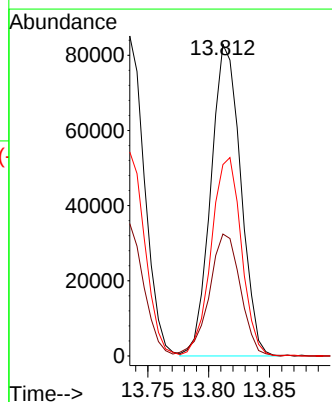
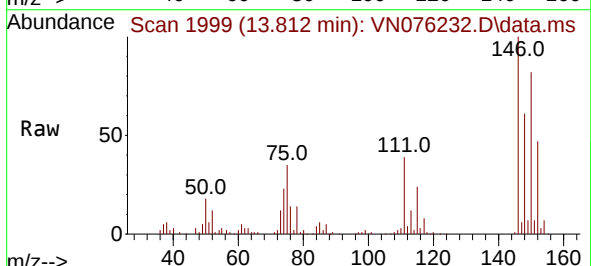
Delta R.T. 0.000 min

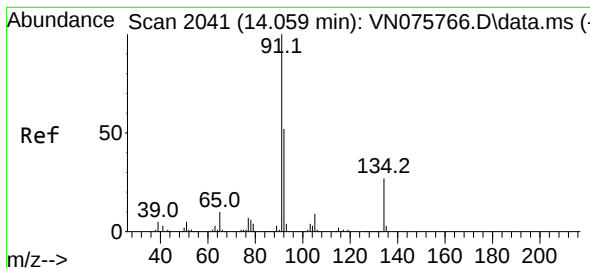
Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Tgt Ion:146 Resp: 141625

Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.1	57.1
148	64.2	32.0	96.2





#89

n-Butylbenzene

Concen: 18.860 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion: 91 Resp: 21725

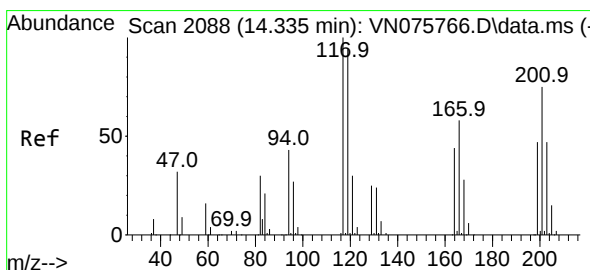
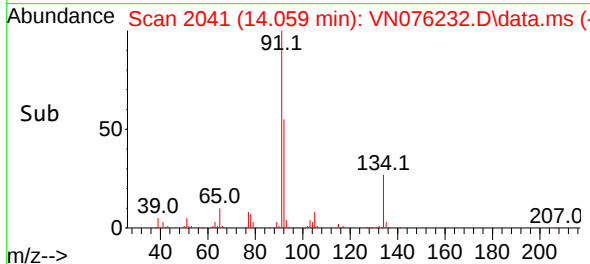
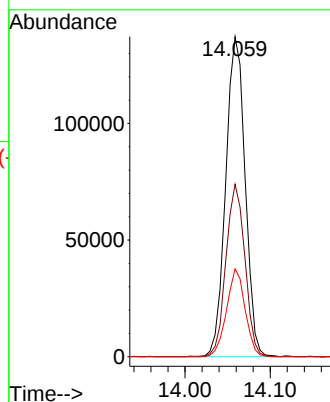
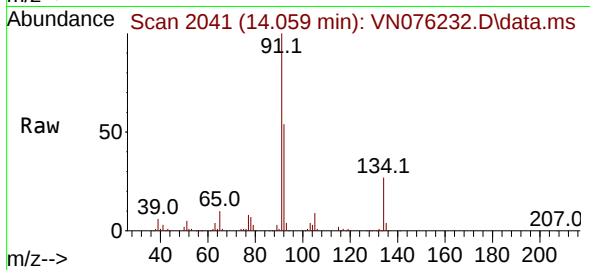
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.2
134	26.2	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#90

Hexachloroethane

Concen: 18.500 ug/l

RT: 14.341 min Scan# 2089

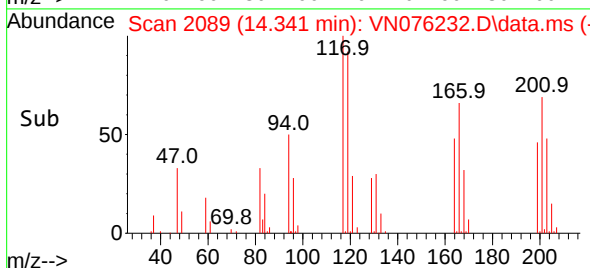
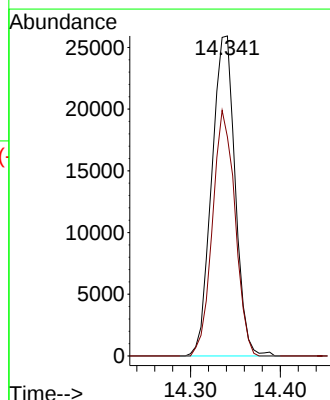
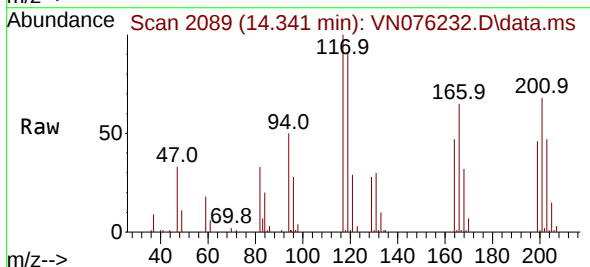
Delta R.T. 0.006 min

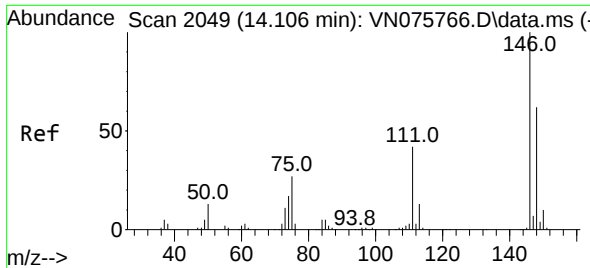
Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Tgt Ion:117 Resp: 47054

Ion	Ratio	Lower	Upper
117	100		
201	73.8	38.0	114.1





#91

1,2-Dichlorobenzene

Concen: 18.912 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. 0.000 min

Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBS02

Tgt Ion:146 Resp: 14611

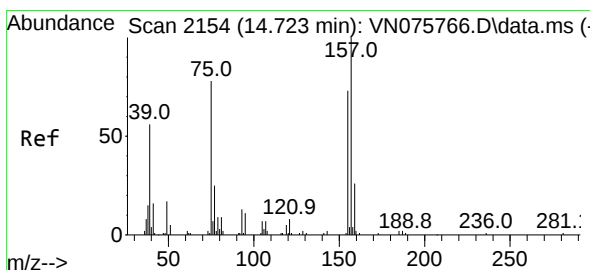
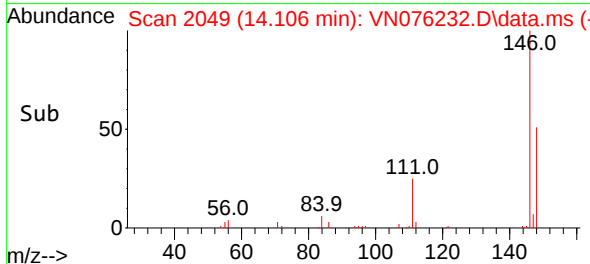
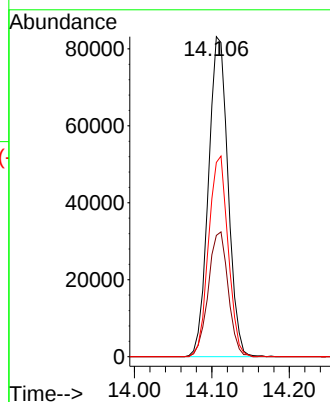
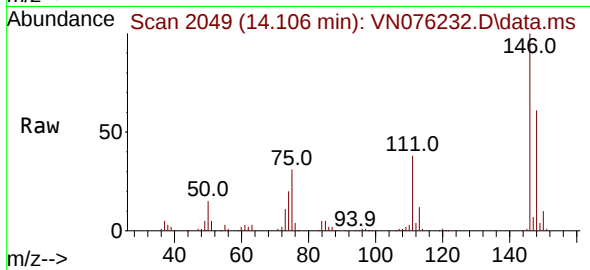
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	61.0
148	62.3	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.005 ug/l

RT: 14.723 min Scan# 2154

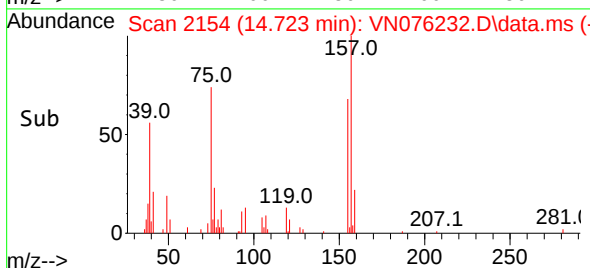
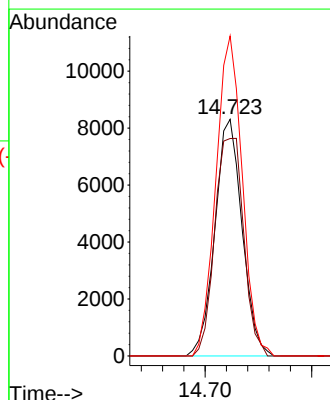
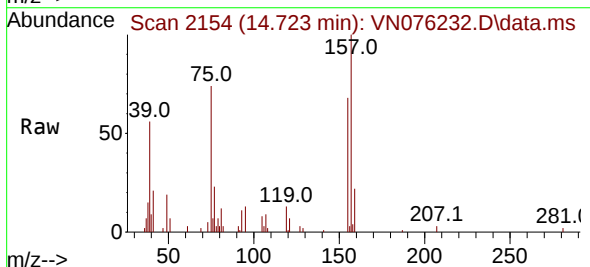
Delta R.T. 0.000 min

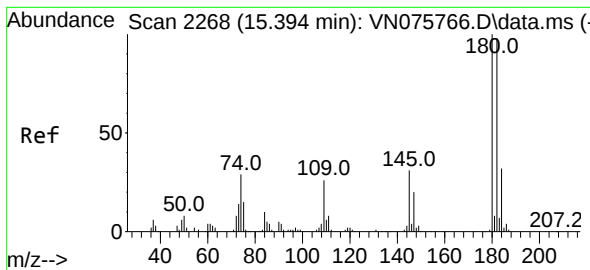
Lab File: VN076232.D

Acq: 12 Jan 2023 15:51

Tgt Ion: 75 Resp: 14730

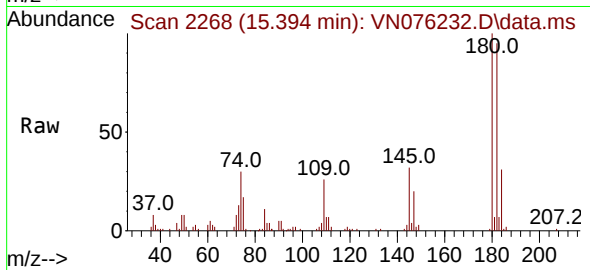
Ion	Ratio	Lower	Upper
75	100		
155	97.6	49.3	147.8
157	130.8	63.7	191.3





#93
1,2,4-Trichlorobenzene
Concen: 18.296 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

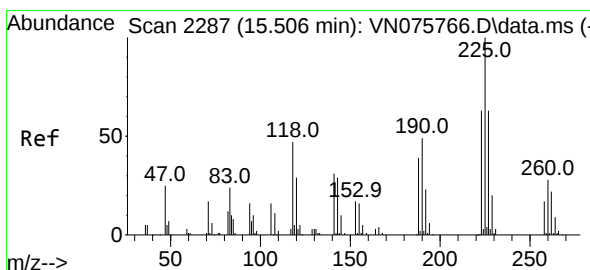
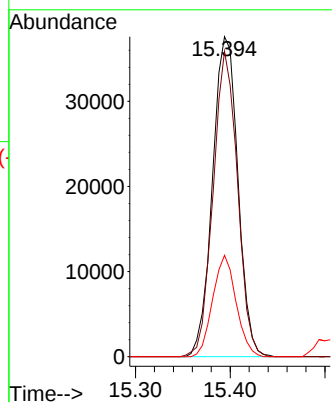
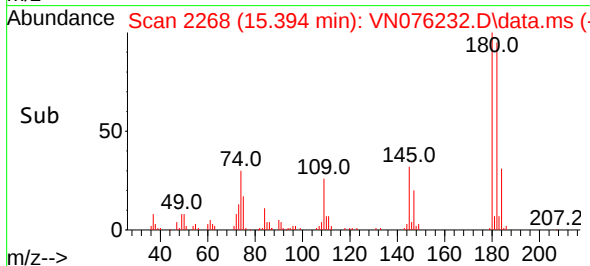
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



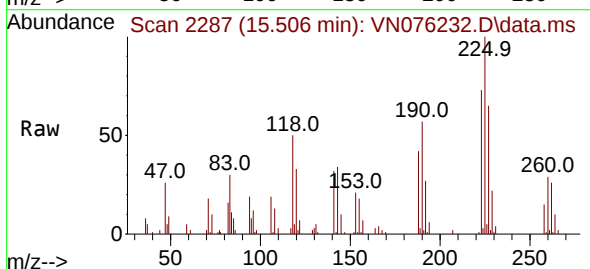
Tgt Ion:180 Resp: 69978
Ion Ratio Lower Upper
180 100
182 91.4 47.5 142.5
145 29.2 15.3 45.8

Manual Integrations
APPROVED

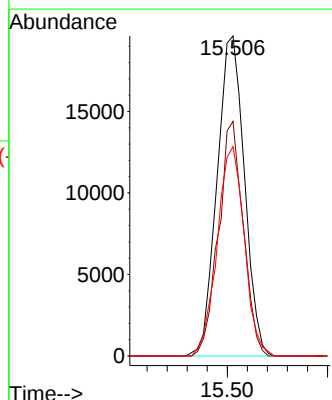
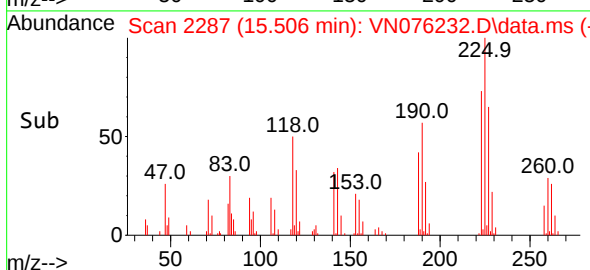
Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

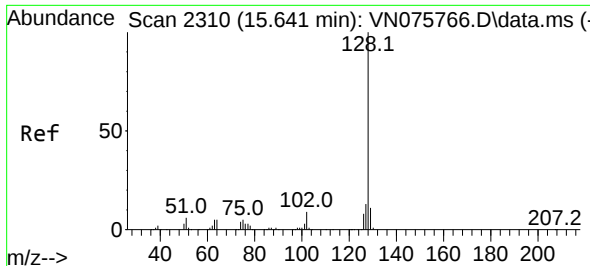


#94
Hexachlorobutadiene
Concen: 17.795 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



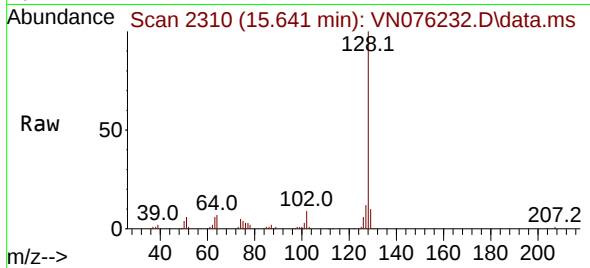
Tgt Ion:225 Resp: 37135
Ion Ratio Lower Upper
225 100
223 66.5 31.5 94.5
227 64.9 31.6 95.0





#95
Naphthalene
Concen: 17.753 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51

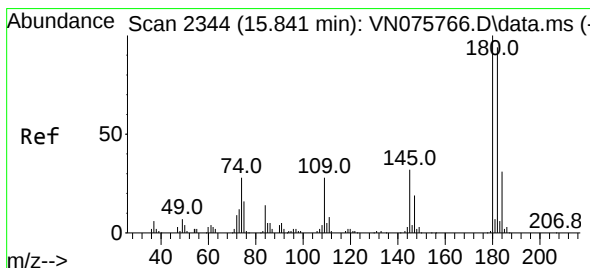
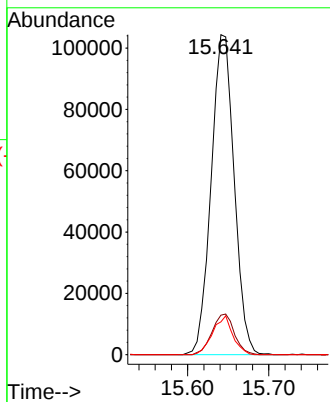
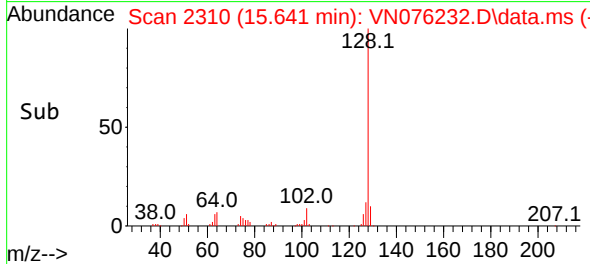
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBS02



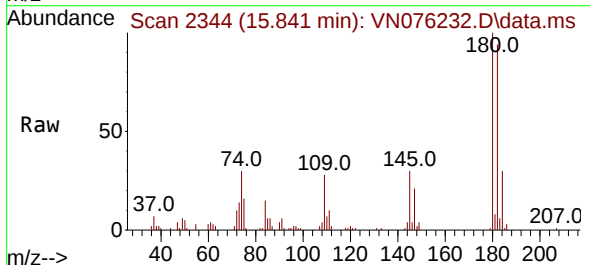
Tgt Ion:128 Resp: 205769
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.977 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076232.D
Acq: 12 Jan 2023 15:51



Tgt Ion:180 Resp: 67840
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 32.5 16.0 47.9

