

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076318.D
 Acq On : 19 Jan 2023 13:19
 Operator : JC\MD
 Sample : 01221-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-10-0118

Quant Time: Jan 20 00:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	420448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	651575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	570608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	272553	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	215659	45.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.620%
35) Dibromofluoromethane	8.177	113	193558	47.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	10.571	98	758427	50.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.853	95	253484	51.584	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	80650	128.080	ug/l	100
13) Acrolein	4.147	56	742	0.985	ug/l	# 1
14) Allyl chloride	4.965	41	3914	0.834	ug/l	# 23
15) Acrylonitrile	5.812	53	14684	8.195	ug/l	# 31
16) Acetone	4.442	43	465625	308.553	ug/l	99
18) Methyl Acetate	5.294	43	26008	5.085	ug/l	# 46
19) Methyl tert-butyl Ether	5.806	73	1149160	87.653	ug/l	93
20) Methylene Chloride	5.300	84	654	Below Cal	#	44
25) 2-Butanone	7.494	43	66846	29.001	ug/l	96
29) Tetrahydrofuran	7.859	42	992	0.697	ug/l	# 67
30) Chloroform	7.941	83	6750	0.827	ug/l	# 18
31) Cyclohexane	8.271	56	129326	17.883	ug/l	94
36) 1,1-Dichloropropene	8.230	75	30031	5.185	ug/l	# 50
37) Ethyl Acetate	7.494	43	66846	14.415	ug/l	# 67
38) Carbon Tetrachloride	8.230	117	41655	6.449	ug/l	# 16
39) Methylcyclohexane	9.606	83	111523	15.768	ug/l	97
40) Benzene	8.612	78	92102	5.318	ug/l	96
41) Methacrylonitrile	7.841	41	3109	1.278	ug/l	# 34
42) 1,2-Dichloroethane	8.677	62	2827	0.477	ug/l	# 73
43) Isopropyl Acetate	8.712	43	6320	0.836	ug/l	# 51
45) 1,2-Dichloropropane	9.606	63	2439	0.588	ug/l	# 1
47) Bromodichloromethane	9.877	83	1829	0.301	ug/l	# 25
48) Methyl methacrylate	9.600	41	38102	10.650	ug/l	# 54
51) 4-Methyl-2-Pentanone	10.447	43	39569	8.919	ug/l	98
52) Toluene	10.635	92	69455	5.997	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	14399	3.253	ug/l	# 21
58) 2-Chloroethyl Vinyl ether	10.159	63	593	0.307	ug/l	# 42
59) 2-Hexanone	11.065	43	12293	3.824	ug/l	63
67) Ethyl Benzene	11.965	91	12383252	599.856	ug/l	97
68) m/p-Xylenes	12.082	106	3343067	403.857	ug/l	99
69) o-Xylene	12.400	106	395351	48.634	ug/l	100
70) Styrene	12.406	104	41115	3.168	ug/l	# 1
71) Bromoform	12.853	173	1726	0.533	ug/l	# 1
73) Isopropylbenzene	12.700	105	632608	30.003	ug/l	99
74) N-amyl acetate	12.459	43	14407	2.375	ug/l	# 46
76) 1,2,3-Trichloropropane	13.035	75	10566	1.203	ug/l	# 1

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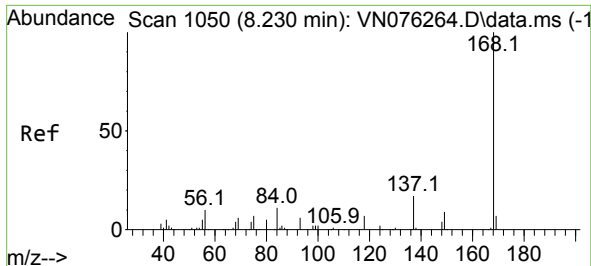
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 Response via : Initial Calibration

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

78) n-propylbenzene	13.035	91	1659284	69.745	ug/l	100
79) 2-Chlorotoluene	13.129	91	276535	18.942	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.135	105	2411154	136.501	ug/l	71
81) trans-1,4-Dichloro-2-b...	12.700	75	7244	4.422	ug/l #	59
82) 4-Chlorotoluene	13.129	91	276535	18.942	ug/l #	41
83) tert-Butylbenzene	13.488	119	1776540	113.080	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.482	105	13770734	777.472	ug/l	96
85) sec-Butylbenzene	13.482	105	13770734	631.692	ug/l #	56
86) p-Isopropyltoluene	13.729	119	62449	3.484	ug/l #	76
88) 1,4-Dichlorobenzene	13.812	146	1861	0.298	ug/l #	45
89) n-Butylbenzene	14.059	91	117737	8.274	ug/l #	76
90) Hexachloroethane	14.329	117	96251	31.110	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.700	75	7495	7.114	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.394	180	768	1.462	ug/l #	72
95) Naphthalene	15.641	128	2486799	170.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	536	1.269	ug/l #	63

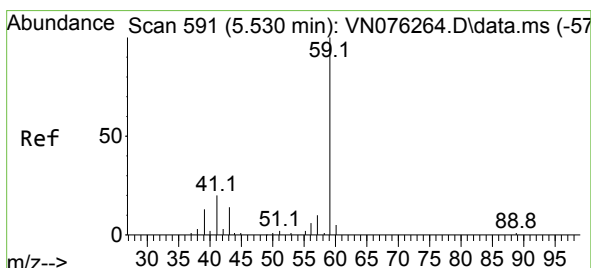
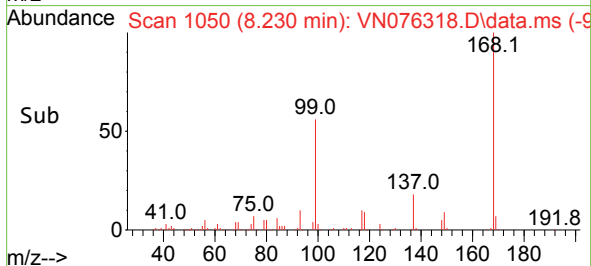
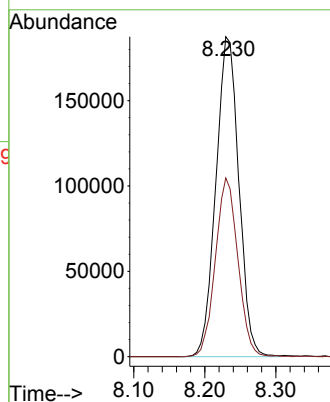
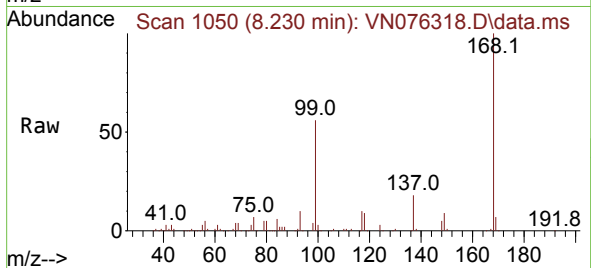
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

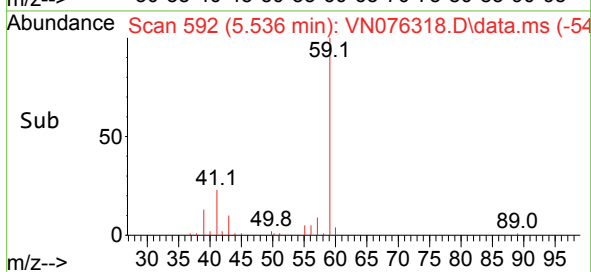
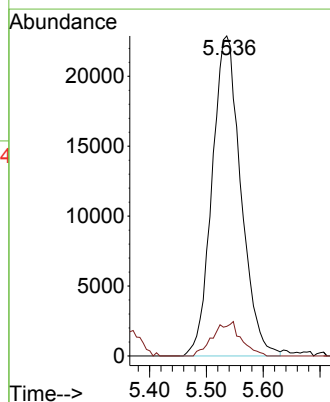
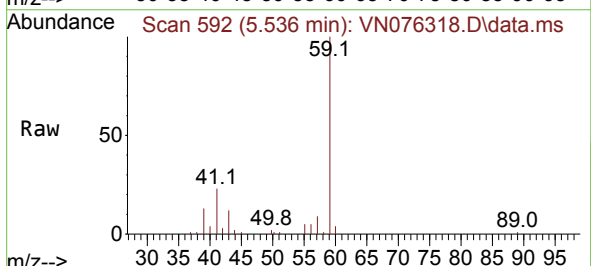
Instrument :
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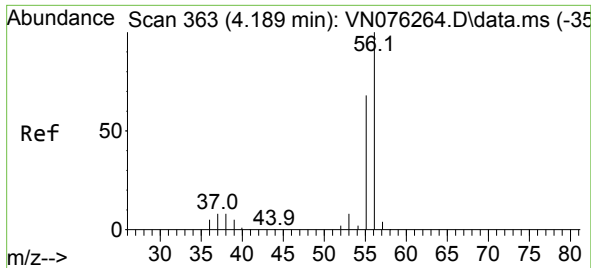
Tgt Ion:168 Resp: 420448
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#11
Tert butyl alcohol
Concen: 128.080 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 59 Resp: 80650
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7





#13

Acrolein

Concen: 0.985 ug/l

RT: 4.147 min Scan# 31

Delta R.T. -0.042 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

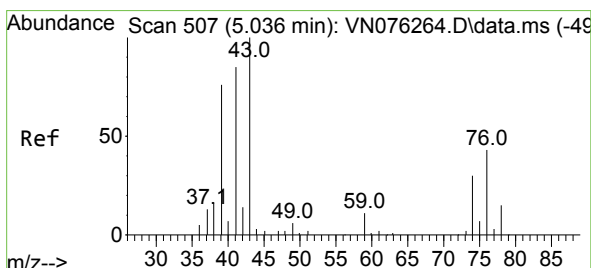
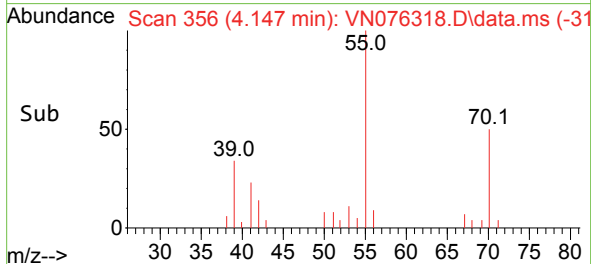
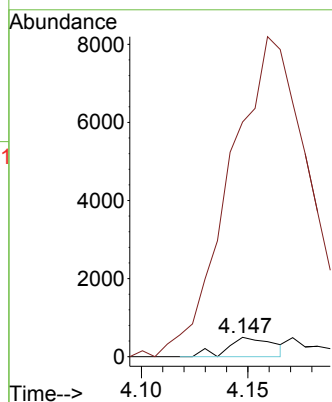
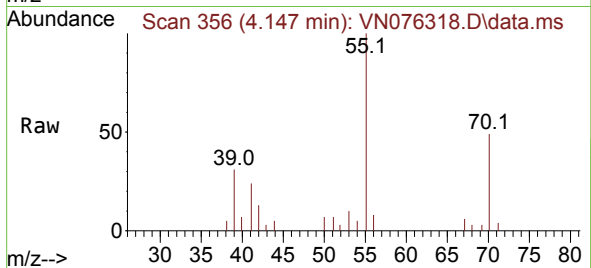
MW-10-0118

Tgt Ion: 56 Resp: 742

Ion Ratio Lower Upper

56 100

55 2943.3 55.8 83.6#



#14

Allyl chloride

Concen: 0.834 ug/l

RT: 4.965 min Scan# 495

Delta R.T. -0.071 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

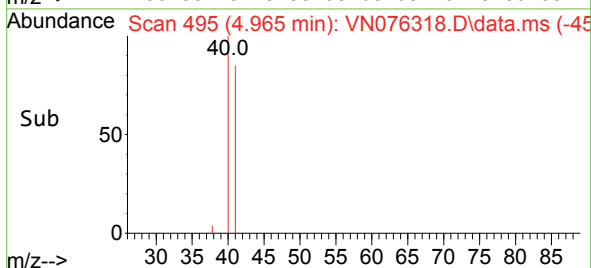
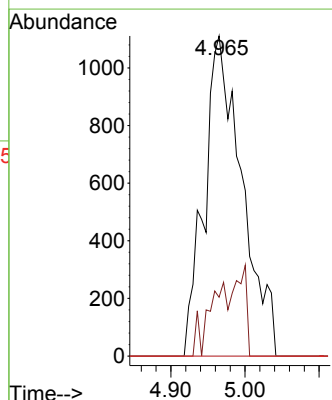
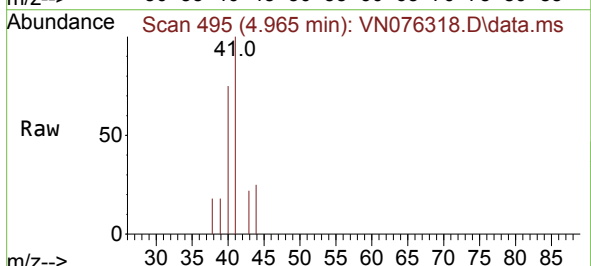
Tgt Ion: 41 Resp: 3914

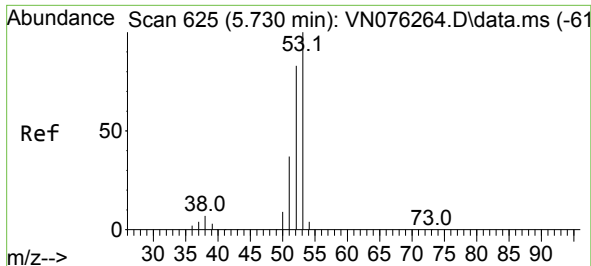
Ion Ratio Lower Upper

41 100

39 11.9 67.4 101.0#

76 0.0 39.8 59.8#

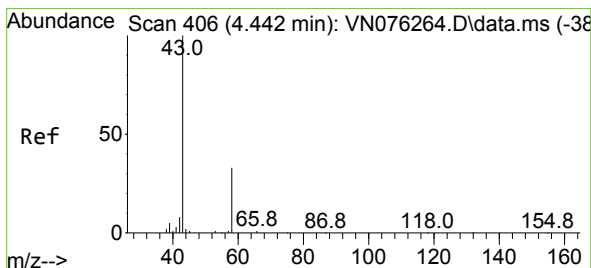
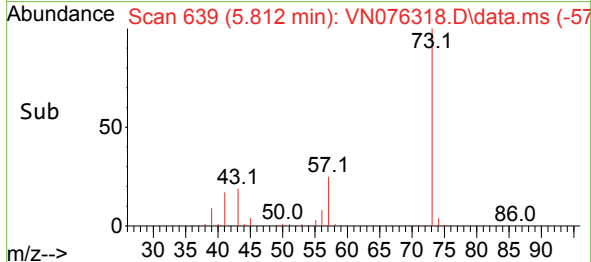
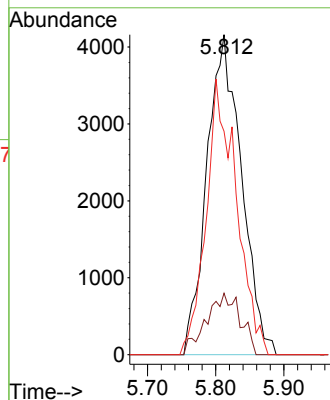
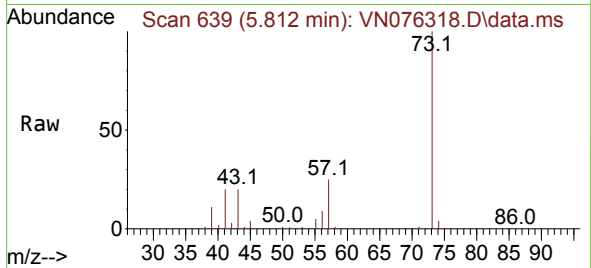




#15
Acrylonitrile
Concen: 8.195 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.082 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

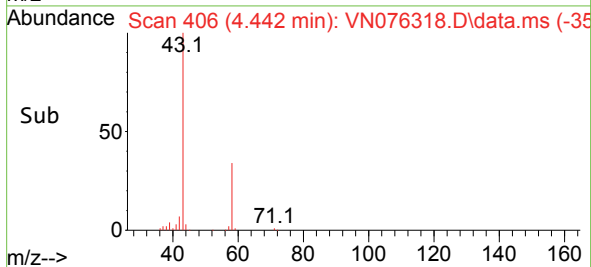
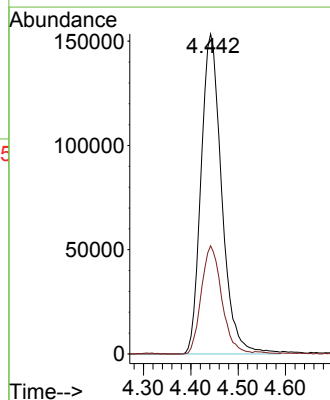
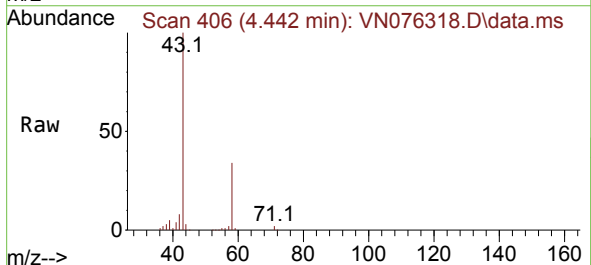
Instrument :
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MW-10-0118

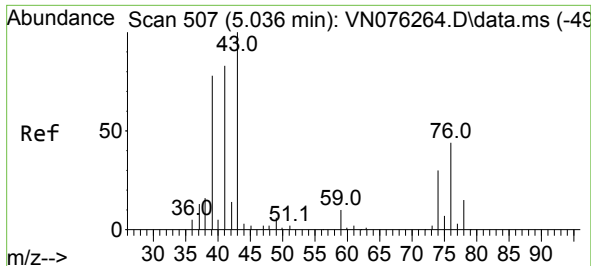
Tgt Ion: 53 Resp: 14684
Ion Ratio Lower Upper
53 100
52 18.8 64.7 97.1#
51 75.4 29.2 43.8#



#16
Acetone
Concen: 308.553 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 43 Resp: 465625
Ion Ratio Lower Upper
43 100
58 33.8 26.7 40.1

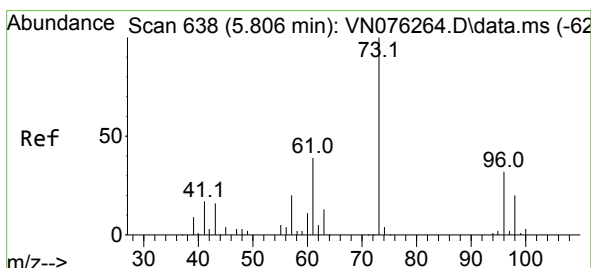
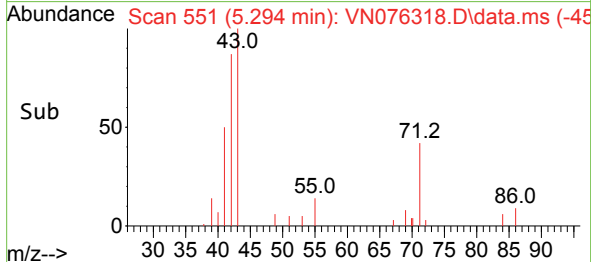
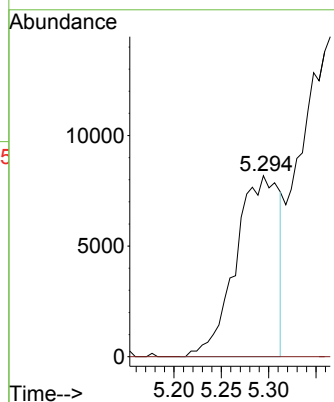
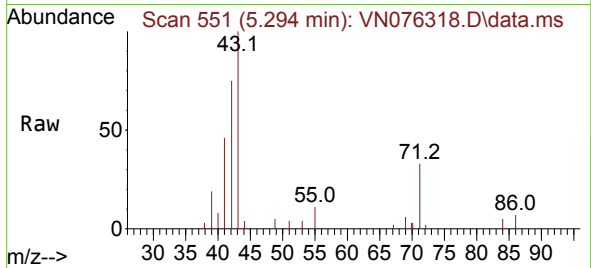




#18
Methyl Acetate
Concen: 5.085 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.258 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

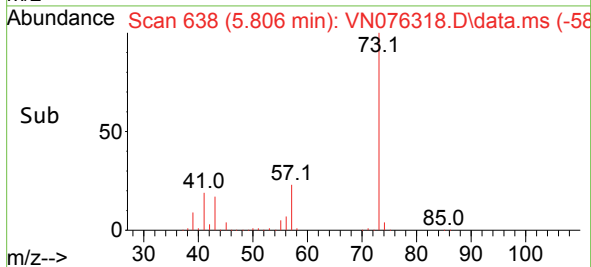
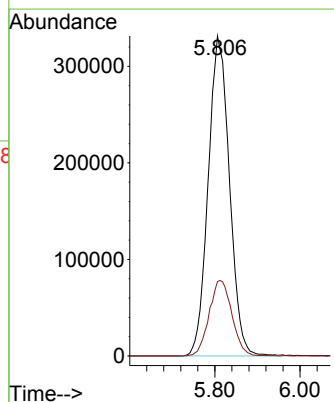
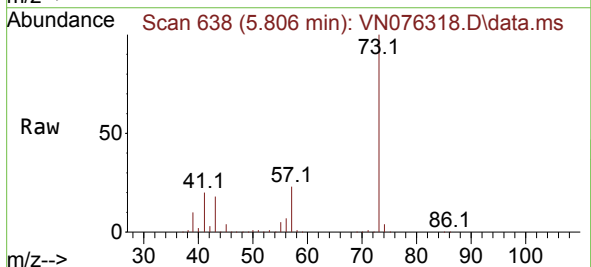
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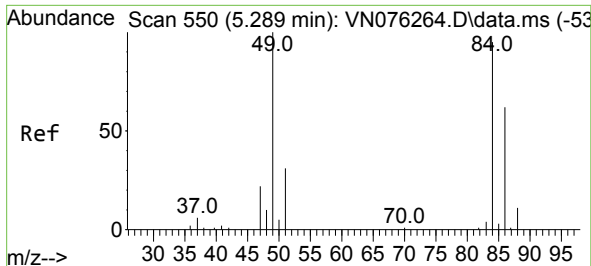
Tgt Ion: 43 Resp: 26008
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#19
Methyl tert-butyl Ether
Concen: 87.653 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 73 Resp: 1149160
Ion Ratio Lower Upper
73 100
57 23.3 15.9 23.9

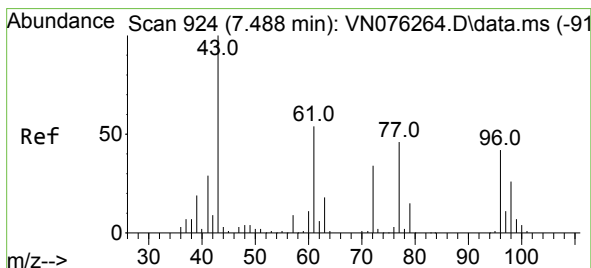
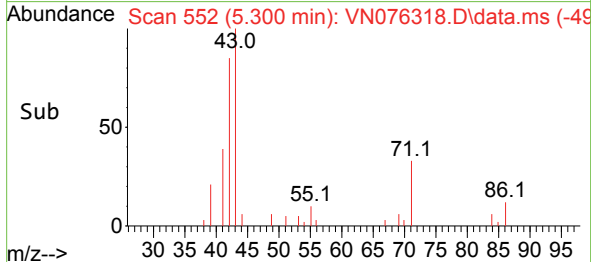
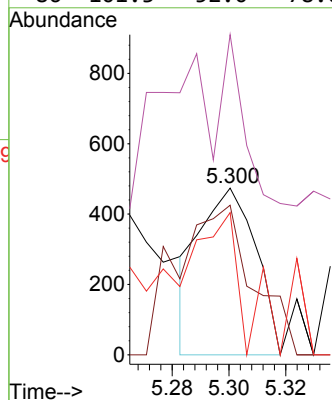
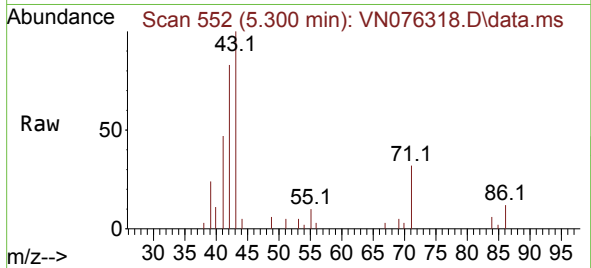




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

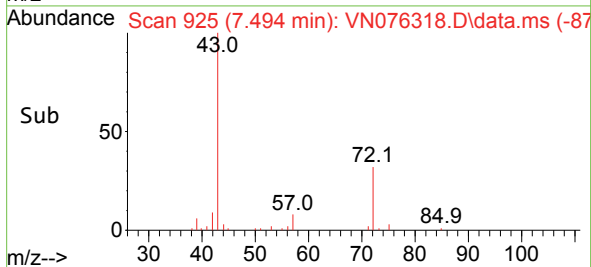
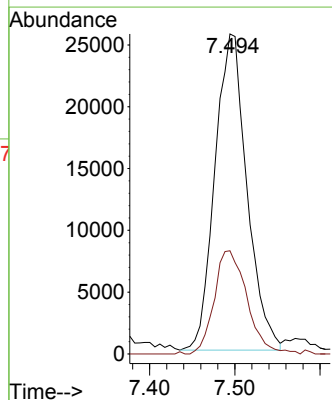
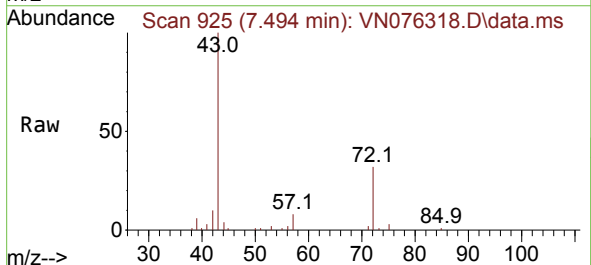
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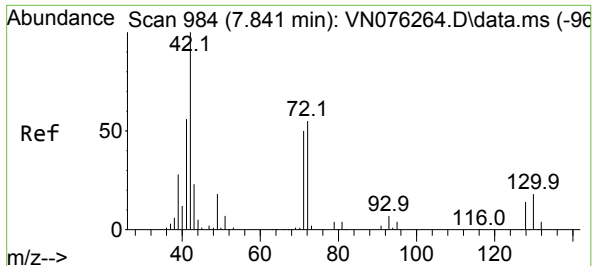
Tgt Ion: 84	Resp: 654
Ion Ratio	Lower Upper
84 100	
49 54.4	84.5 126.7#
51 85.2	26.0 39.0#
86 101.3	52.0 78.0#



#25
2-Butanone
Concen: 29.001 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 43	Resp: 66846
Ion Ratio	Lower Upper
43 100	
72 31.9	27.4 41.2





#29

Tetrahydrofuran

Concen: 0.697 ug/l

RT: 7.859 min Scan# 992

Delta R.T. 0.018 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118

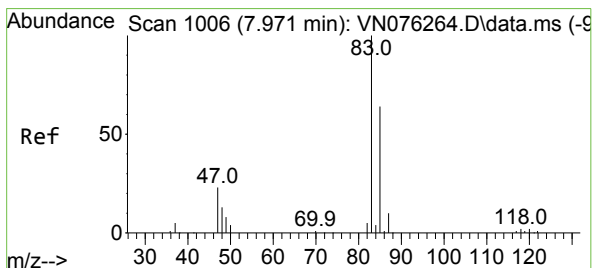
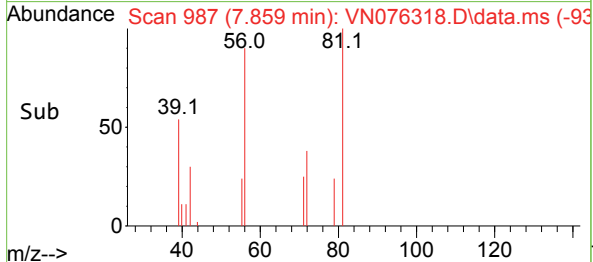
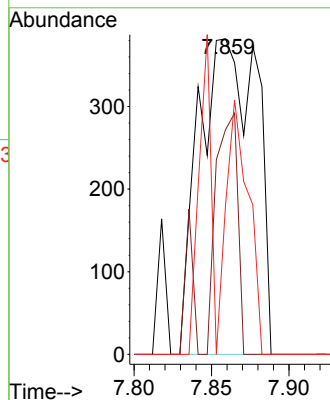
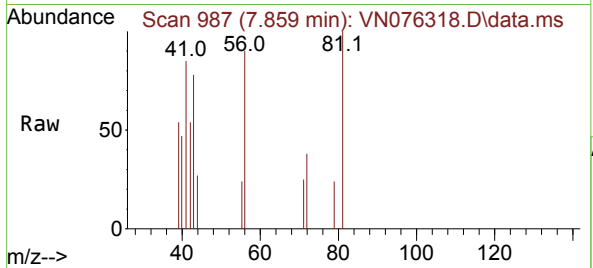
Tgt Ion: 42 Resp: 992

Ion Ratio Lower Upper

42 100

72 28.4 44.0 66.0#

71 31.3 41.1 61.7#



#30

Chloroform

Concen: 0.827 ug/l

RT: 7.941 min Scan# 1001

Delta R.T. -0.030 min

Lab File: VN076318.D

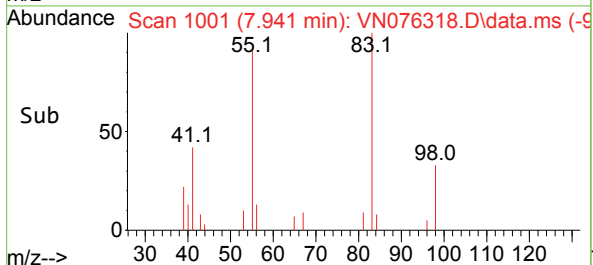
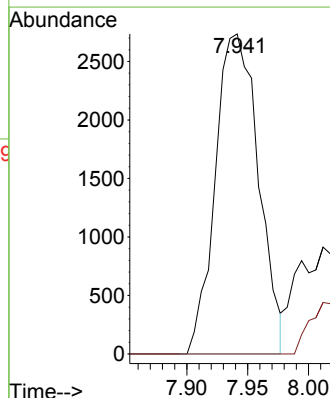
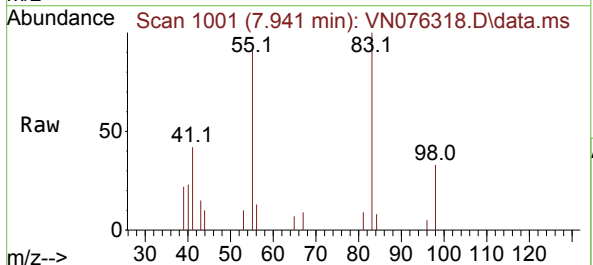
Acq: 19 Jan 2023 13:19

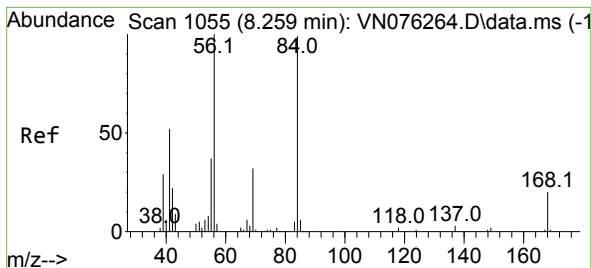
Tgt Ion: 83 Resp: 6750

Ion Ratio Lower Upper

83 100

85 0.0 51.0 76.6#





#31

Cyclohexane

Concen: 17.883 ug/l

RT: 8.271 min Scan# 1055

Delta R.T. 0.012 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118

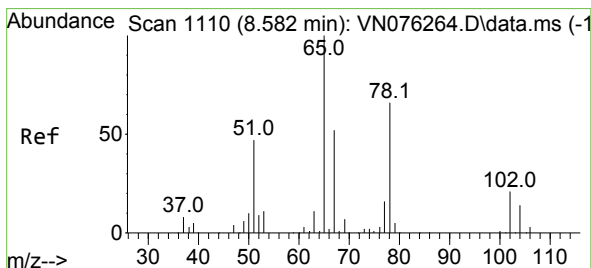
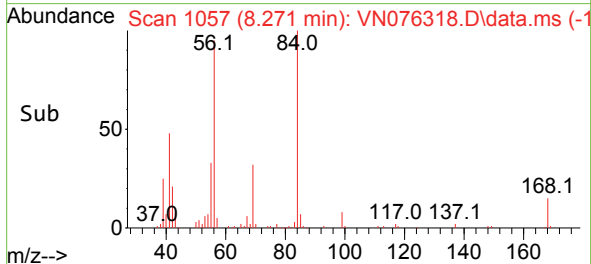
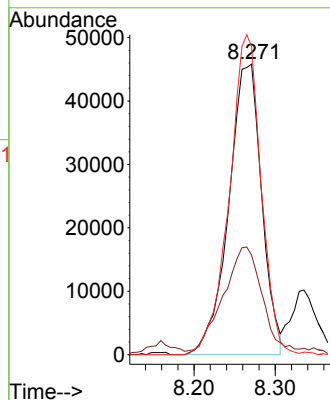
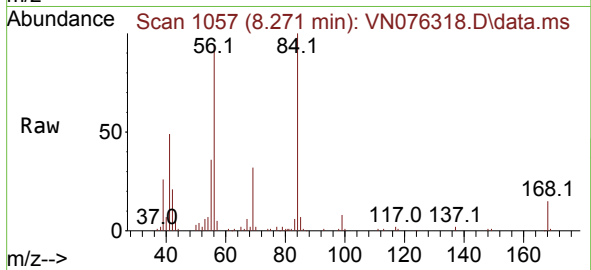
Tgt Ion: 56 Resp: 129326

Ion Ratio Lower Upper

56 100

69 32.2 25.8 38.8

84 106.1 79.0 118.4



#33

1,2-Dichloroethane-d4

Concen: 45.810 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076318.D

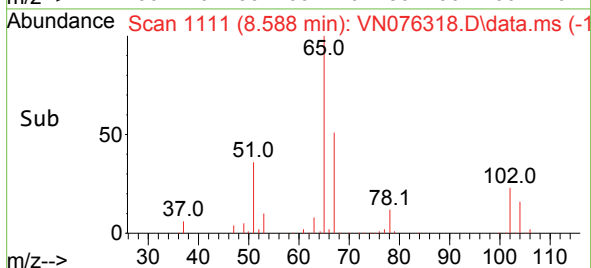
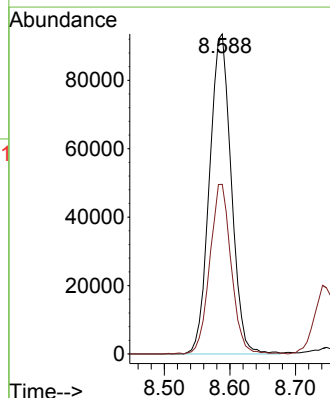
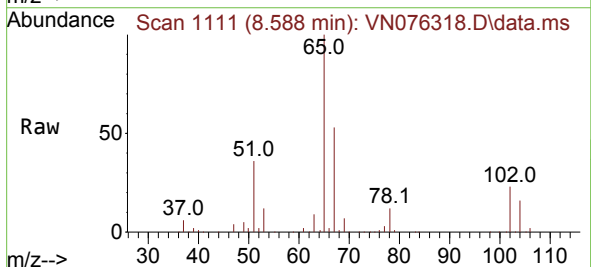
Acq: 19 Jan 2023 13:19

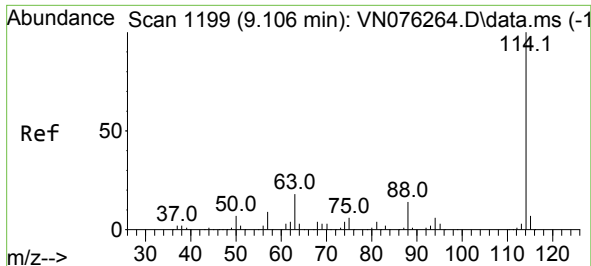
Tgt Ion: 65 Resp: 215659

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6

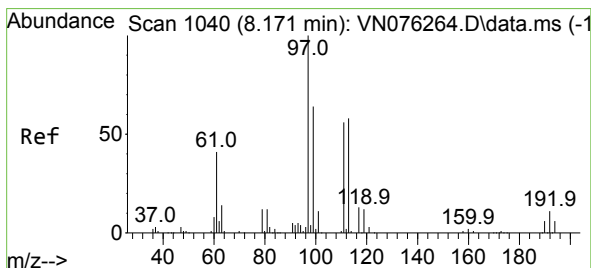
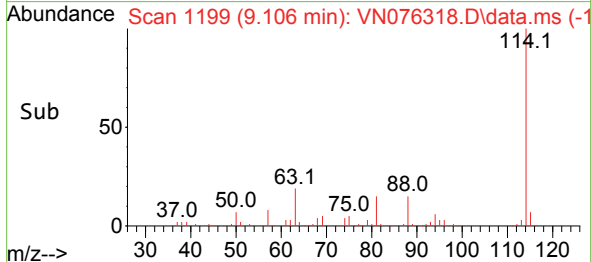
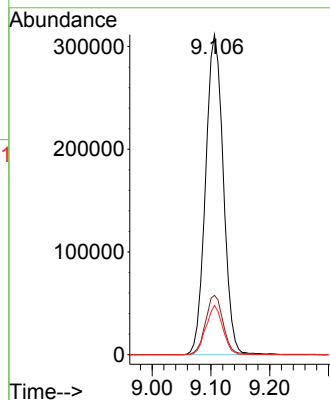
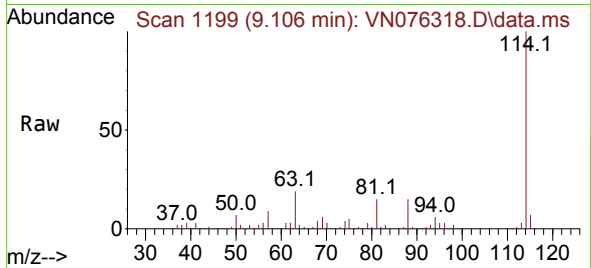




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

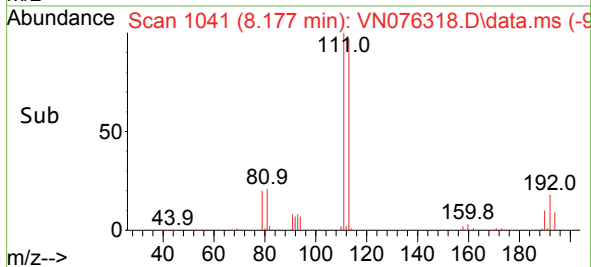
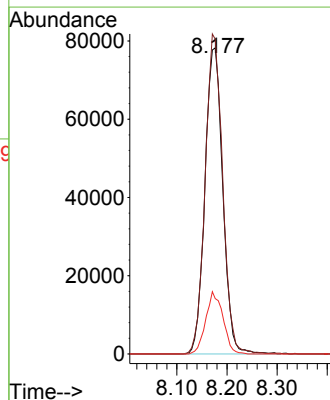
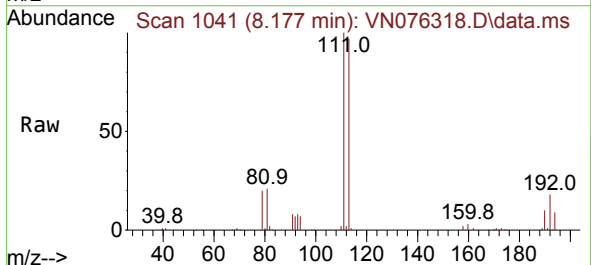
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

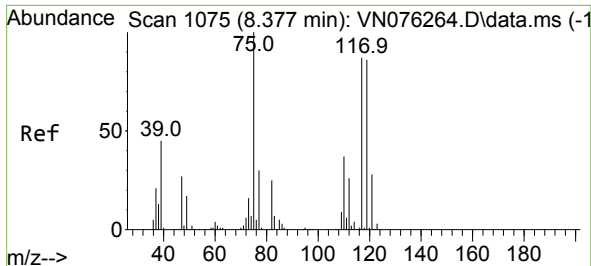
Tgt Ion:114 Resp: 651575
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.8
88 15.4 0.0 28.0



#35
Dibromofluoromethane
Concen: 47.489 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion:113 Resp: 193558
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 19.7 15.6 23.4

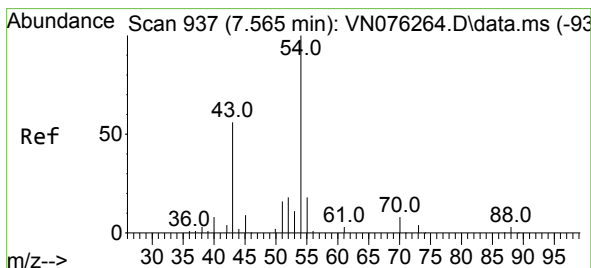
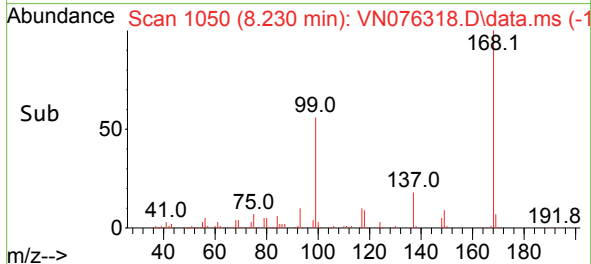
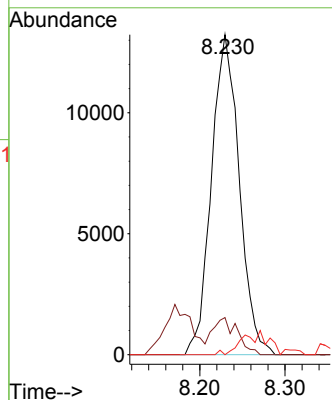
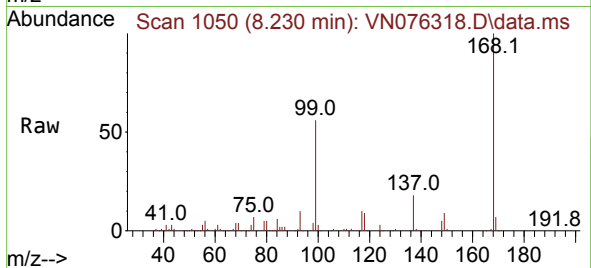




#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.147 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

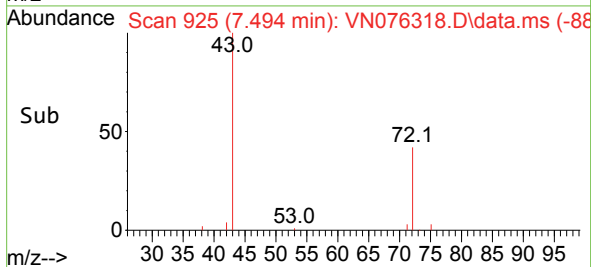
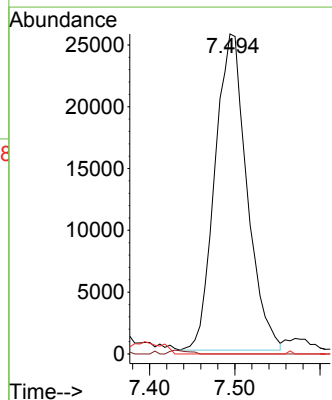
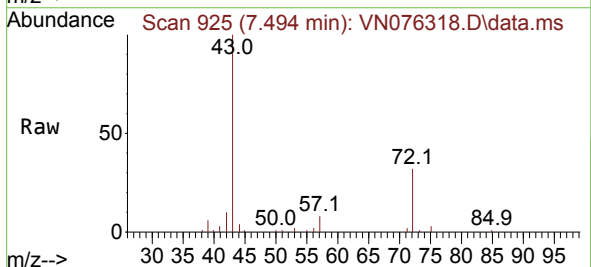
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

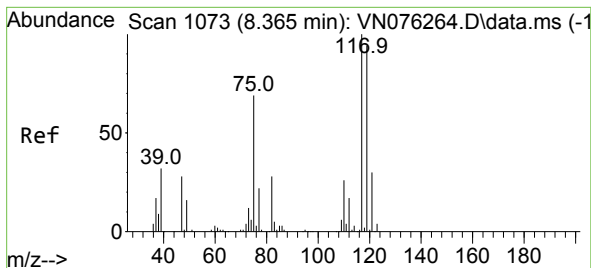
Tgt Ion: 75 Resp: 30031
Ion Ratio Lower Upper
75 100
110 10.3 18.8 56.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 14.415 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.071 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 43 Resp: 66846
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 6.449 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118

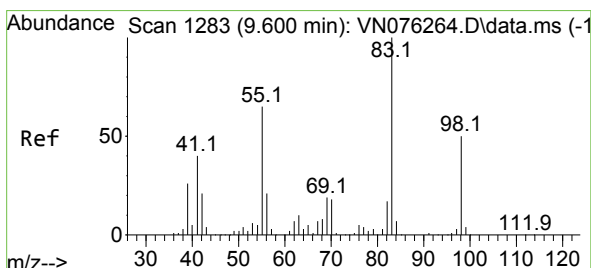
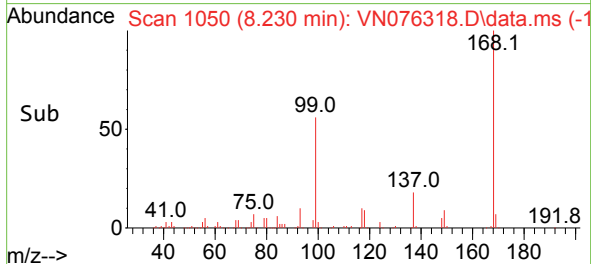
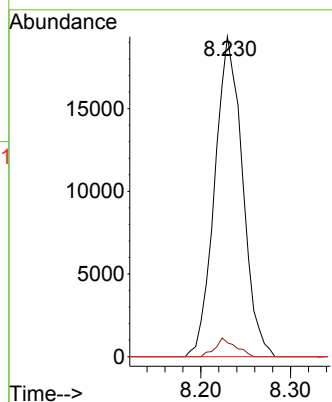
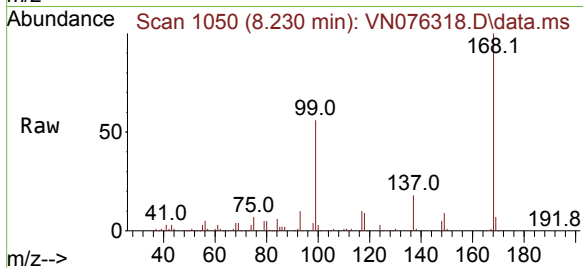
Tgt Ion:117 Resp: 41655

Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.0#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 15.768 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

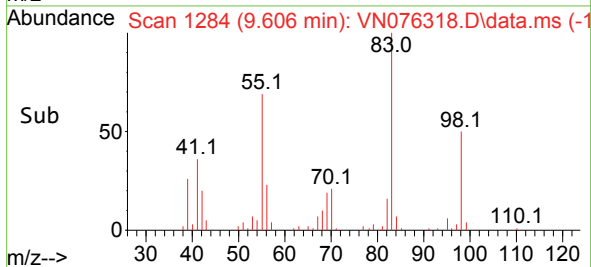
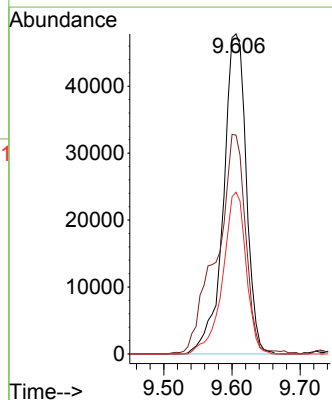
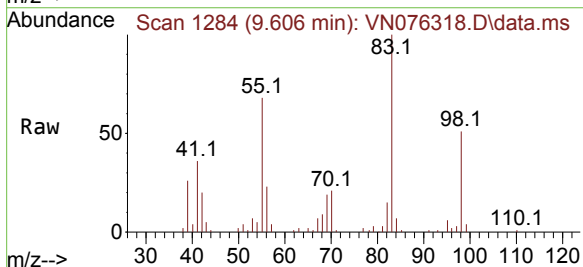
Tgt Ion: 83 Resp: 111523

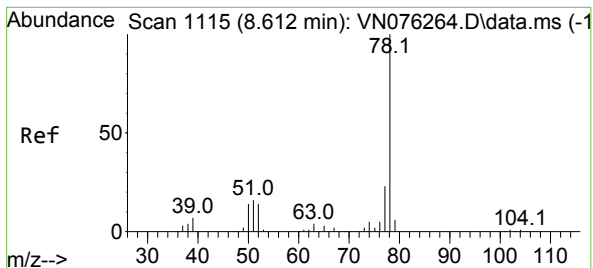
Ion Ratio Lower Upper

83 100

55 68.0 51.7 77.5

98 50.6 40.0 60.0





#40

Benzene

Concen: 5.318 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

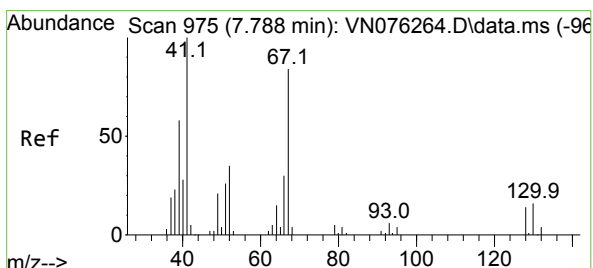
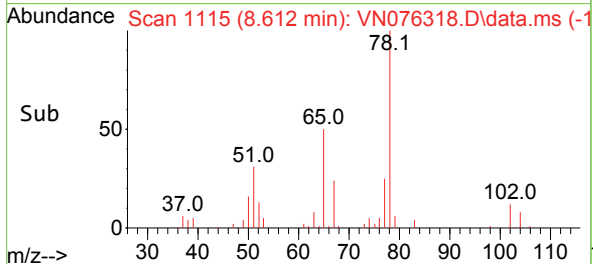
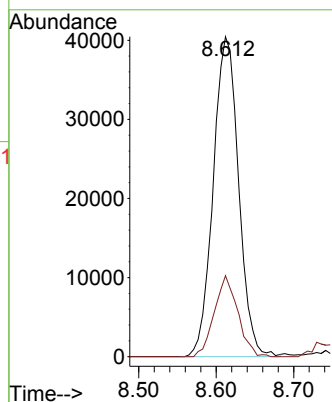
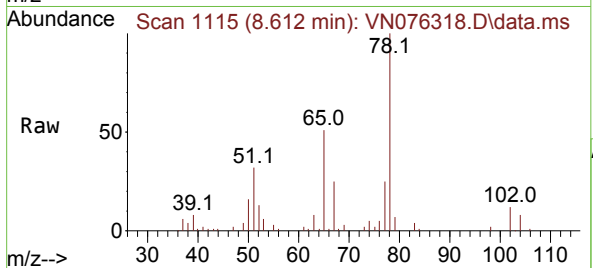
MW-10-0118

Tgt Ion: 78 Resp: 92102

Ion Ratio Lower Upper

78 100

77 25.3 18.6 28.0



#41

Methacrylonitrile

Concen: 1.278 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.053 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Tgt Ion: 41 Resp: 3109

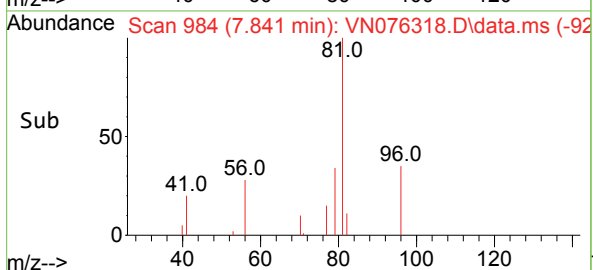
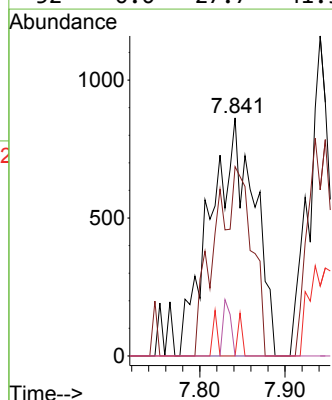
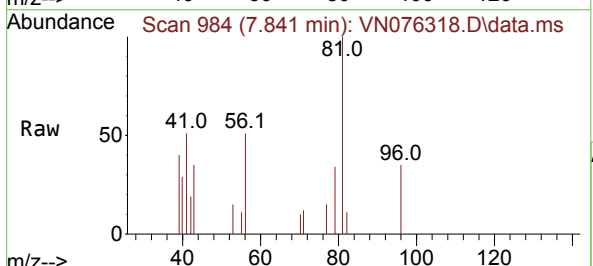
Ion Ratio Lower Upper

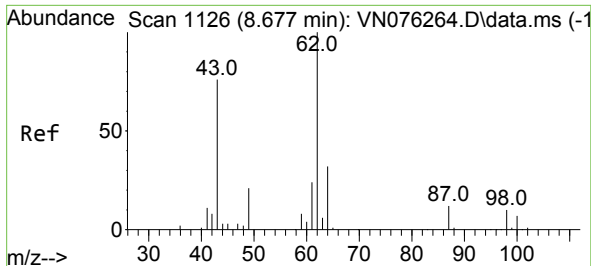
41 100

39 34.6 42.4 63.6#

67 0.0 68.8 103.2#

52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 0.477 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

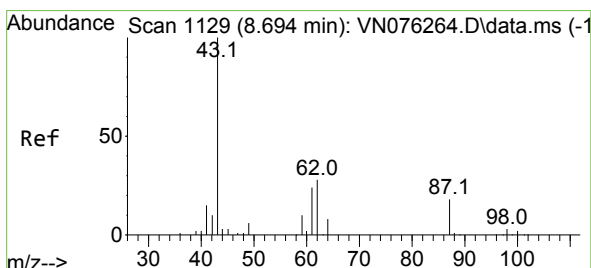
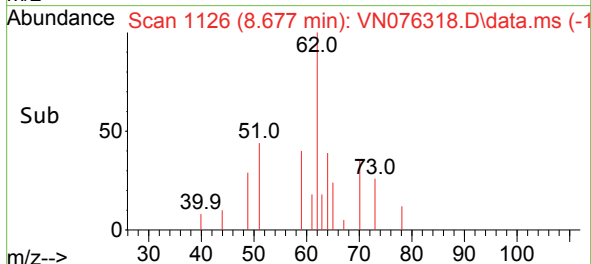
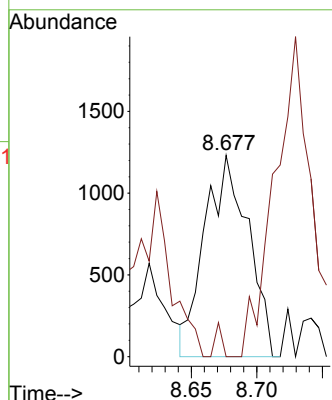
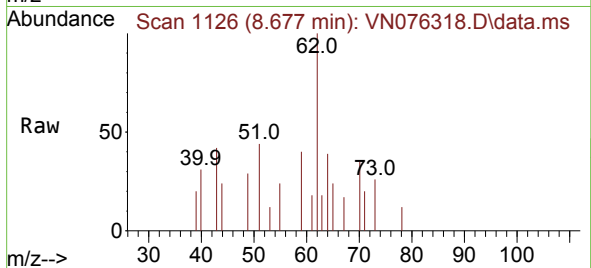
MW-10-0118

Tgt Ion: 62 Resp: 2827

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#43

Isopropyl Acetate

Concen: 0.836 ug/l

RT: 8.712 min Scan# 1132

Delta R.T. 0.018 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

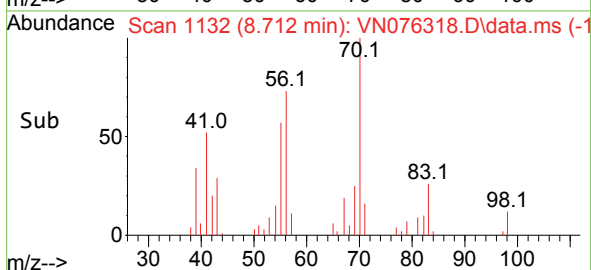
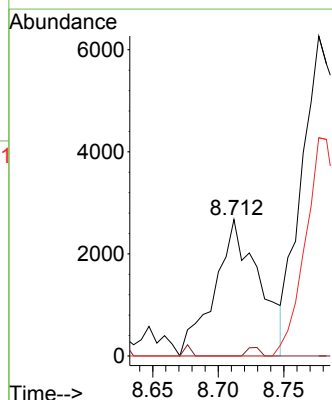
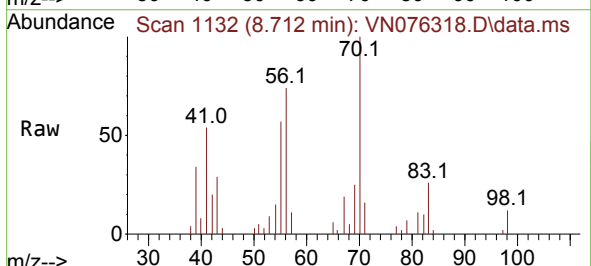
Tgt Ion: 43 Resp: 6320

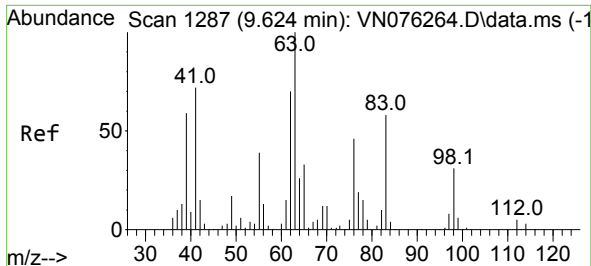
Ion Ratio Lower Upper

43 100

61 0.0 23.5 35.3#

87 0.0 13.8 20.6#





#45

1,2-Dichloropropane

Concen: 0.588 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

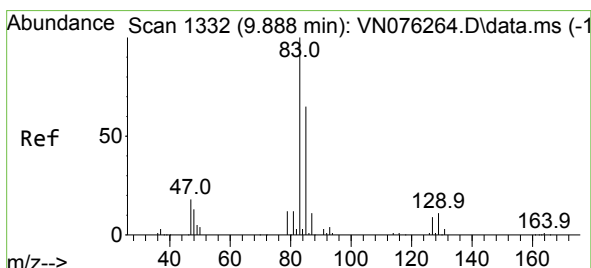
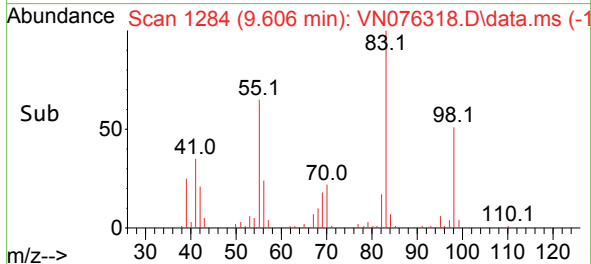
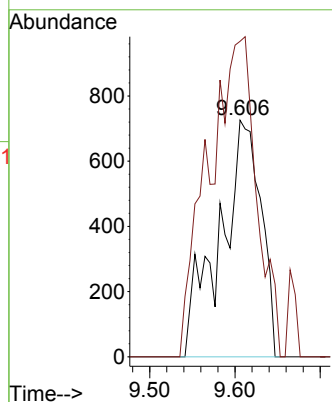
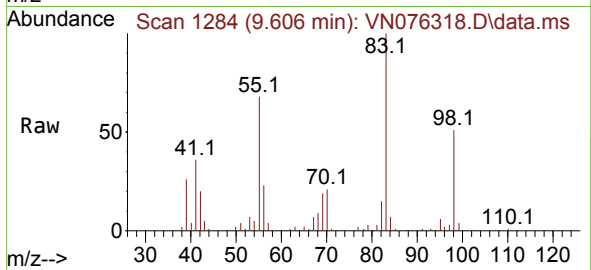
MW-10-0118

Tgt Ion: 63 Resp: 2439

Ion Ratio Lower Upper

63 100

65 133.3 26.4 39.6#



#47

Bromodichloromethane

Concen: 0.301 ug/l

RT: 9.877 min Scan# 1330

Delta R.T. -0.011 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

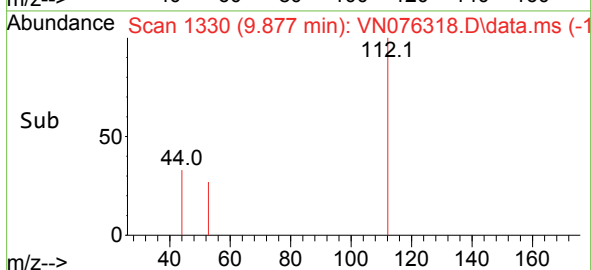
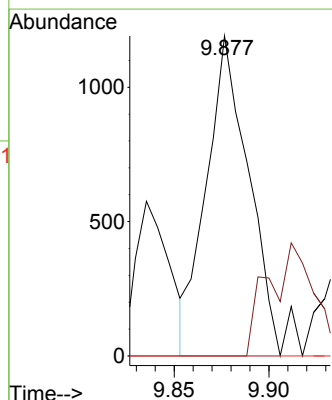
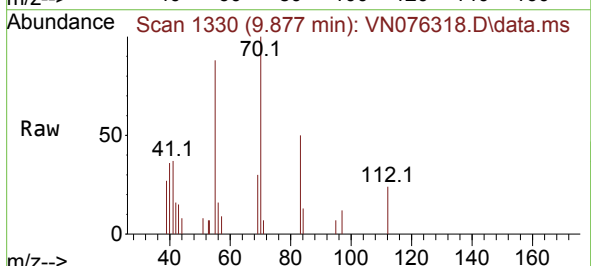
Tgt Ion: 83 Resp: 1829

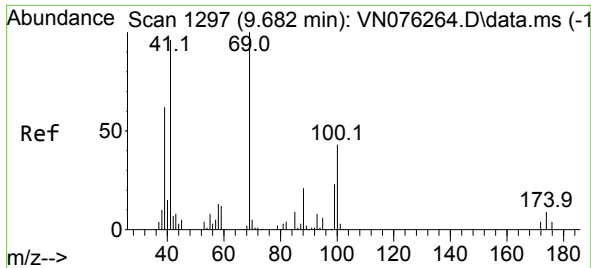
Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#

127 0.0 7.4 11.0#

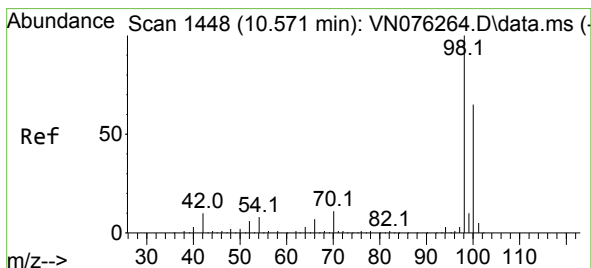
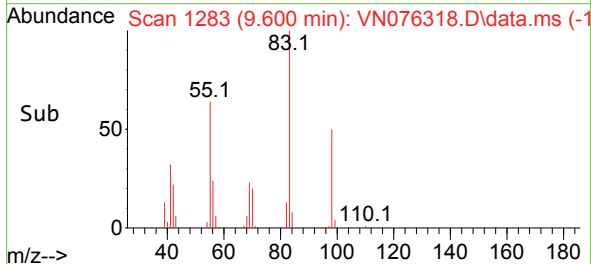
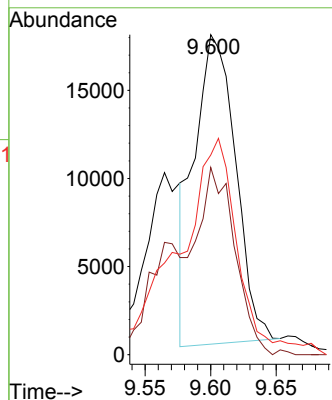
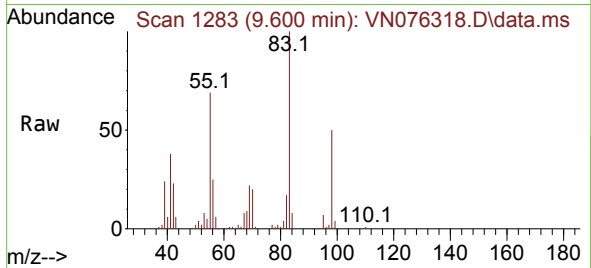




#48
Methyl methacrylate
Concen: 10.650 ug/l
RT: 9.600 min Scan# 1297
Delta R.T. -0.082 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

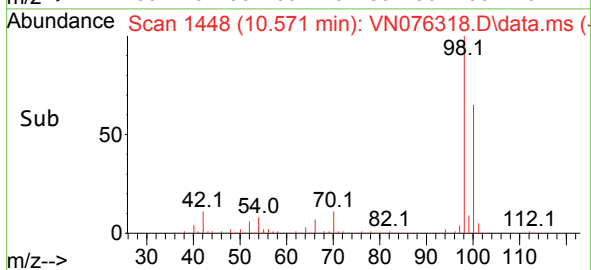
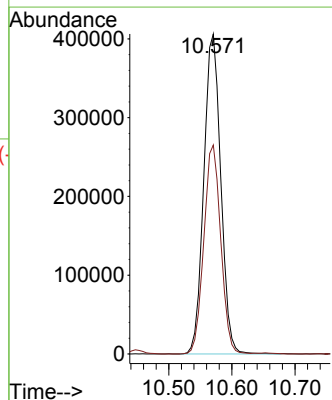
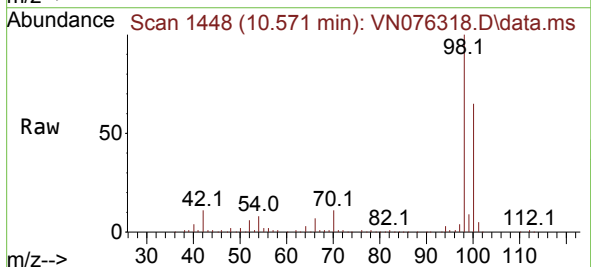
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

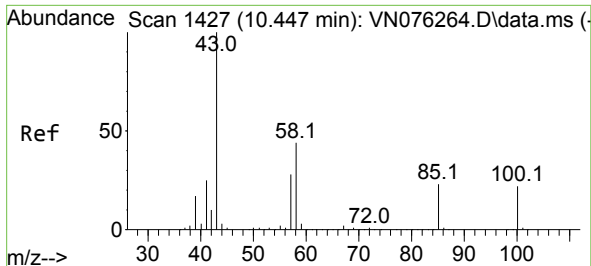
Tgt Ion: 41 Resp: 38102
Ion Ratio Lower Upper
41 100
69 53.3 80.8 121.2#
39 103.8 54.4 81.6#



#50
Toluene-d8
Concen: 50.385 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 98 Resp: 758427
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

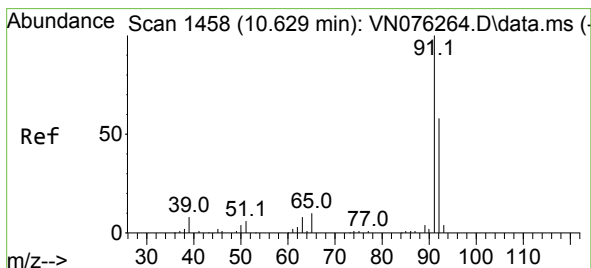
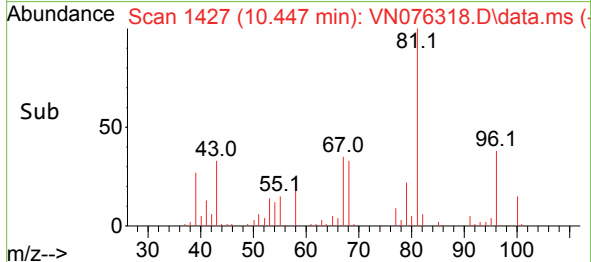
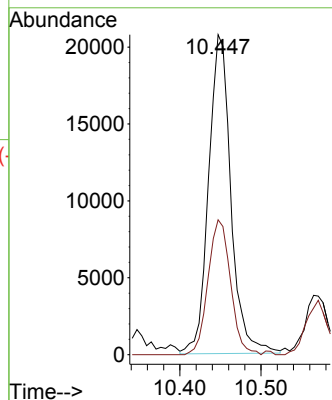
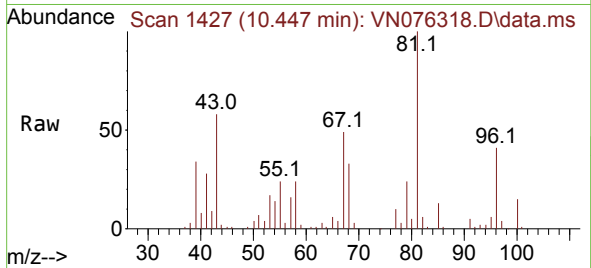




#51
4-Methyl-2-Pentanone
Concen: 8.919 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

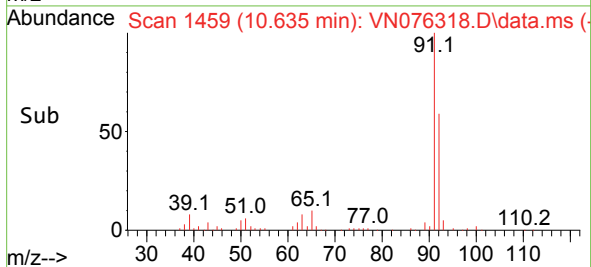
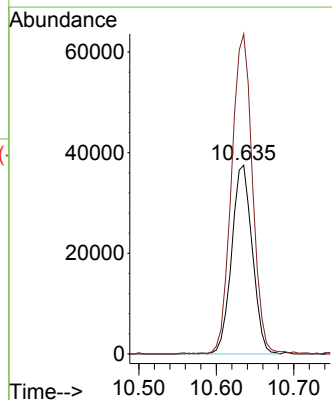
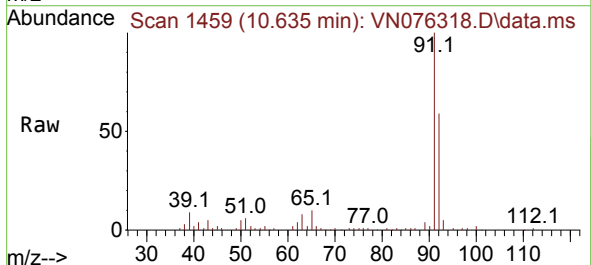
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

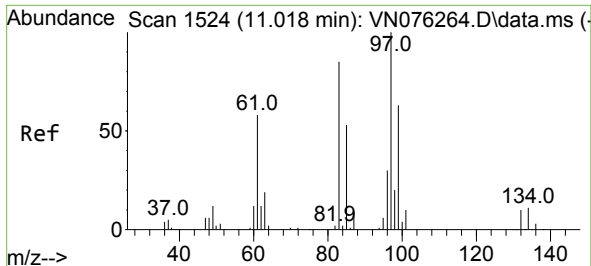
Tgt Ion: 43 Resp: 39569
Ion Ratio Lower Upper
43 100
58 42.6 35.1 52.7



#52
Toluene
Concen: 5.997 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 92 Resp: 69455
Ion Ratio Lower Upper
92 100
91 172.5 136.6 205.0

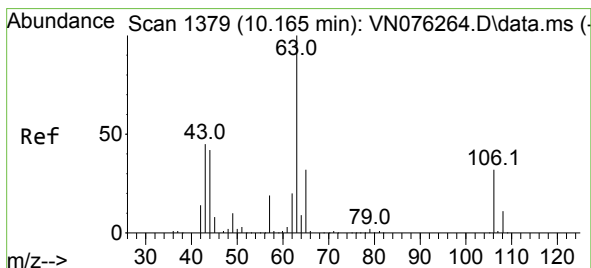
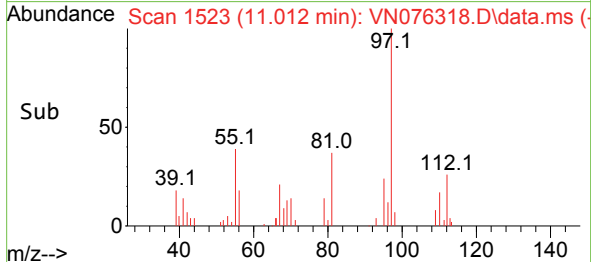
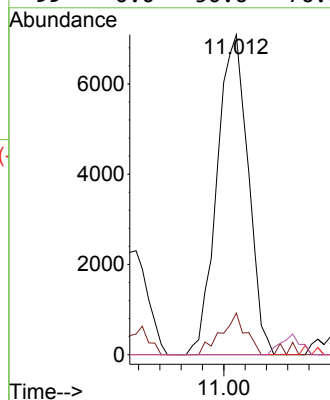
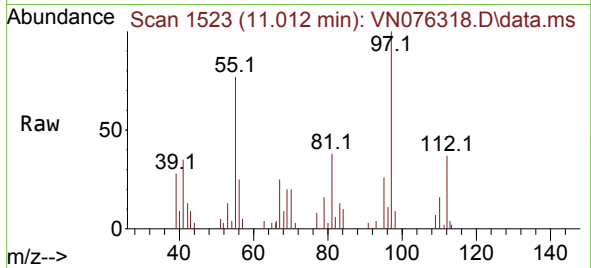




#55
1,1,2-Trichloroethane
Concen: 3.253 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

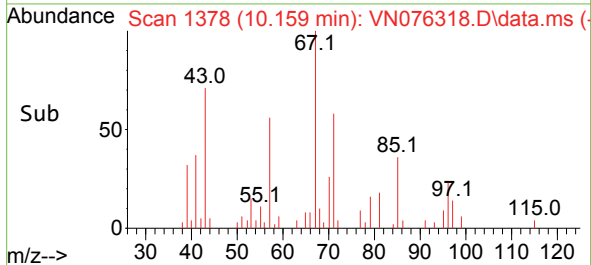
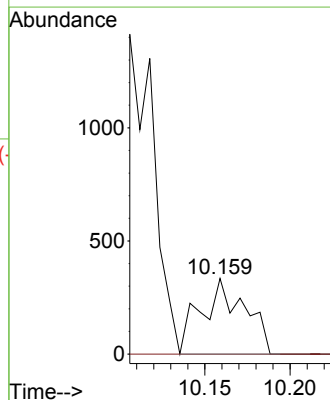
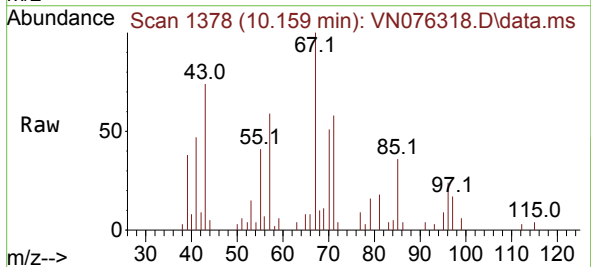
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

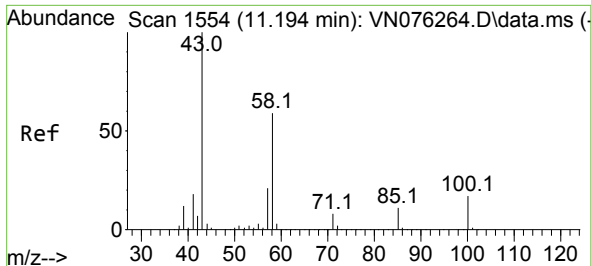
Tgt Ion: 97 Resp: 14399
Ion Ratio Lower Upper
97 100
83 13.0 67.8 101.6#
85 0.0 42.3 63.5#
99 0.0 50.6 76.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.307 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 63 Resp: 593
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.2#

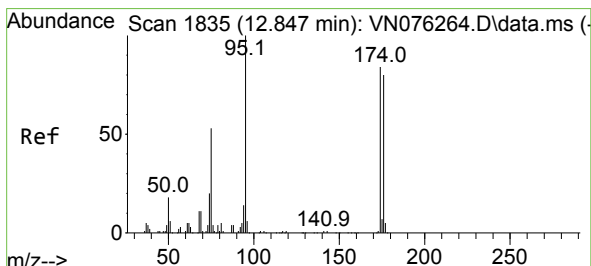
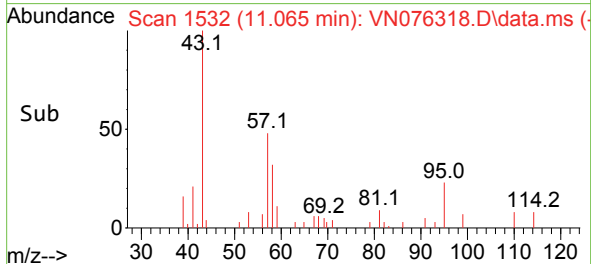
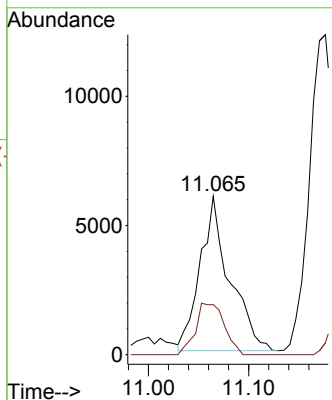
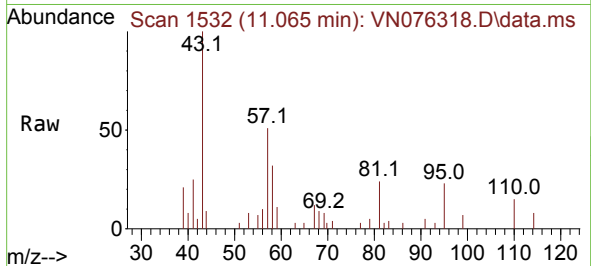




#59
2-Hexanone
Concen: 3.824 ug/l
RT: 11.065 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

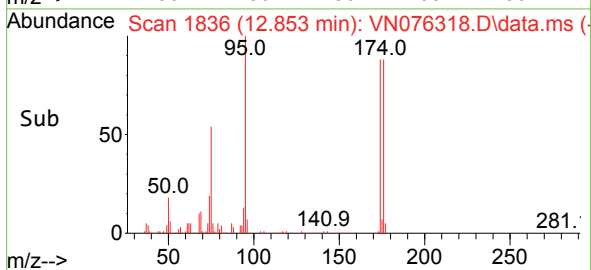
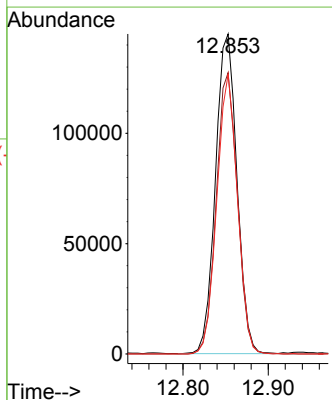
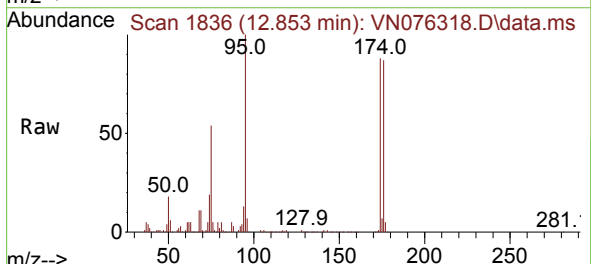
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

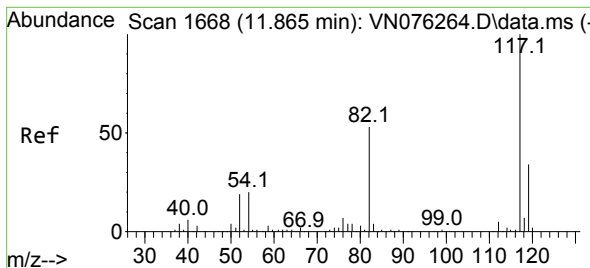
Tgt Ion: 43 Resp: 12293
Ion Ratio Lower Upper
43 100
58 32.1 30.1 90.3



#62
4-Bromofluorobenzene
Concen: 51.584 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 95 Resp: 253484
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 84.1 0.0 167.8

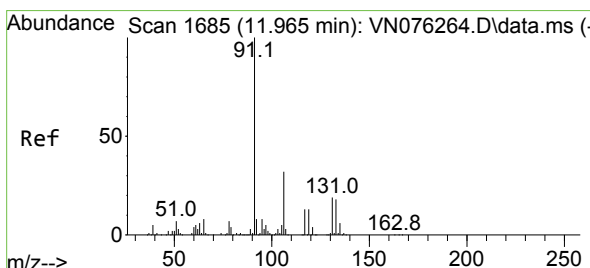
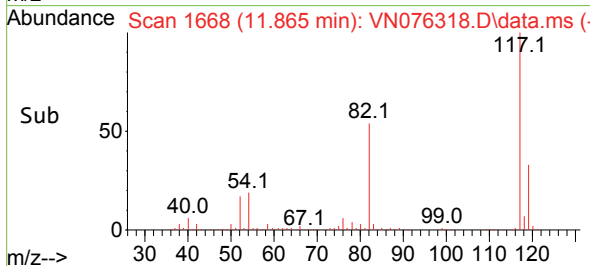
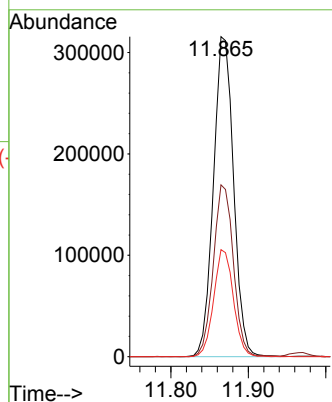
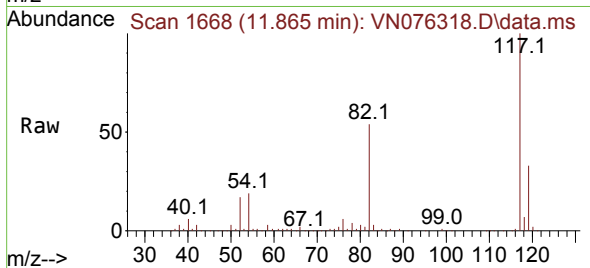




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

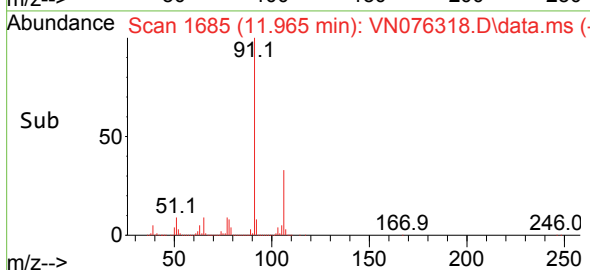
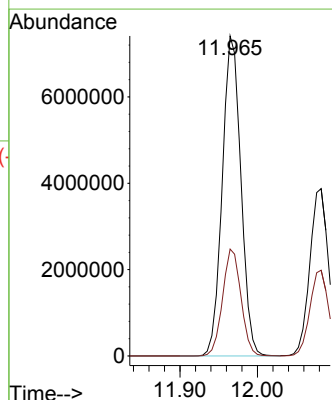
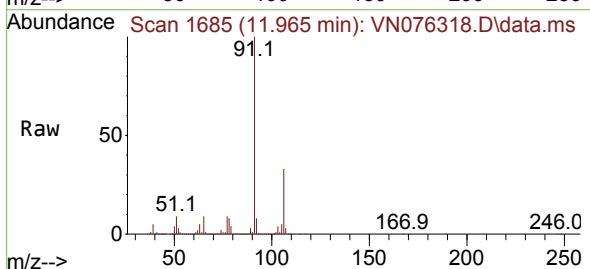
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

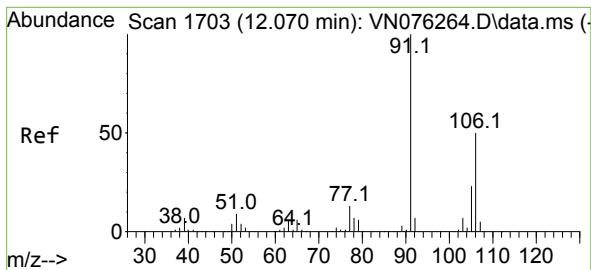
Tgt Ion:117 Resp: 570608
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 33.4 26.9 40.3



#67
Ethyl Benzene
Concen: 599.856 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 91 Resp:12383252
Ion Ratio Lower Upper
91 100
106 33.4 25.5 38.3

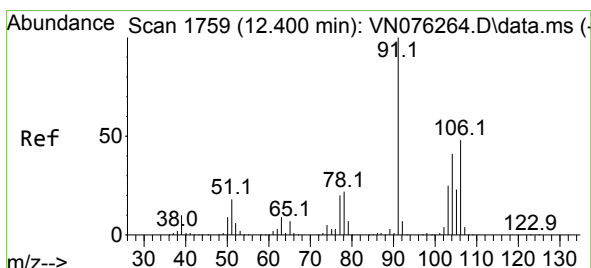
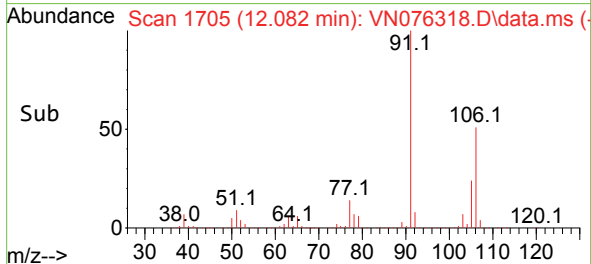
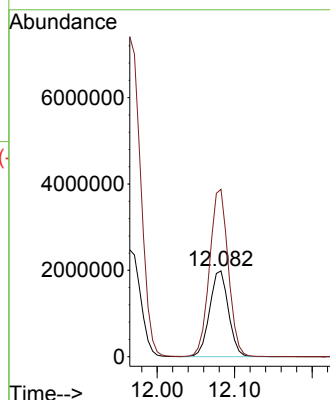
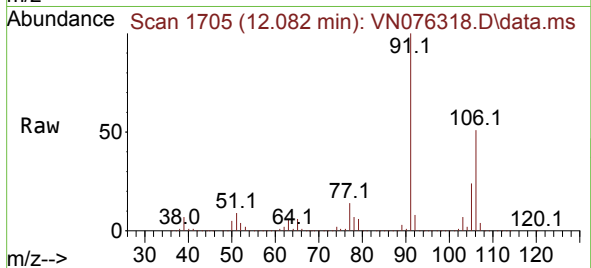




#68
m/p-Xylenes
Concen: 403.857 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.012 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

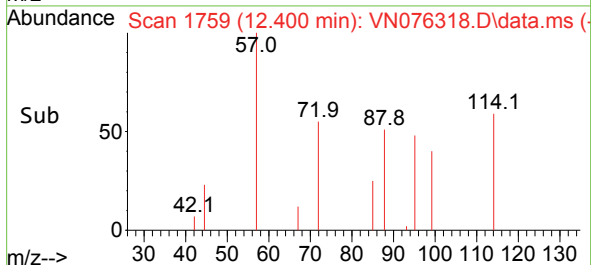
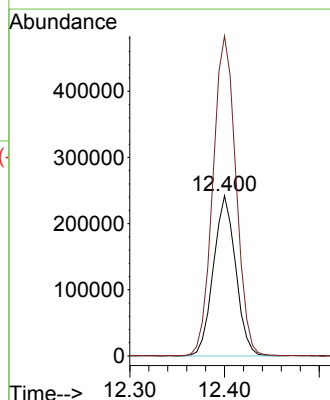
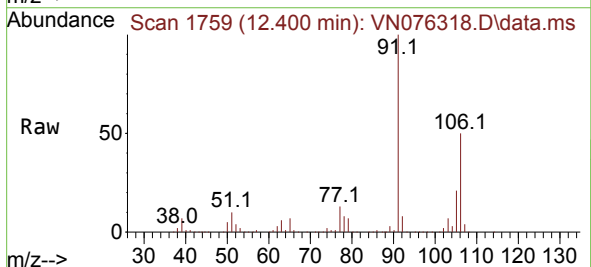
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

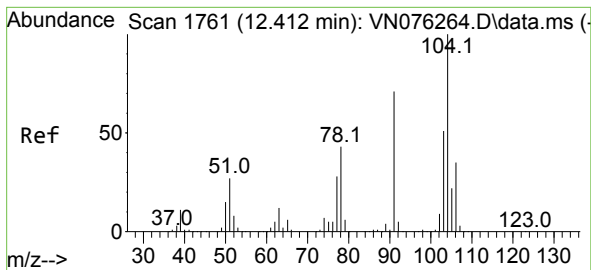
Tgt Ion:106 Resp: 3343067
Ion Ratio Lower Upper
106 100
91 195.3 157.5 236.3



#69
o-Xylene
Concen: 48.634 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion:106 Resp: 395351
Ion Ratio Lower Upper
106 100
91 206.4 103.2 309.4





#70

Styrene

Concen: 3.168 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118

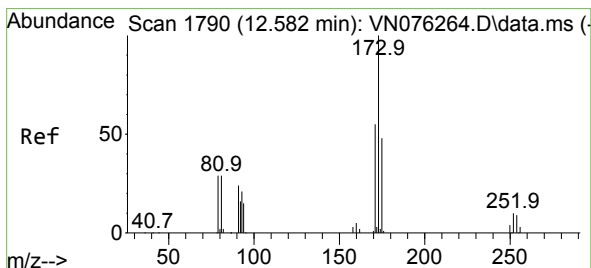
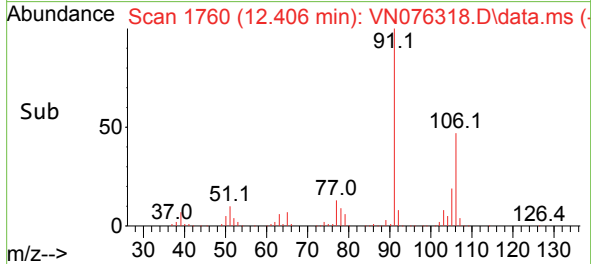
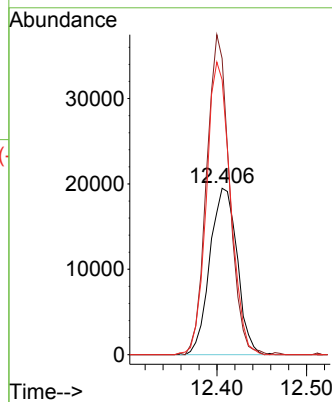
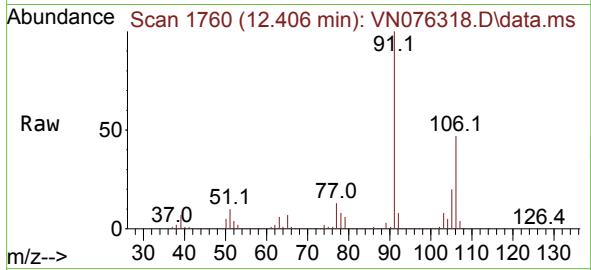
Tgt Ion:104 Resp: 41115

Ion Ratio Lower Upper

104 100

78 161.2 37.4 56.0#

103 154.9 44.2 66.2#



#71

Bromoform

Concen: 0.533 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

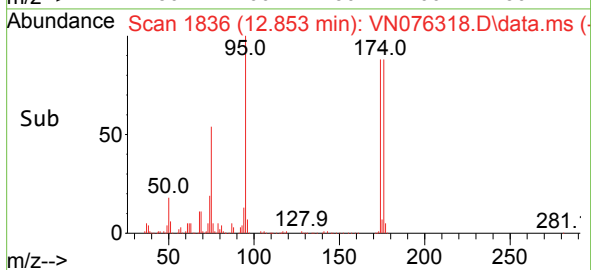
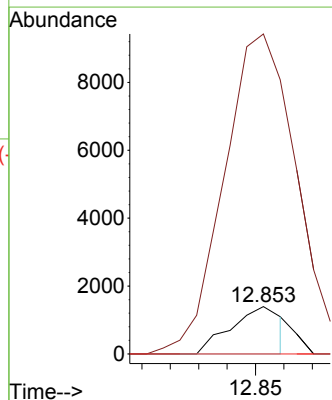
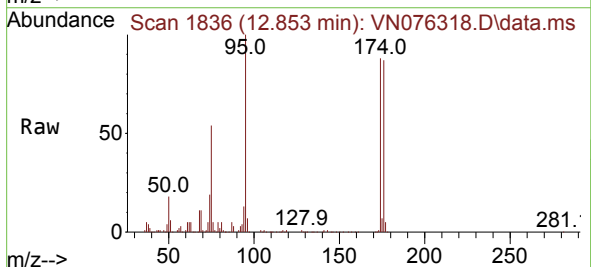
Tgt Ion:173 Resp: 1726

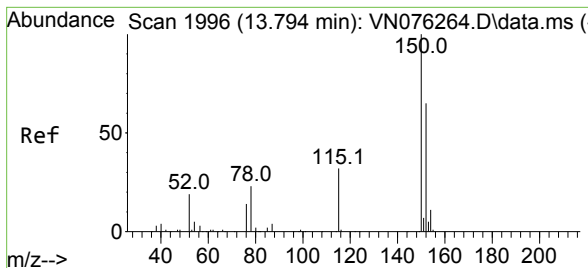
Ion Ratio Lower Upper

173 100

175 777.7 24.1 72.4#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118

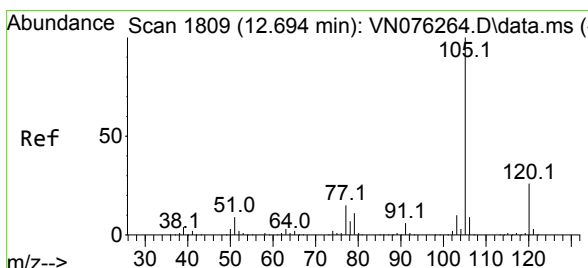
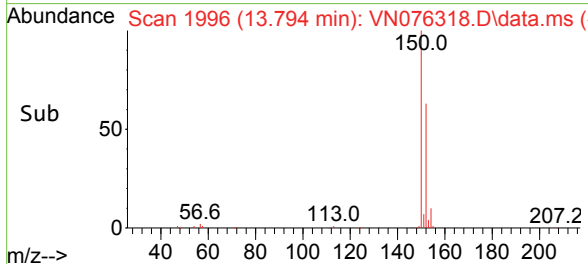
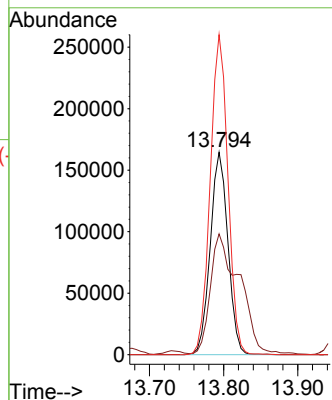
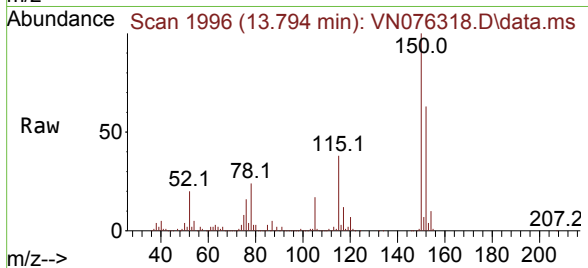
Tgt Ion:152 Resp: 272553

Ion Ratio Lower Upper

152 100

115 98.2 29.6 88.9#

150 158.1 0.0 351.4



#73

Isopropylbenzene

Concen: 30.003 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN076318.D

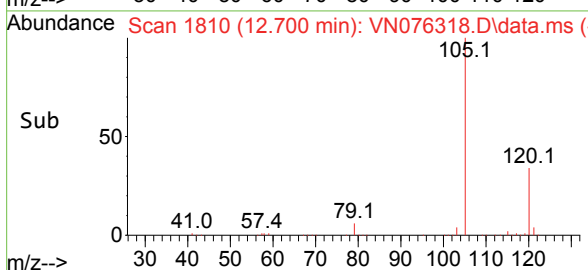
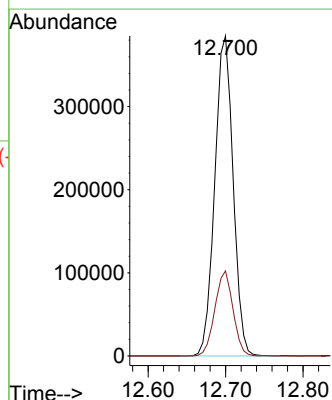
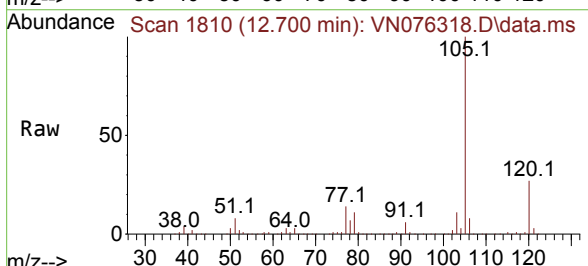
Acq: 19 Jan 2023 13:19

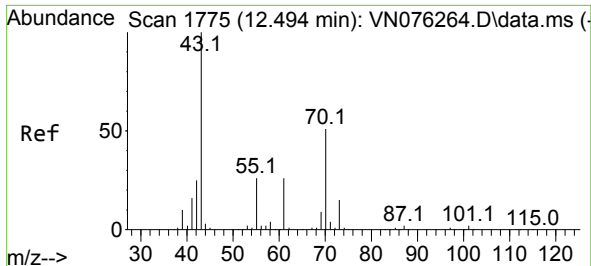
Tgt Ion:105 Resp: 632608

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1

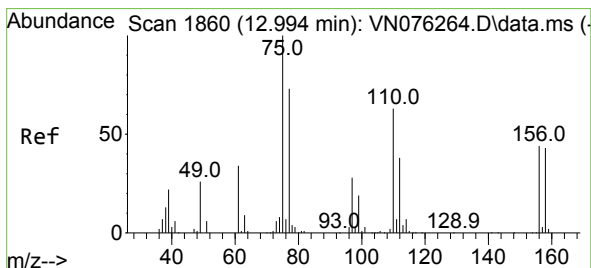
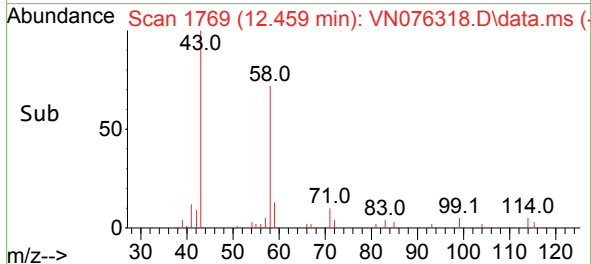
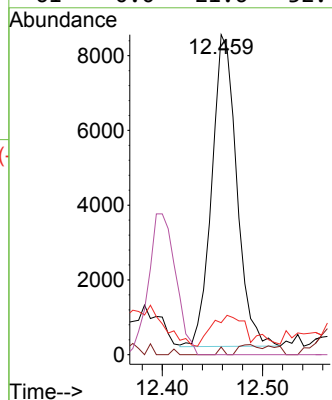
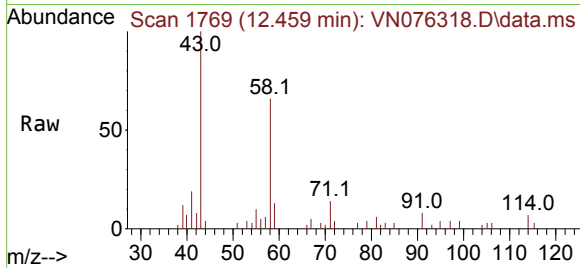




#74
N-amy1 acetate
Concen: 2.375 ug/l
RT: 12.459 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

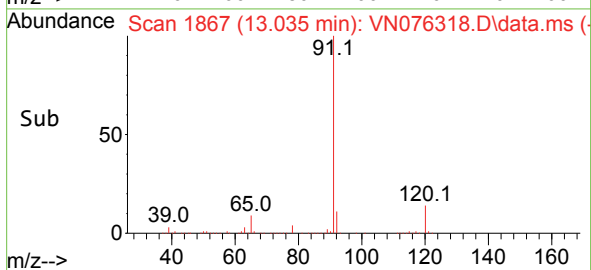
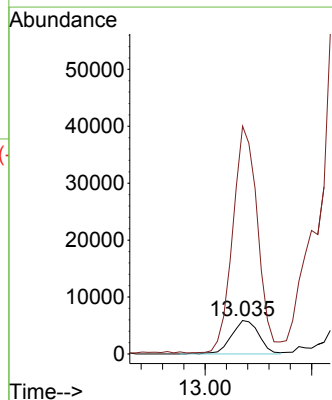
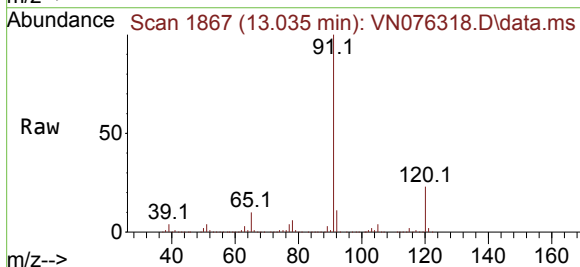
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

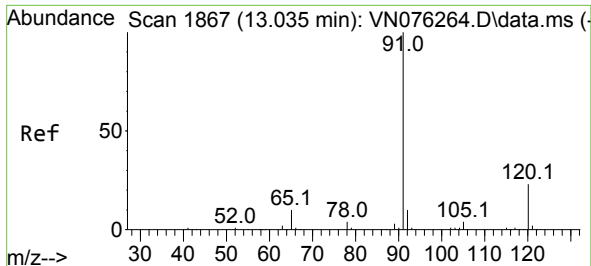
Tgt Ion:	43	Resp:	14407
Ion	Ratio	Lower	Upper
43	100		
70	0.5	41.2	61.8#
55	16.0	21.0	31.6#
61	0.0	21.6	32.4#



#76
1,2,3-Trichloropropane
Concen: 1.203 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.041 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion:	75	Resp:	10566
Ion	Ratio	Lower	Upper
75	100		
77	615.0	75.2	225.6#

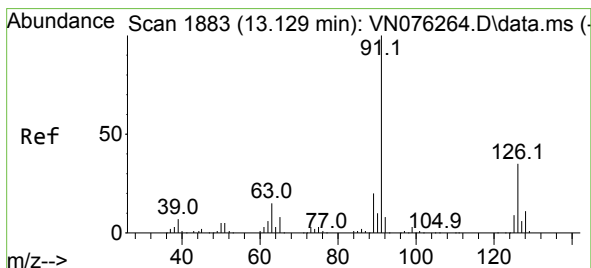
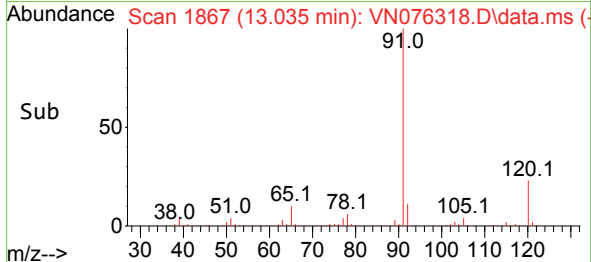
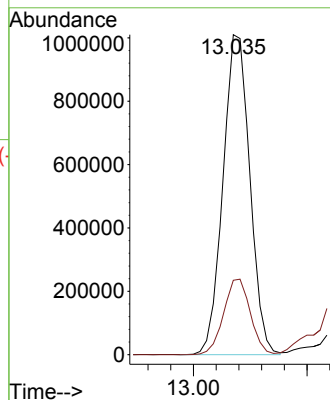
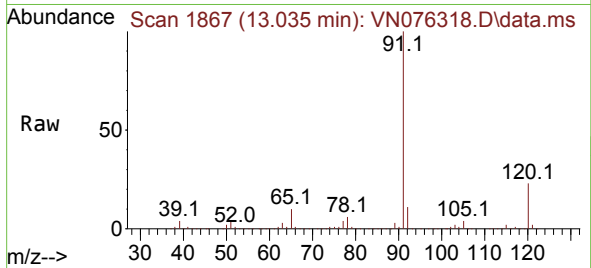




#78
n-propylbenzene
Concen: 69.745 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

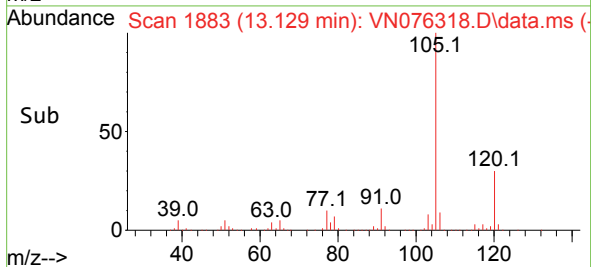
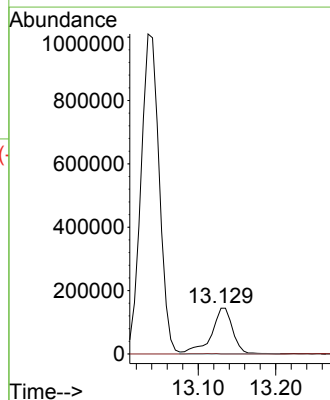
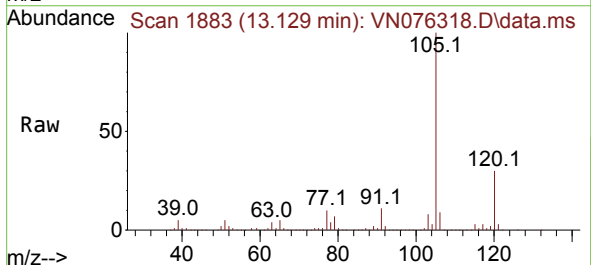
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

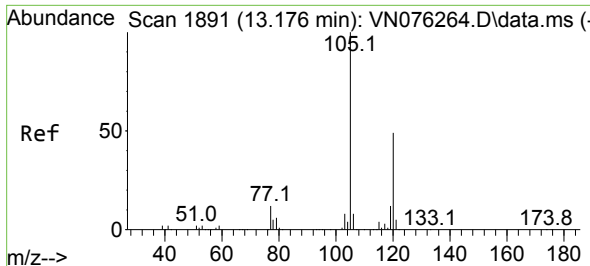
Tgt Ion: 91 Resp: 1659284
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 18.942 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 91 Resp: 276535
Ion Ratio Lower Upper
91 100
126 0.7 17.4 52.2#

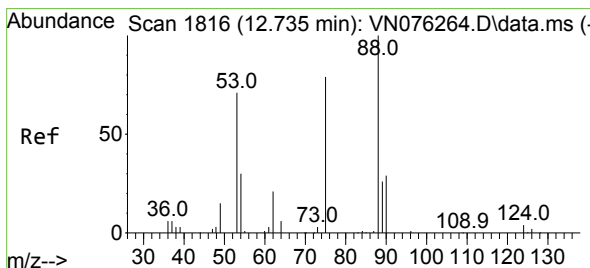
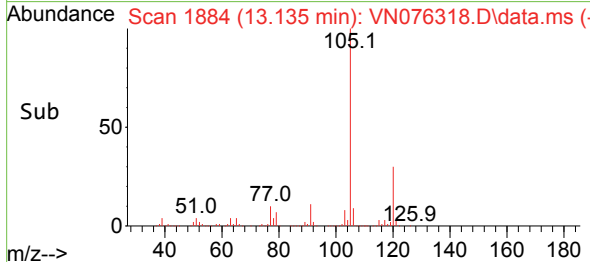
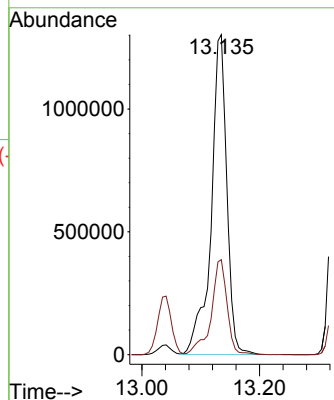
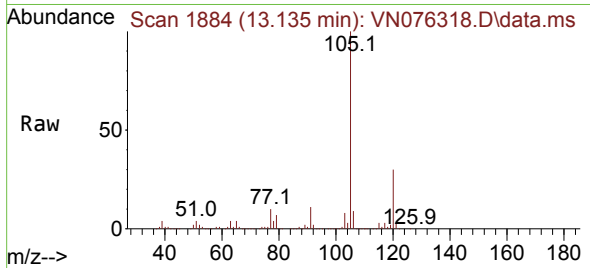




#80
1,3,5-Trimethylbenzene
Concen: 136.501 ug/l
RT: 13.135 min Scan# 1884
Delta R.T. -0.041 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

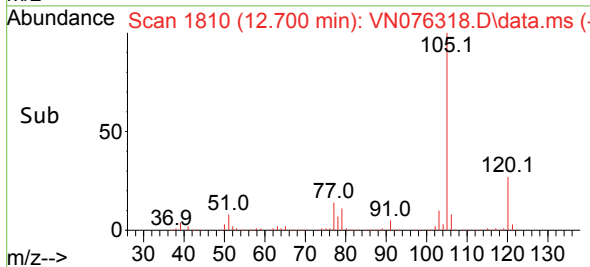
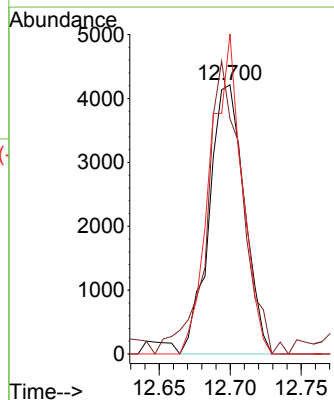
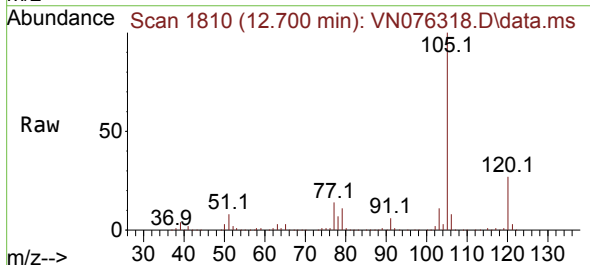
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

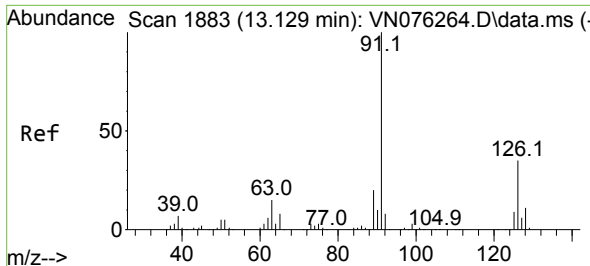
Tgt Ion:105 Resp: 2411154
Ion Ratio Lower Upper
105 100
120 30.2 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 4.422 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.035 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 75 Resp: 7244
Ion Ratio Lower Upper
75 100
53 109.8 75.8 113.8
89 107.5 37.0 55.6#

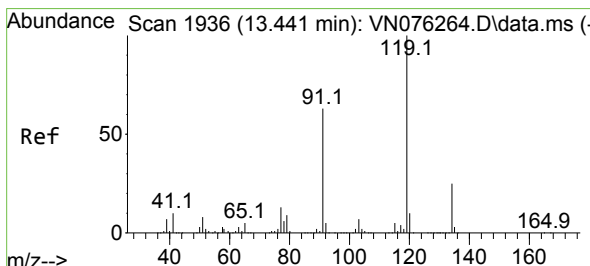
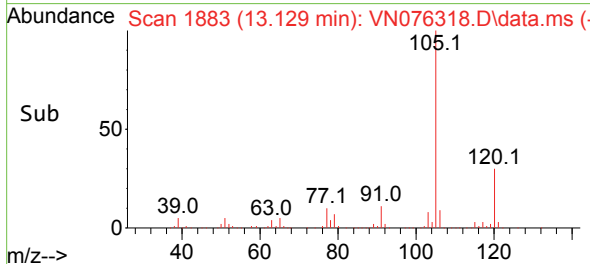
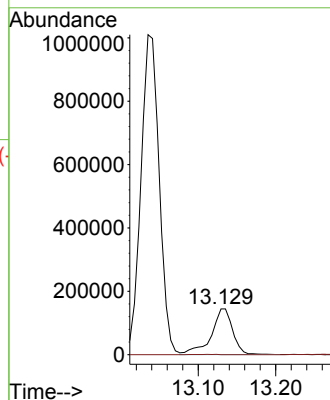
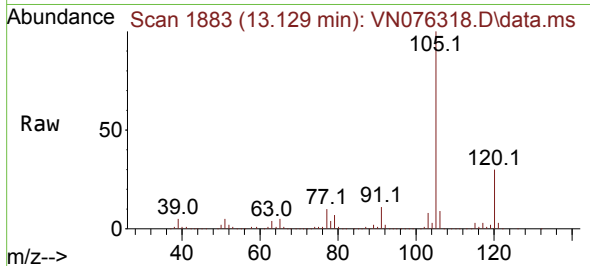




#82
4-Chlorotoluene
Concen: 18.942 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

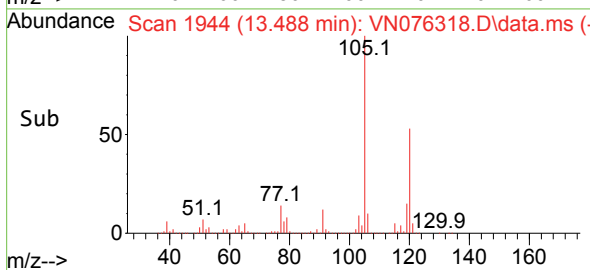
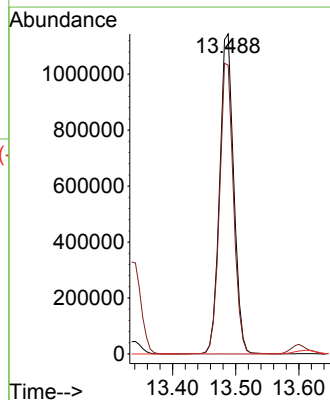
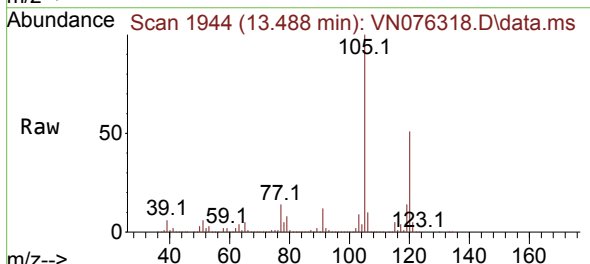
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

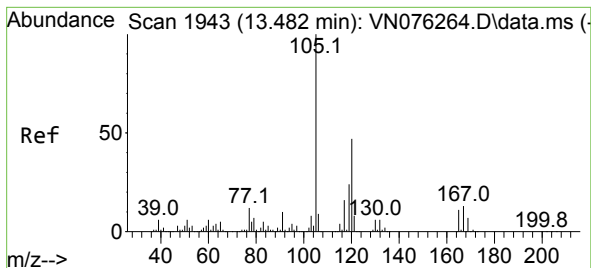
Tgt Ion: 91 Resp: 276535
Ion Ratio Lower Upper
91 100
126 0.7 17.4 52.2#



#83
tert-Butylbenzene
Concen: 113.080 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.047 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 119 Resp: 1776540
Ion Ratio Lower Upper
119 100
91 90.2 32.2 96.6
134 0.0 13.6 40.8#





#84

1,2,4-Trimethylbenzene

Concen: 777.472 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

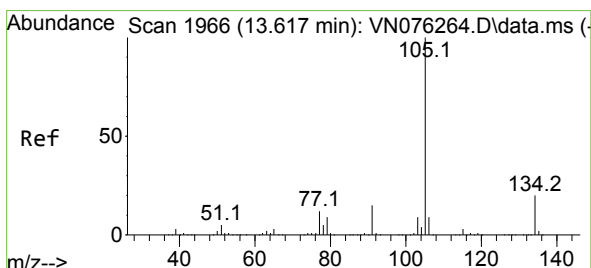
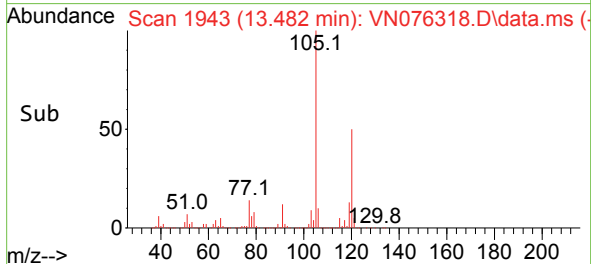
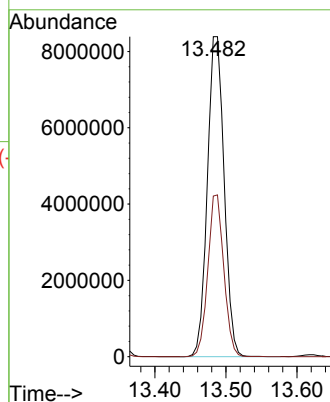
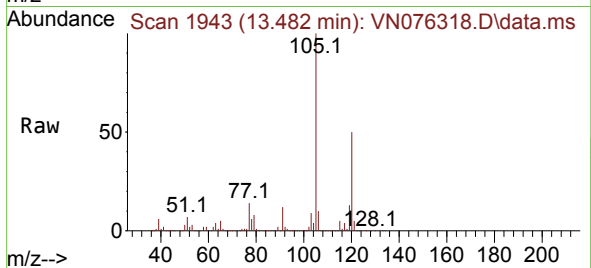
MW-10-0118

Tgt Ion:105 Resp:13770734

Ion Ratio Lower Upper

105 100

120 48.2 22.9 68.5



#85

sec-Butylbenzene

Concen: 631.692 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.135 min

Lab File: VN076318.D

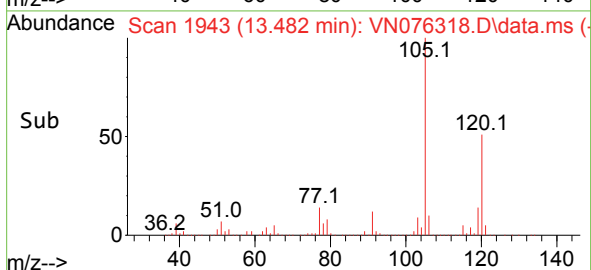
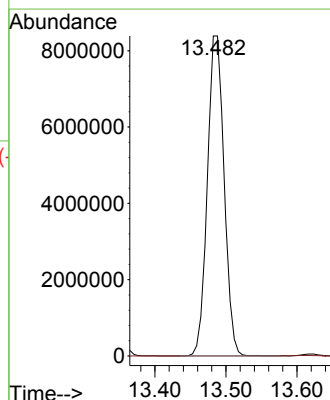
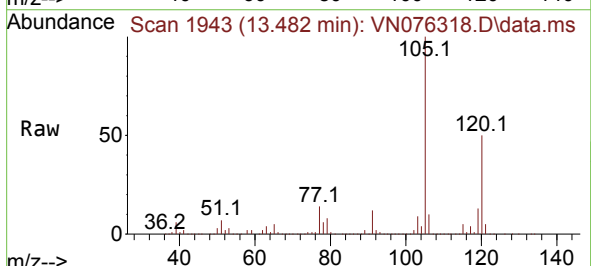
Acq: 19 Jan 2023 13:19

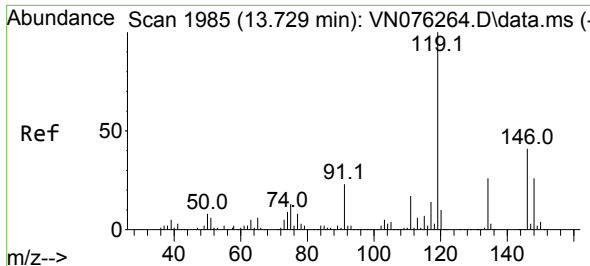
Tgt Ion:105 Resp:13770734

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

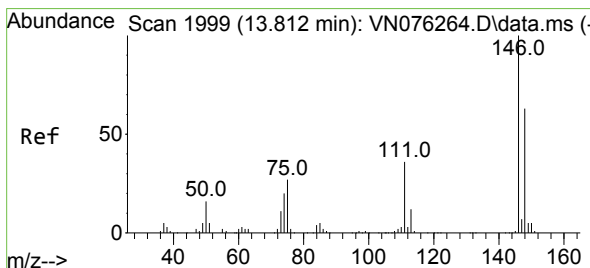
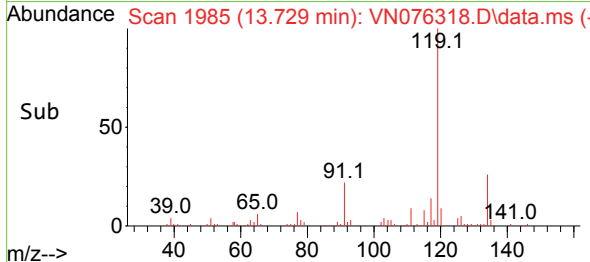
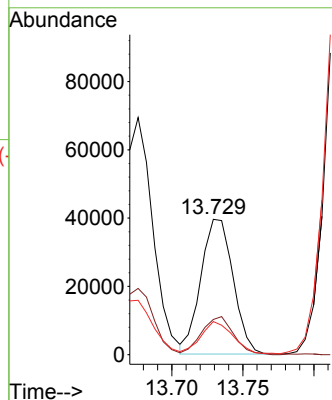
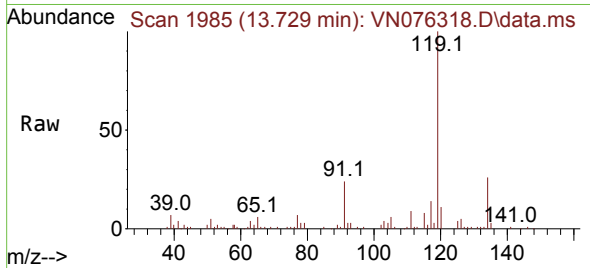




#86
p-Isopropyltoluene
Concen: 3.484 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

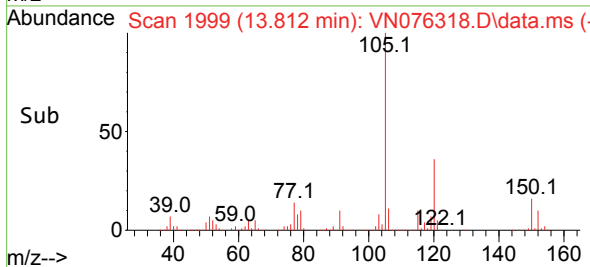
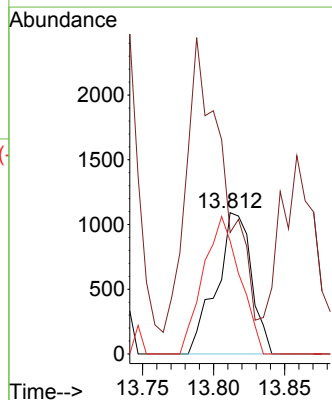
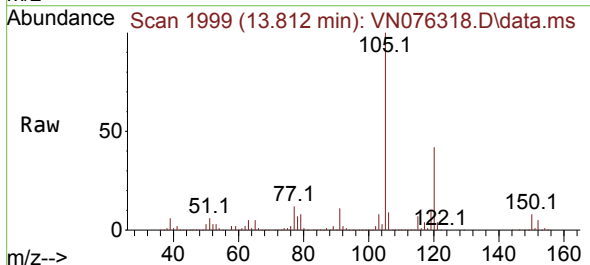
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

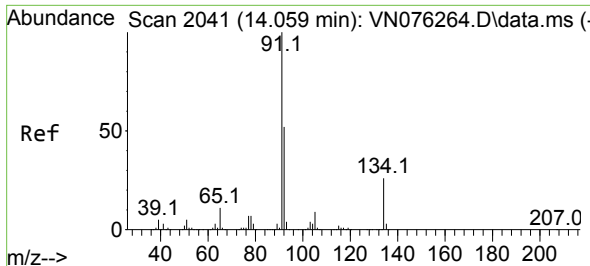
Tgt Ion:119 Resp: 62449
Ion Ratio Lower Upper
119 100
134 27.9 13.2 39.6
91 0.0 11.8 35.3#



#88
1,4-Dichlorobenzene
Concen: 0.298 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion:146 Resp: 1861
Ion Ratio Lower Upper
146 100
111 0.0 19.1 57.5#
148 102.5 31.9 95.9#

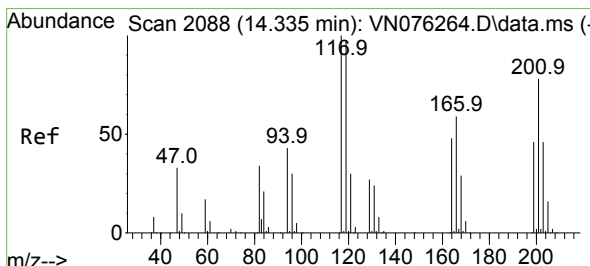
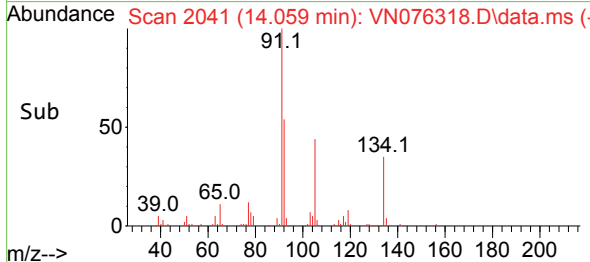
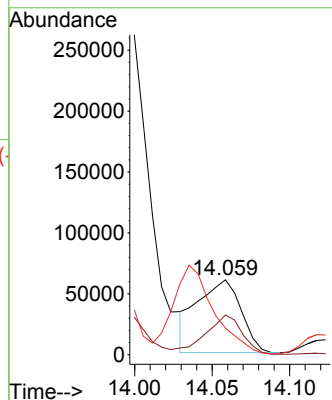
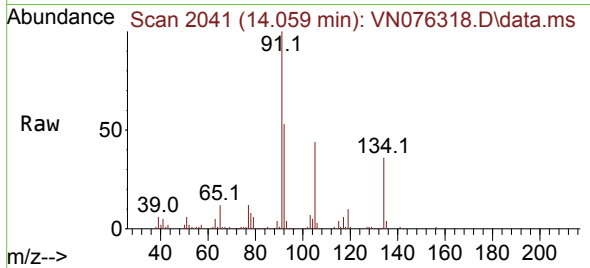




#89
n-Butylbenzene
Concen: 8.274 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

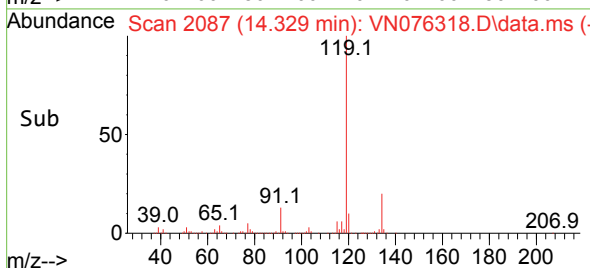
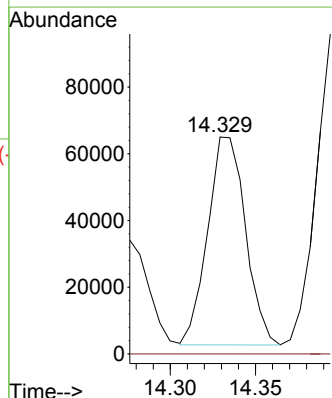
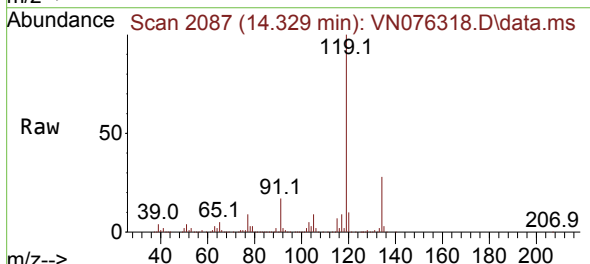
Instrument :
MSVOA_N
ClientSampleId :
MW-10-0118

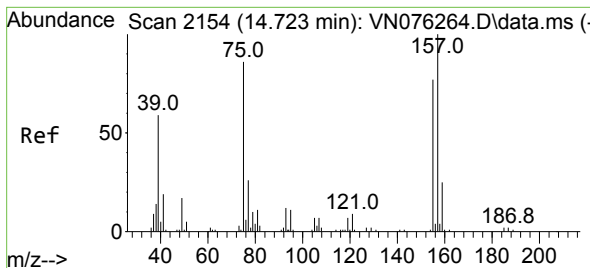
Tgt Ion: 91 Resp: 117737
Ion Ratio Lower Upper
91 100
92 45.4 26.3 78.9
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 31.110 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN076318.D
Acq: 19 Jan 2023 13:19

Tgt Ion: 117 Resp: 96251
Ion Ratio Lower Upper
117 100
201 0.0 37.3 111.9#

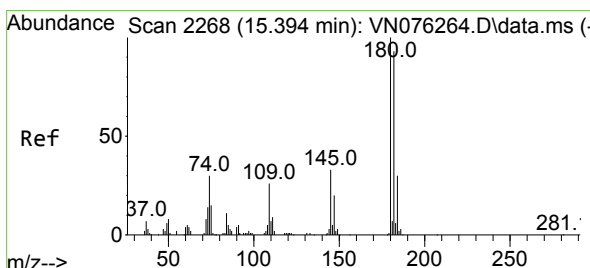
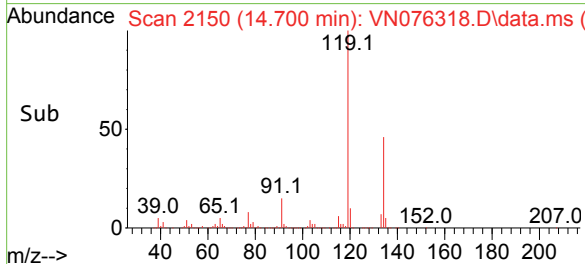
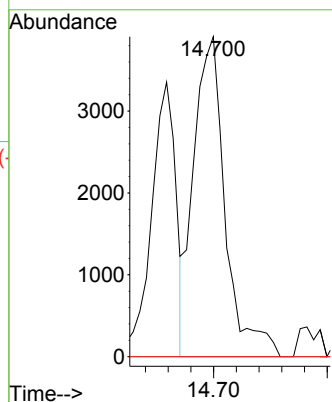
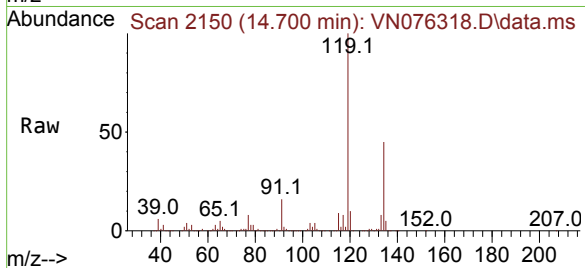




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.114 ug/l
 RT: 14.700 min Scan# 2154
 Delta R.T. -0.023 min
 Lab File: VN076318.D
 Acq: 19 Jan 2023 13:19

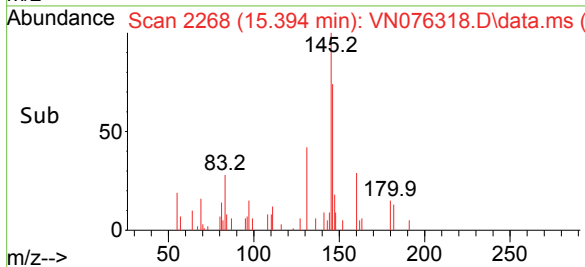
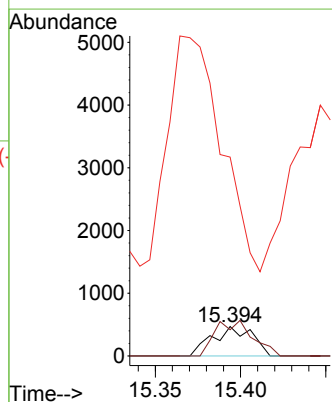
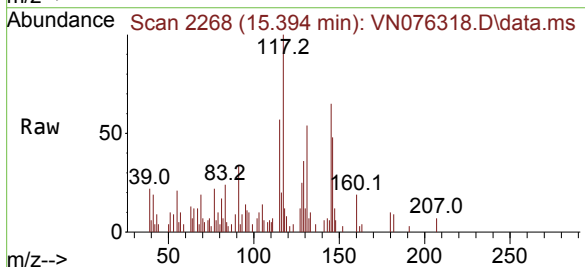
Instrument :
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 ClientSampleId :
 MW-10-0118

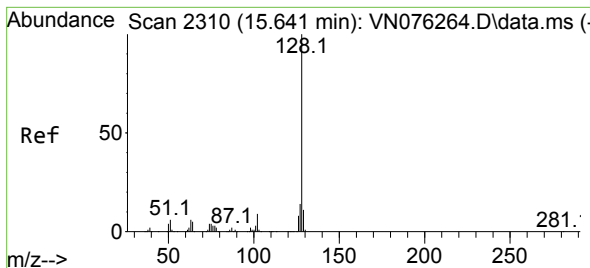
Tgt Ion: 75 Resp: 7495
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 135.0#
 157 0.0 58.3 174.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.462 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076318.D
 Acq: 19 Jan 2023 13:19

Tgt Ion: 180 Resp: 768
 Ion Ratio Lower Upper
 180 100
 182 112.5 47.0 141.2
 145 0.0 15.2 45.5#





#95

Naphthalene

Concen: 170.987 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

MW-10-0118

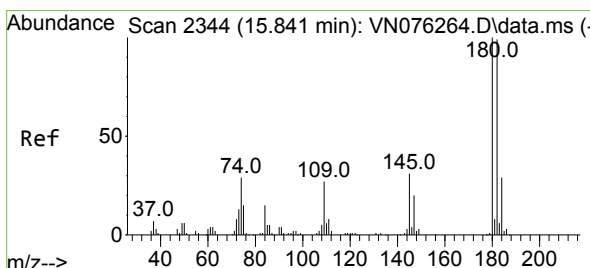
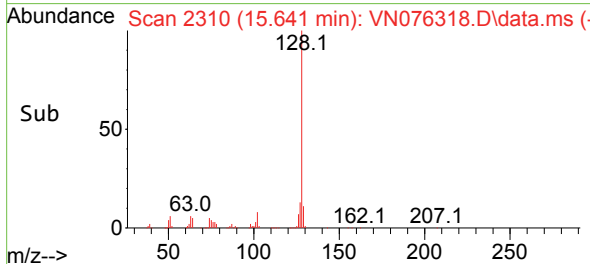
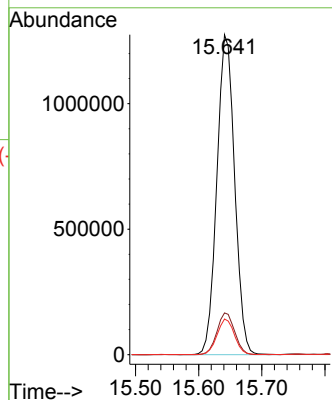
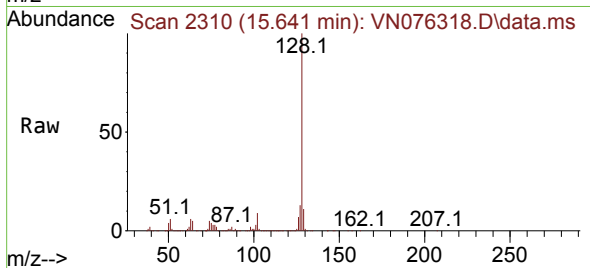
Tgt Ion:128 Resp: 2486799

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.269 ug/l

RT: 15.835 min Scan# 2343

Delta R.T. -0.006 min

Lab File: VN076318.D

Acq: 19 Jan 2023 13:19

Tgt Ion:180 Resp: 536

Ion Ratio Lower Upper

180 100

182 124.6 47.5 142.5

145 0.0 15.9 47.6#

