

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080116.D
 Acq On : 15 Nov 2023 17:29
 Operator : JC\MD
 Sample : 05417-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 15 21:56:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	205242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	407697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	167123	53.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.900%	
35) Dibromofluoromethane	8.171	113	129801	46.791	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.580%	
50) Toluene-d8	10.571	98	488505	47.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.660%	
62) 4-Bromofluorobenzene	12.853	95	208733	61.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 123.260%#	

Target Compounds				Qvalue		
3) Chloromethane	2.359	50	709	Below Cal	#	42
11) Tert butyl alcohol	5.536	59	426	1.067	ug/l #	72
13) Acrolein	4.183	56	61	2.741	ug/l #	1
16) Acetone	4.430	43	40992	37.321	ug/l	92
18) Methyl Acetate	5.047	43	5907	1.124	ug/l #	42
20) Methylene Chloride	5.289	84	10003	3.609	ug/l #	89
25) 2-Butanone	7.500	43	4727	2.939	ug/l	93
29) Tetrahydrofuran	7.859	42	267	0.255	ug/l #	36
31) Cyclohexane	8.230	56	6661	1.612	ug/l #	35
36) 1,1-Dichloropropene	8.230	75	18334	4.629	ug/l #	49
37) Ethyl Acetate	7.577	43	3898	1.073	ug/l #	79
38) Carbon Tetrachloride	8.224	117	23962	6.003	ug/l #	15
39) Methylcyclohexane	9.600	83	3119	0.837	ug/l #	66
40) Benzene	8.606	78	1126336	94.941	ug/l	99
43) Isopropyl Acetate	8.694	43	229900	36.088	ug/l #	76
48) Methyl methacrylate	9.665	41	4042	1.449	ug/l #	3
49) 1,4-Dioxane	9.735	88	54	1.095	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	32228	8.986	ug/l #	84
52) Toluene	10.635	92	1045150	148.602	ug/l	99
53) t-1,3-Dichloropropene	10.735	75	1022	0.236	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	65064	13.792	ug/l #	65
55) 1,1,2-Trichloroethane	10.894	97	8972	3.172	ug/l #	20
57) 1,3-Dichloropropane	11.206	76	7993	1.603	ug/l #	42
59) 2-Hexanone	11.171	43	129414	47.167	ug/l #	19
67) Ethyl Benzene	11.965	91	181339	11.769	ug/l	96
68) m/p-Xylenes	12.070	106	350034	60.984	ug/l	87
69) o-Xylene	12.400	106	211270	38.225	ug/l	88
70) Styrene	12.412	104	64772	7.292	ug/l #	41
71) Bromoform	12.847	173	733	0.324	ug/l #	1
73) Isopropylbenzene	12.700	105	11084	0.714	ug/l	98
74) N-amyl acetate	12.459	43	1488	0.220	ug/l #	48
76) 1,2,3-Trichloropropane	12.853	75	115126	23.986	ug/l #	1
78) n-propylbenzene	13.041	91	19321	1.087	ug/l	97
79) 2-Chlorotoluene	13.100	91	10091	0.889	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	72105	5.973	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	115126	65.261	ug/l #	15

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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

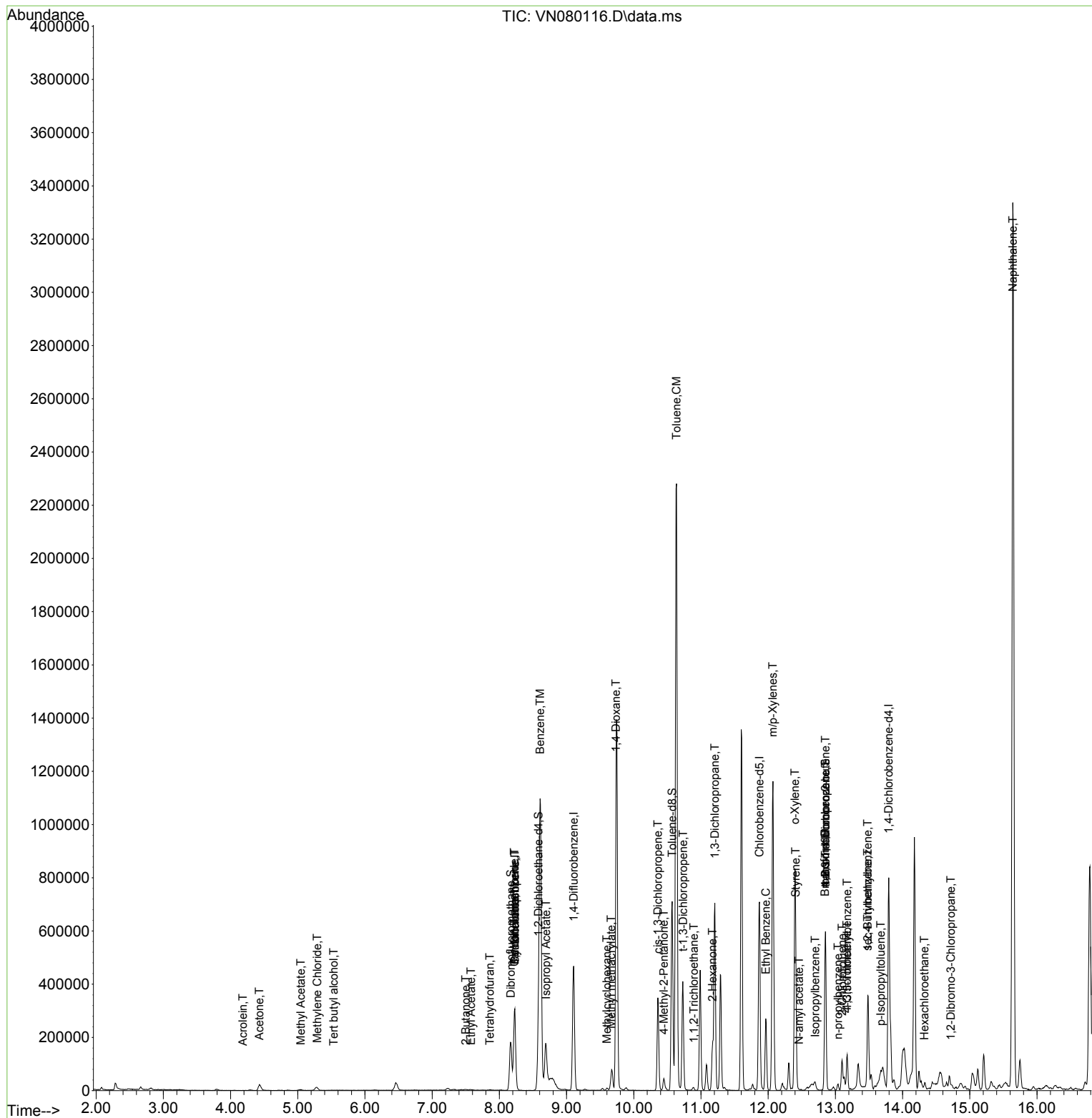
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.170	91	9472	0.840	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.482	105	209211	17.615	ug/l	95
85) sec-Butylbenzene	13.482	105	209211	15.282	ug/l #	57
86) p-Isopropyltoluene	13.676	119	5381	0.482	ug/l	81
90) Hexachloroethane	14.323	117	1966	0.889	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.717	75	433	0.464	ug/l #	4
95) Naphthalene	15.641	128	3044340	283.013	ug/l	99

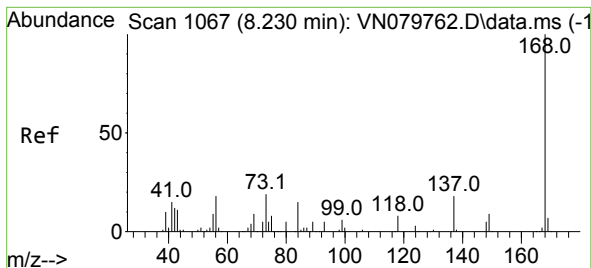
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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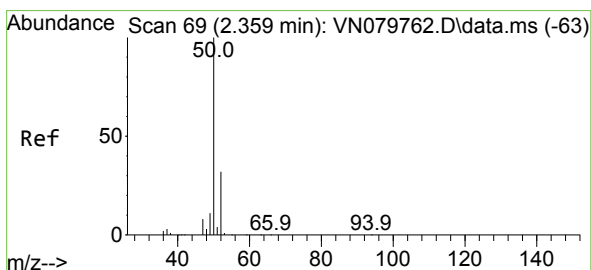
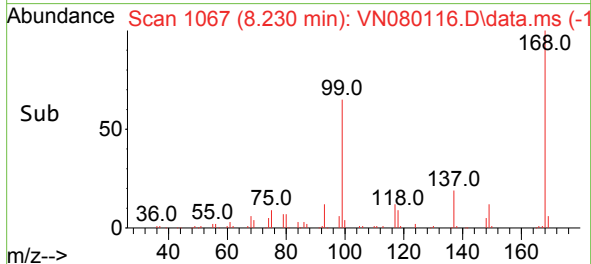
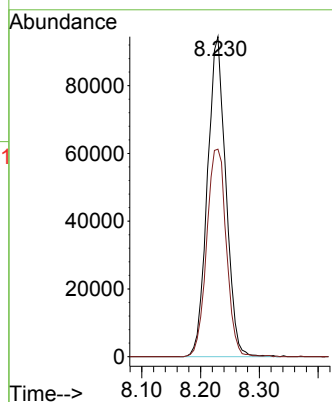
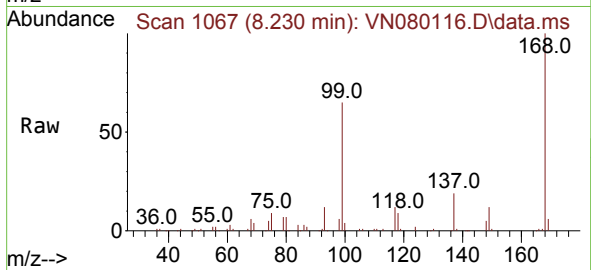




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080116.D
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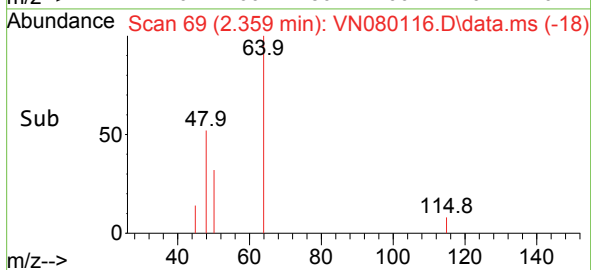
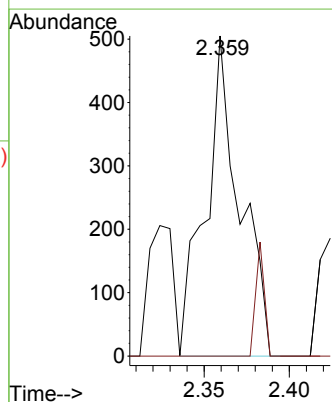
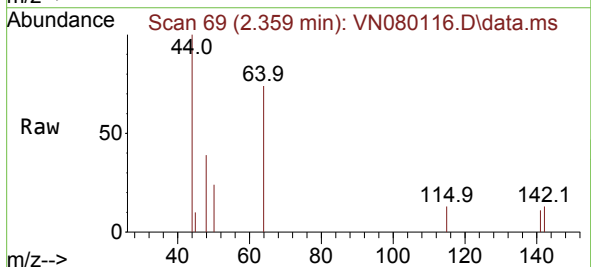
Instrument :
MSVOA_N
ClientSampleId :

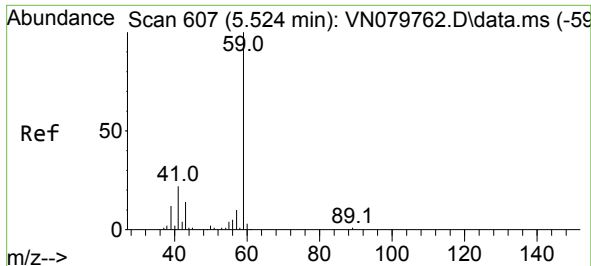
Tgt Ion:168 Resp: 205242
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

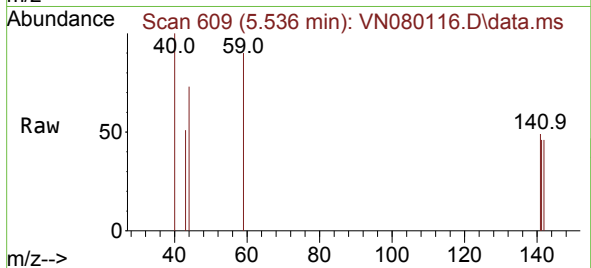
Tgt Ion: 50 Resp: 709
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



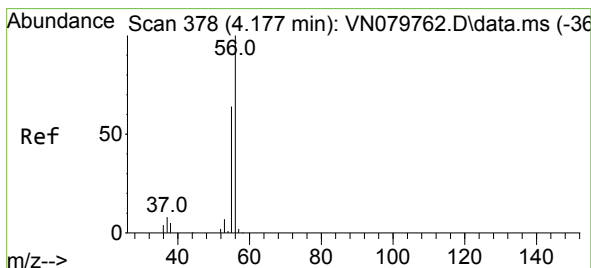
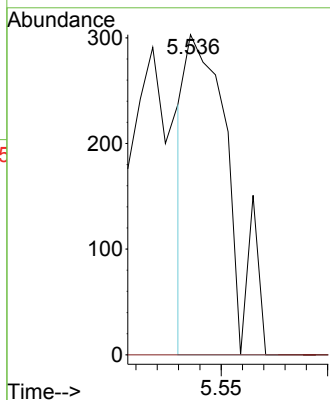
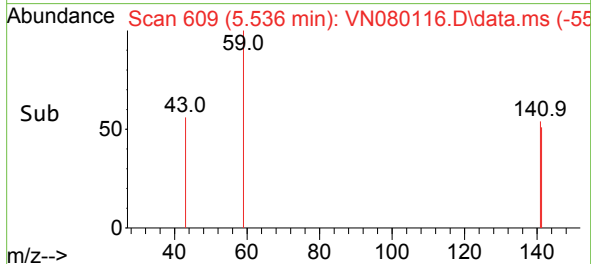


#11
Tert butyl alcohol
Concen: 1.067 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.018 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :

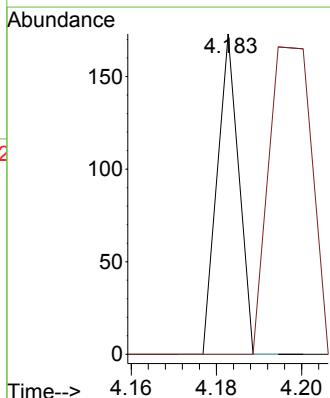
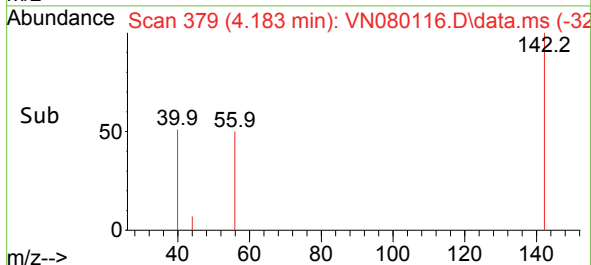
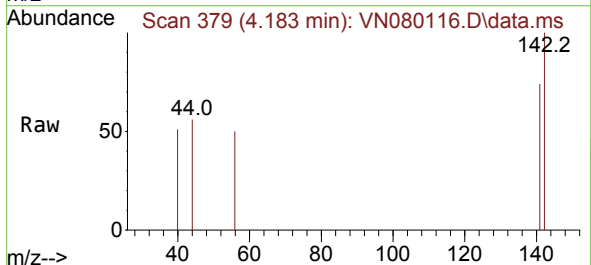


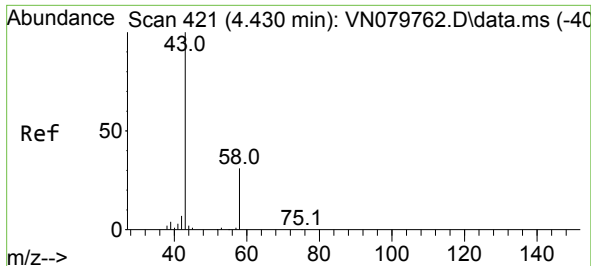
Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 2.741 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 191.8 54.5 81.7#

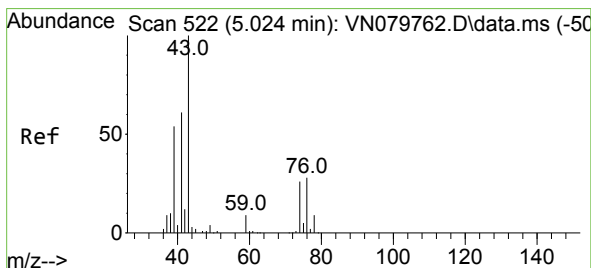
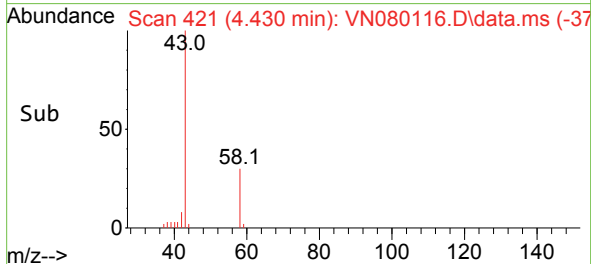
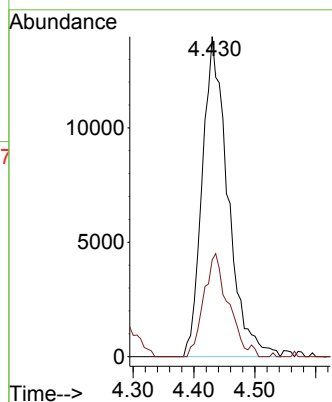
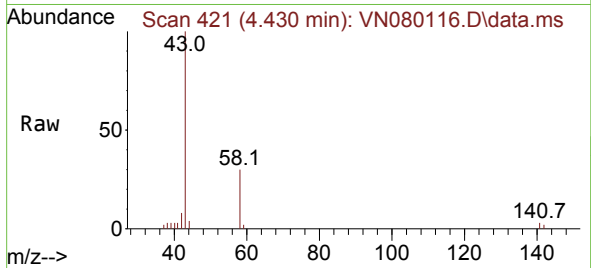




#16
Acetone
Concen: 37.321 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

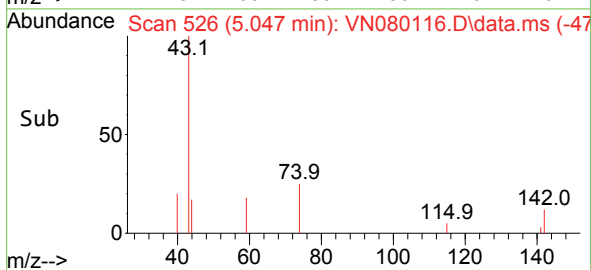
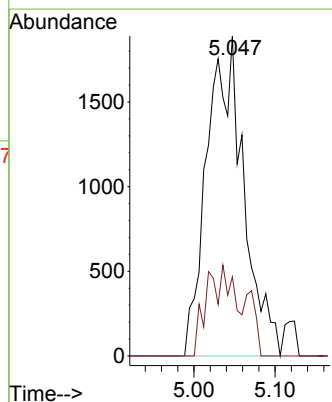
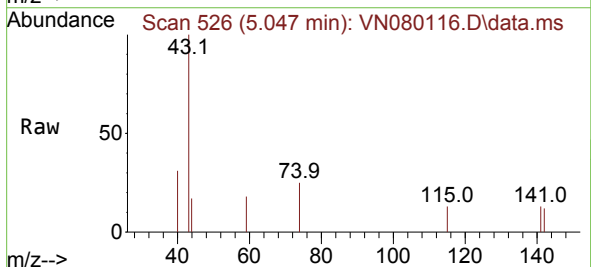
Instrument :
MSVOA_N
ClientSampleId :

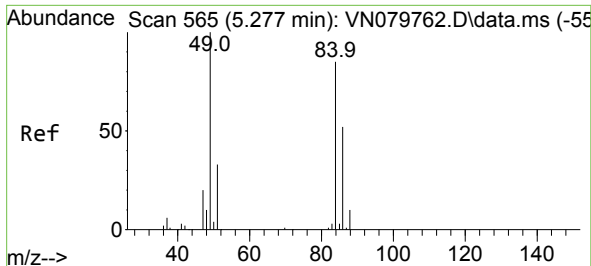
Tgt Ion: 43 Resp: 40992
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0



#18
Methyl Acetate
Concen: 1.124 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.024 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

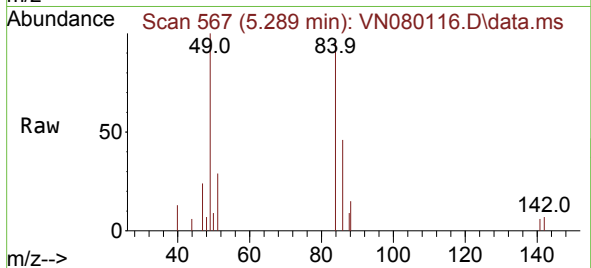
Tgt Ion: 43 Resp: 5907
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



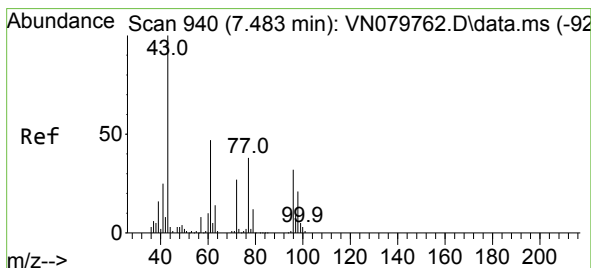
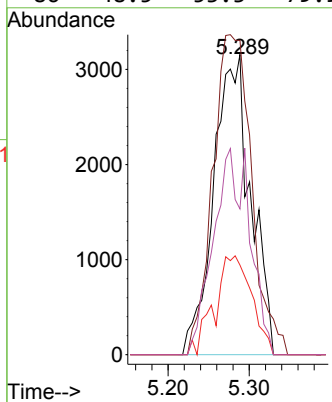
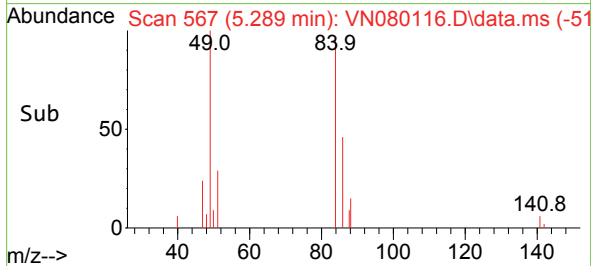


#20
Methylene Chloride
Concen: 3.609 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :

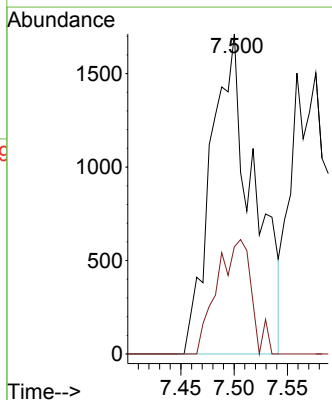
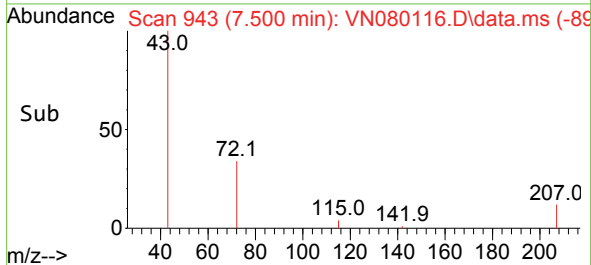
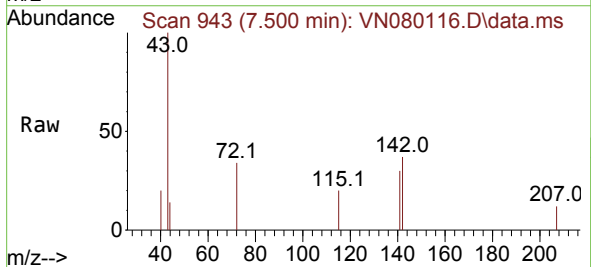


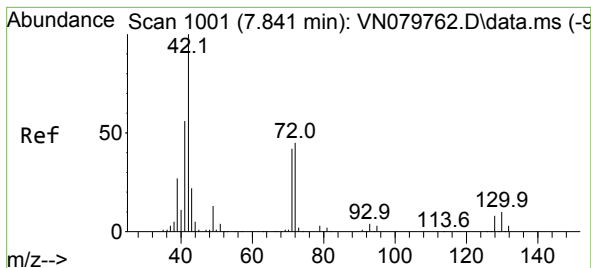
Tgt Ion: 84 Resp: 10003
Ion Ratio Lower Upper
84 100
49 104.7 79.7 119.5
51 29.9 25.2 37.8
86 48.5 53.3 79.9#



#25
2-Butanone
Concen: 2.939 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 43 Resp: 4727
Ion Ratio Lower Upper
43 100
72 33.5 30.2 45.2





#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 7.859 min Scan# 10

Delta R.T. 0.018 min

Lab File: VN080116.D

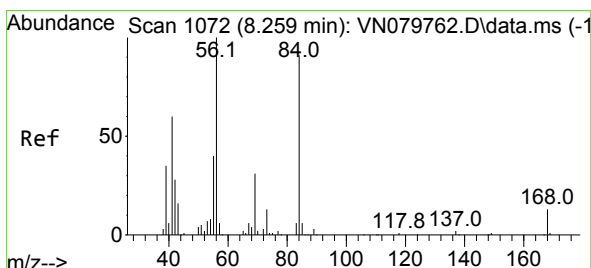
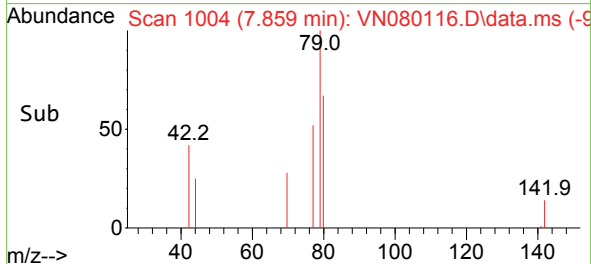
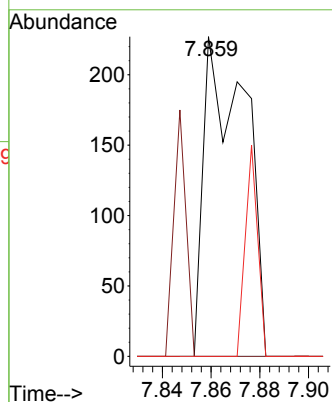
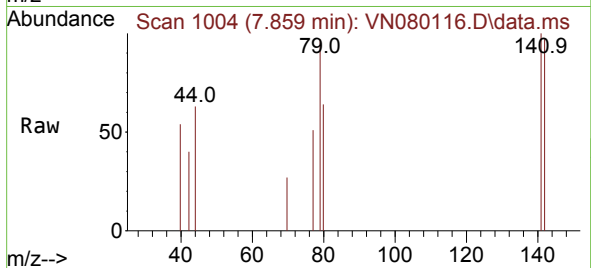
Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	42	Resp:	267
Ion	Ratio	Lower	Upper
42	100		
72	23.2	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 1.612 ug/l

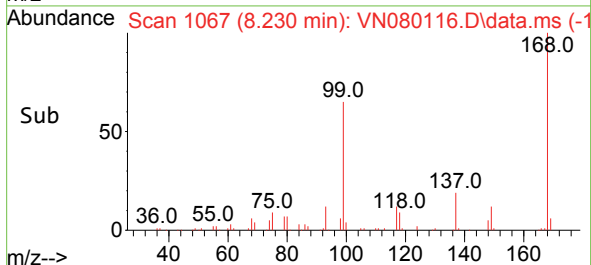
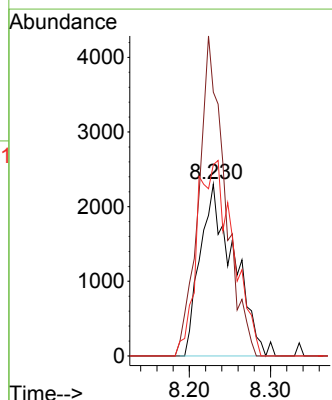
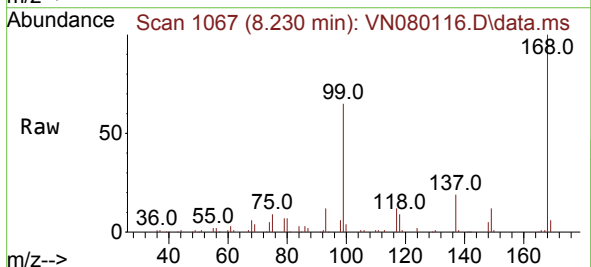
RT: 8.230 min Scan# 1067

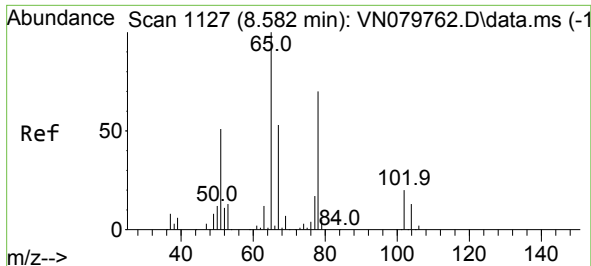
Delta R.T. -0.029 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Tgt Ion:	56	Resp:	6661
Ion	Ratio	Lower	Upper
56	100		
69	153.6	26.8	40.2#
84	119.4	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 53.446 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

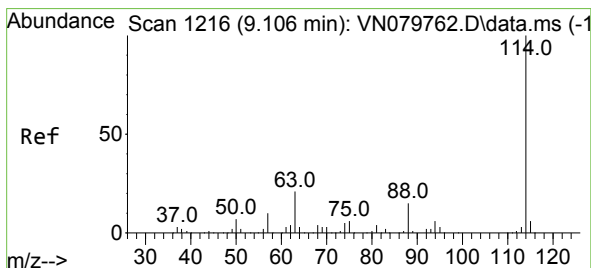
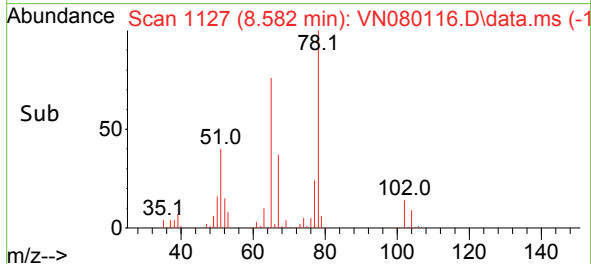
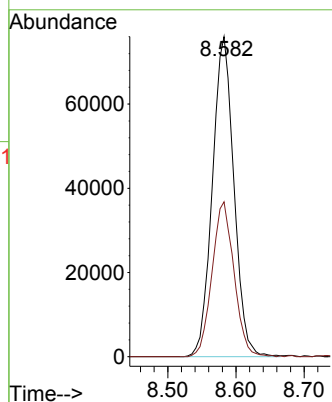
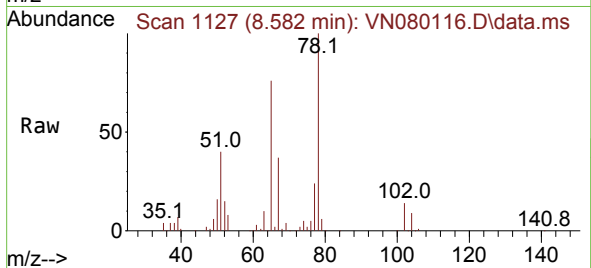
ClientSampleId :

Tgt Ion: 65 Resp: 167123

Ion Ratio Lower Upper

65 100

67 49.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

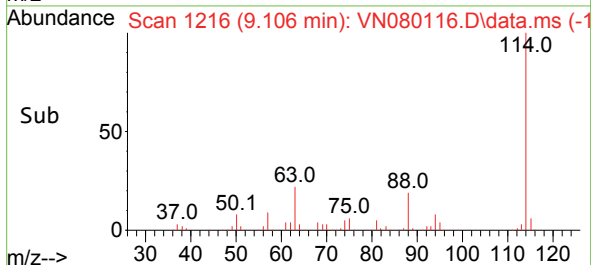
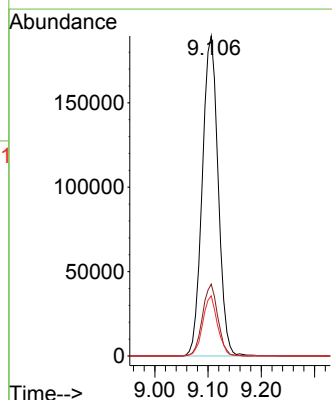
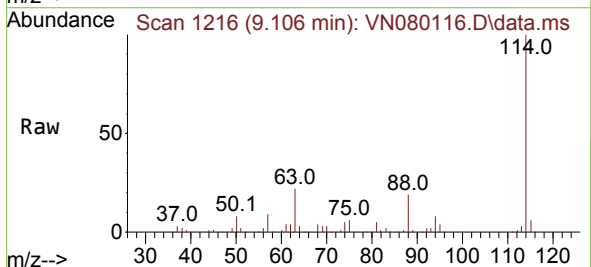
Tgt Ion: 114 Resp: 391953

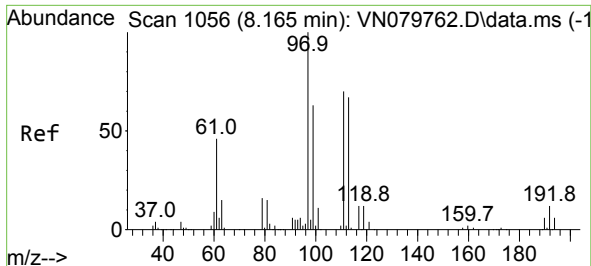
Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 18.8 0.0 30.6

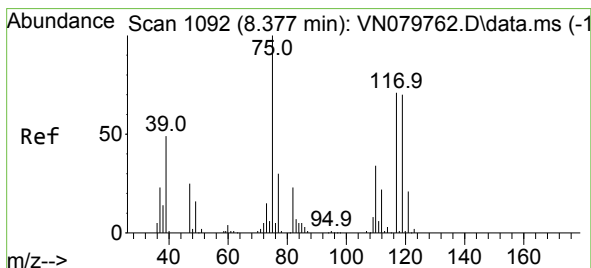
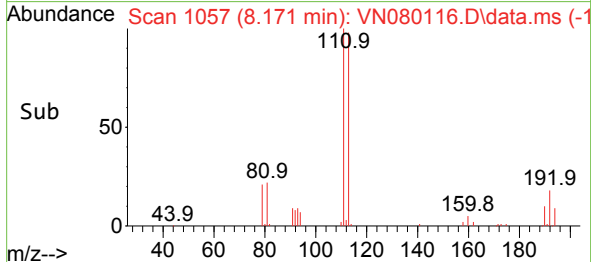
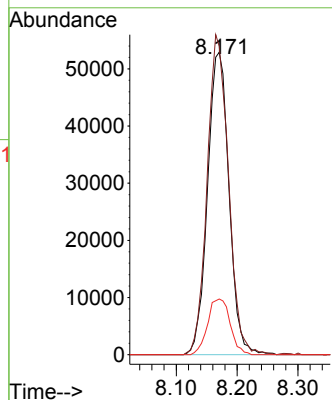
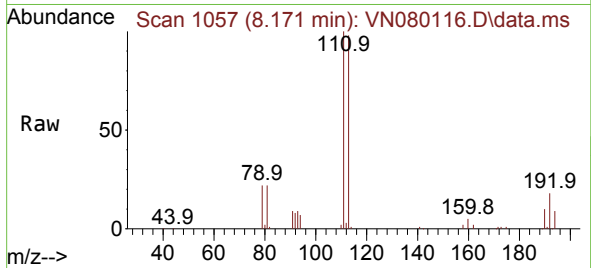




#35
Dibromofluoromethane
Concen: 46.791 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

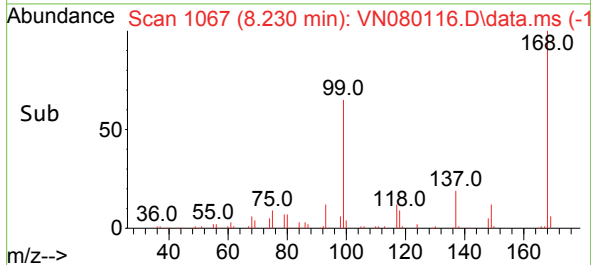
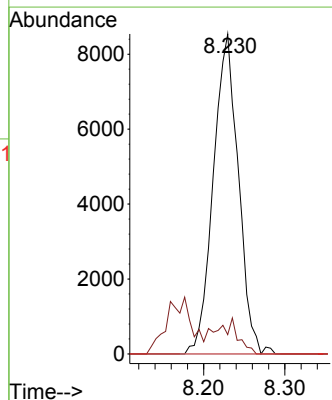
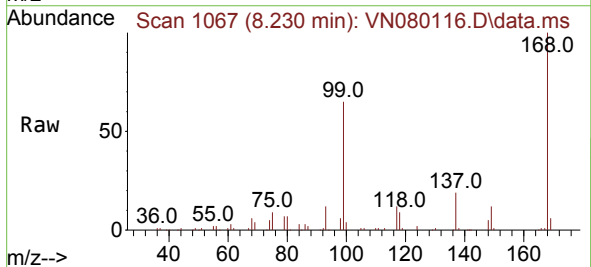
Instrument :
MSVOA_N
ClientSampleId :

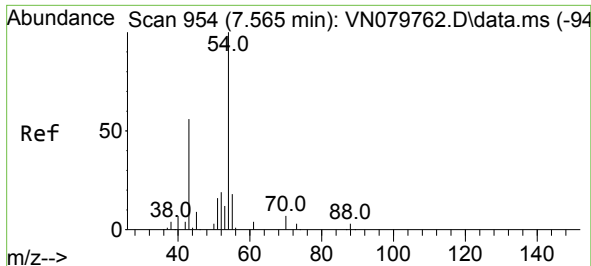
Tgt Ion:113 Resp: 129801
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 19.3 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 75 Resp: 18334
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#

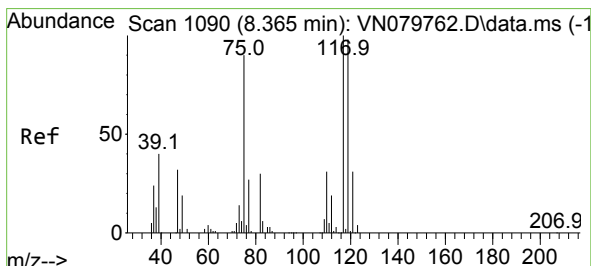
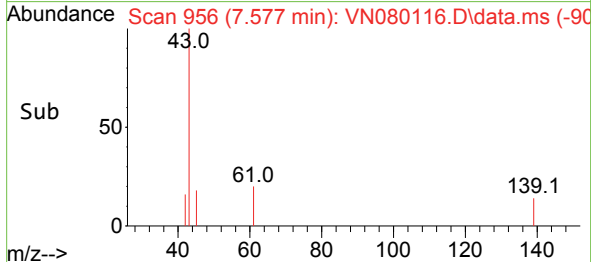
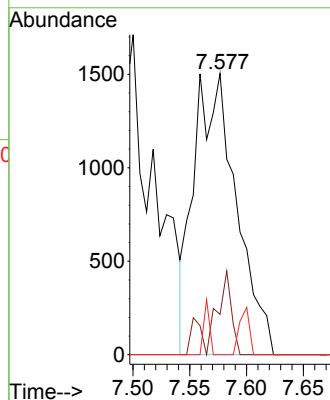
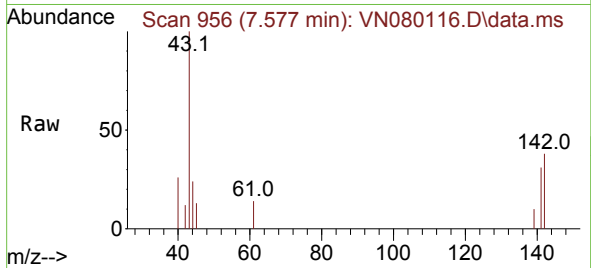




#37
Ethyl Acetate
Concen: 1.073 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

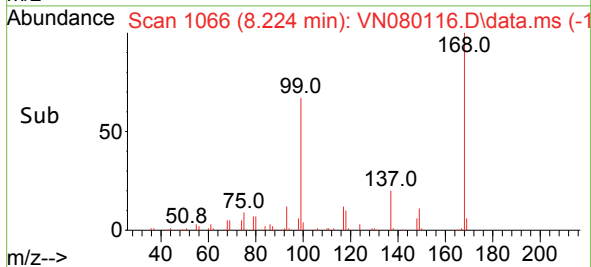
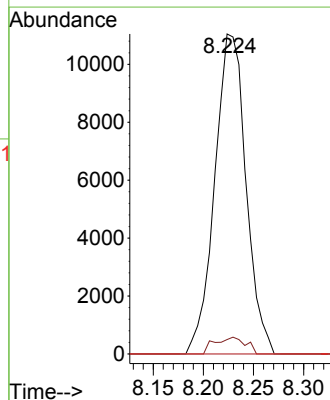
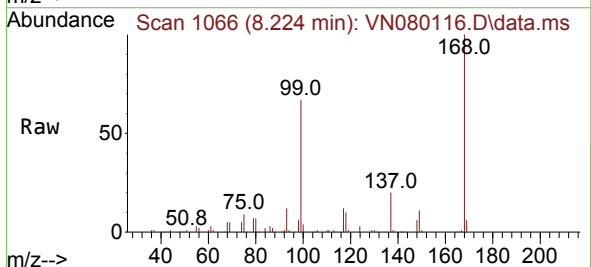
Instrument :
MSVOA_N
ClientSampleId :

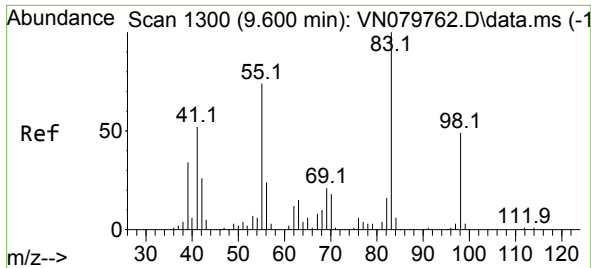
Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.7	13.2	19.8#
70	2.7	11.3	16.9#



#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

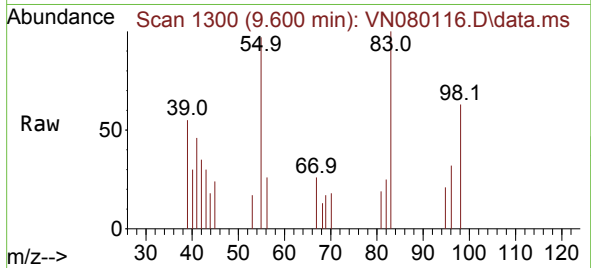
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.3	115.9#
121	0.0	23.3	34.9#



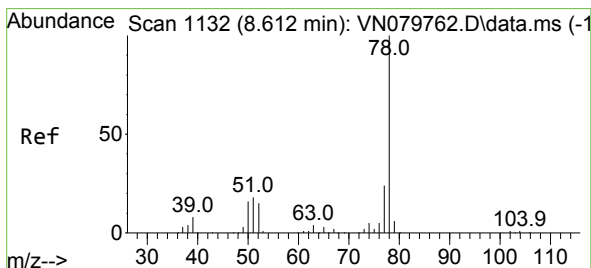
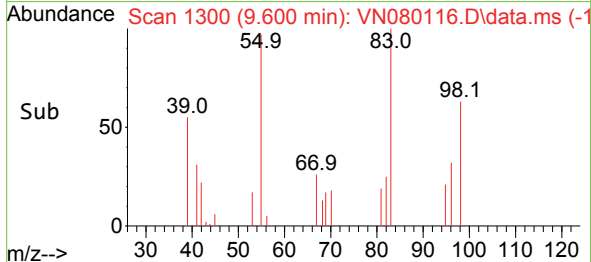
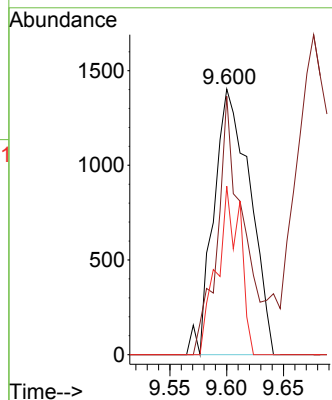


#39
Methylcyclohexane
Concen: 0.837 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :

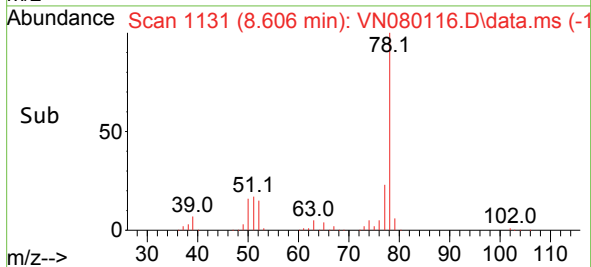
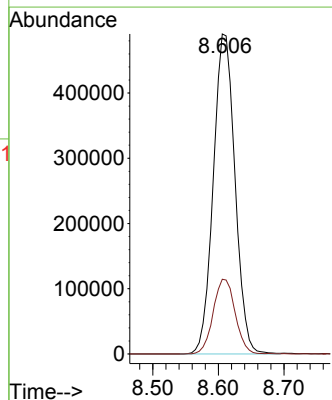
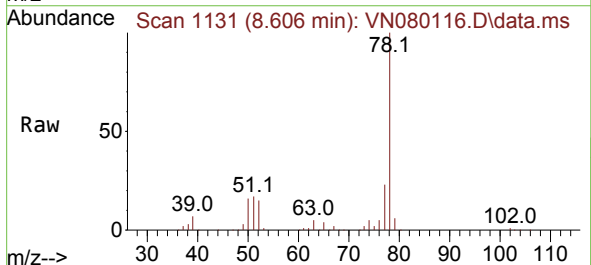


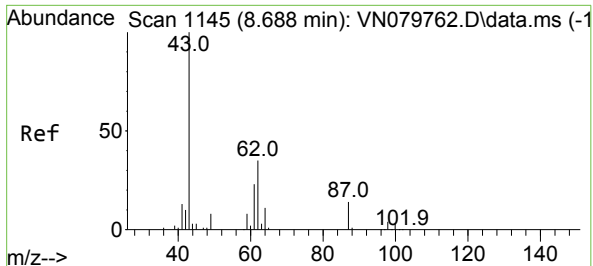
Tgt Ion: 83 Resp: 3119
Ion Ratio Lower Upper
83 100
55 97.3 49.1 73.7#
98 63.4 40.6 61.0#



#40
Benzene
Concen: 94.941 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 78 Resp: 1126336
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

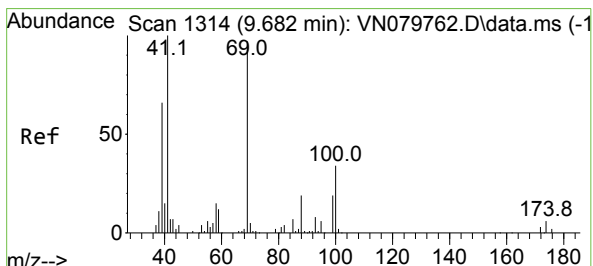
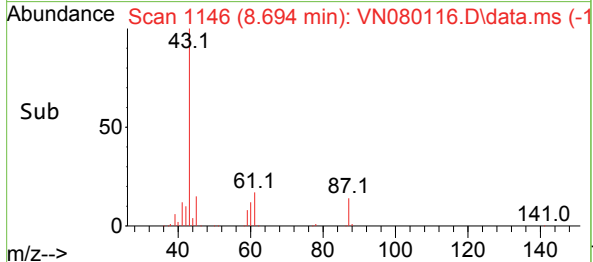
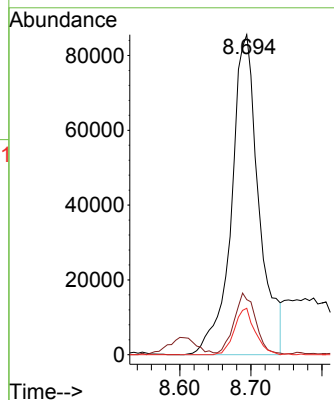
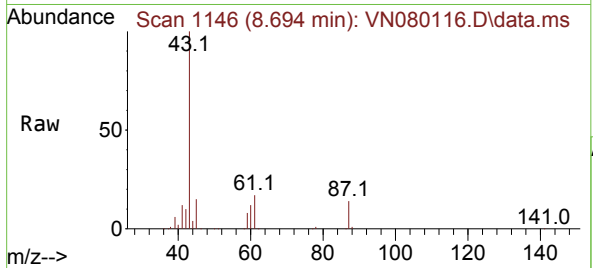




#43
Isopropyl Acetate
Concen: 36.088 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

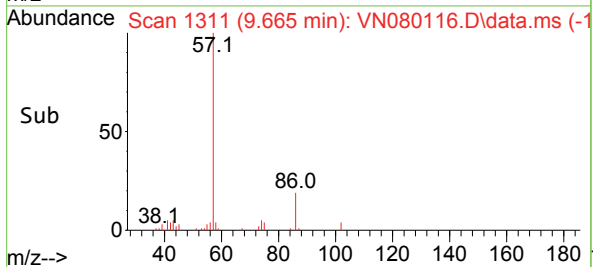
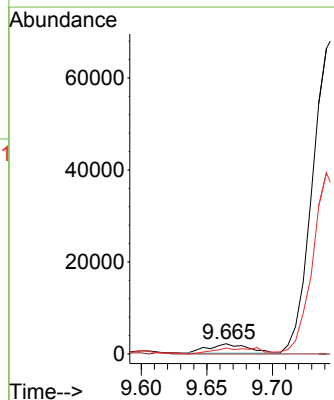
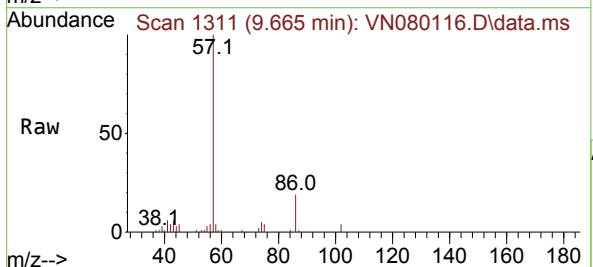
Instrument :
MSVOA_N
ClientSampleId :

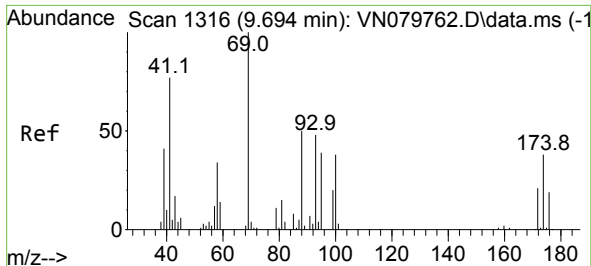
Tgt Ion: 43 Resp: 229900
Ion Ratio Lower Upper
43 100
61 14.9 24.7 37.1#
87 11.0 14.6 21.8#



#48
Methyl methacrylate
Concen: 1.449 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

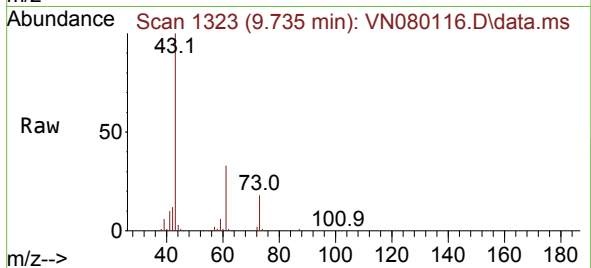
Tgt Ion: 41 Resp: 4042
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 0.0 54.6 81.8#



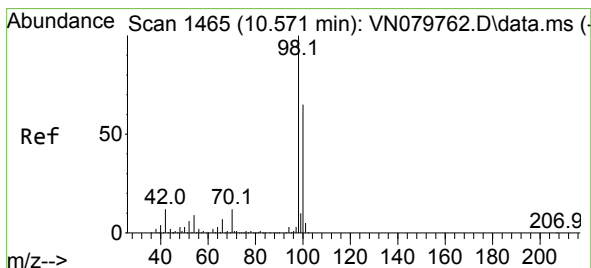
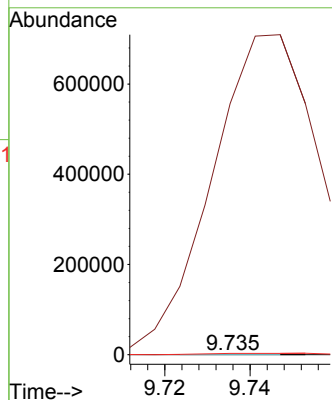
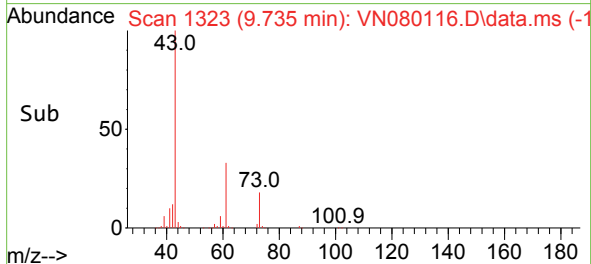


#49
1,4-Dioxane
Concen: 1.095 ug/l
RT: 9.735 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :

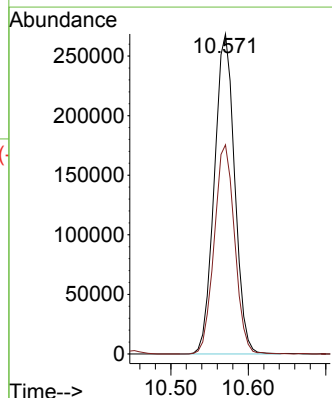
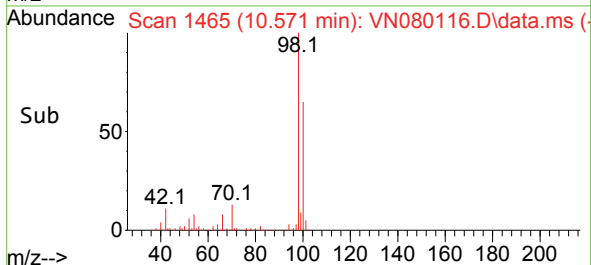
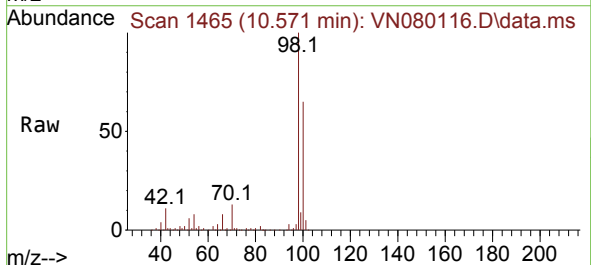


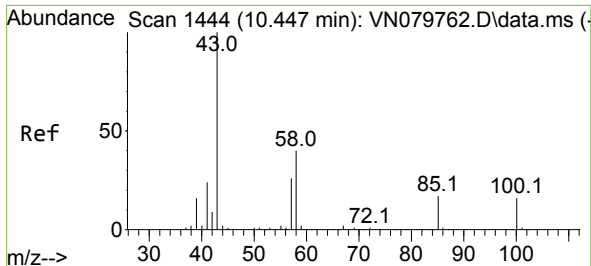
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 2434611.1 17.0 25.6#
58 11340.7 47.0 70.4#



#50
Toluene-d8
Concen: 47.834 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 98 Resp: 488505
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 8.986 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

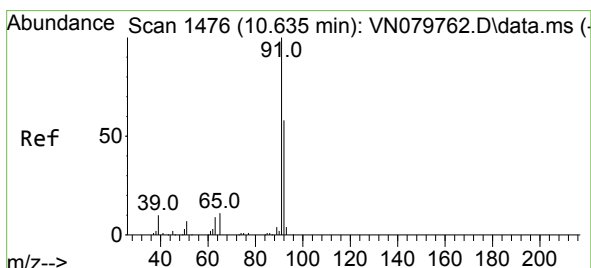
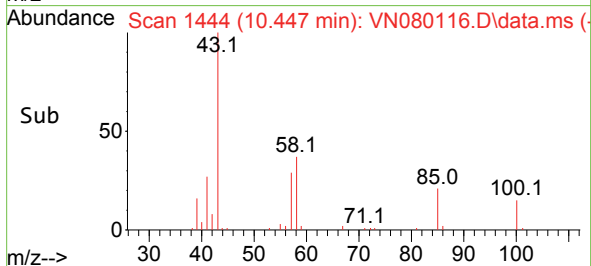
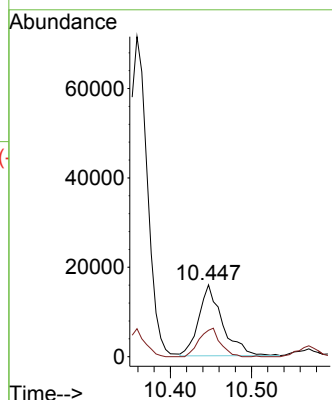
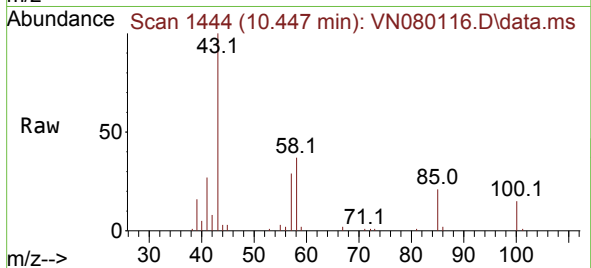
ClientSampleId :

Tgt Ion: 43 Resp: 32228

Ion Ratio Lower Upper

43 100

58 35.4 36.6 54.8#



#52

Toluene

Concen: 148.602 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN080116.D

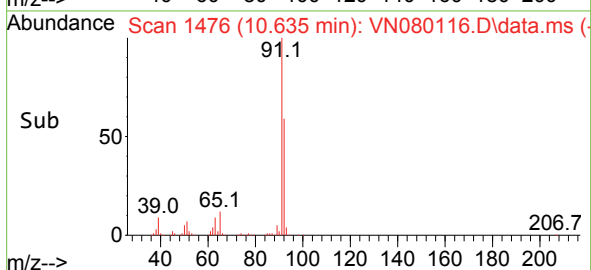
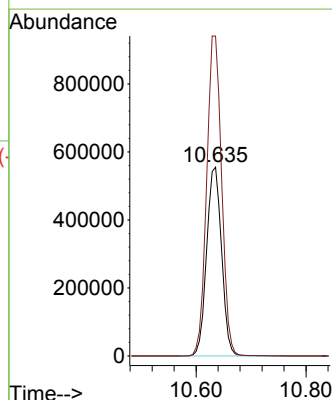
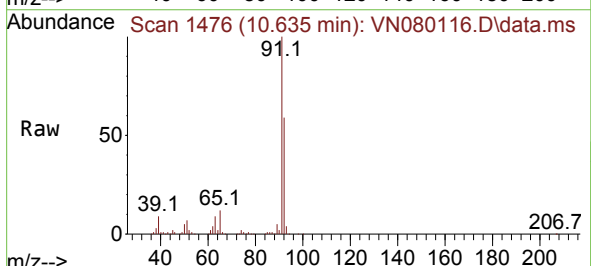
Acq: 15 Nov 2023 17:29

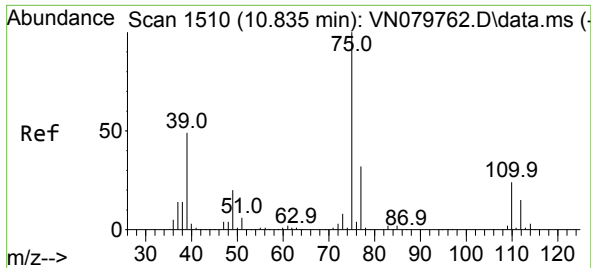
Tgt Ion: 92 Resp: 1045150

Ion Ratio Lower Upper

92 100

91 169.8 137.4 206.0

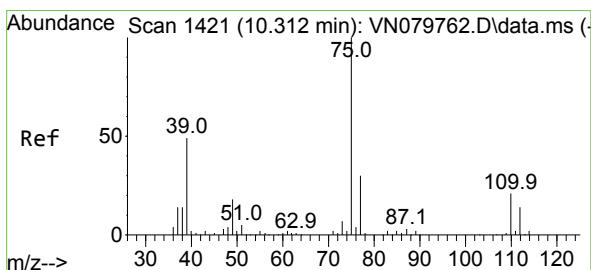
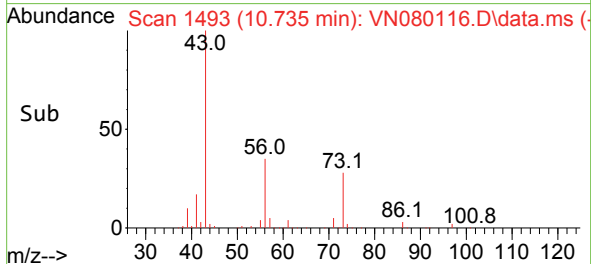
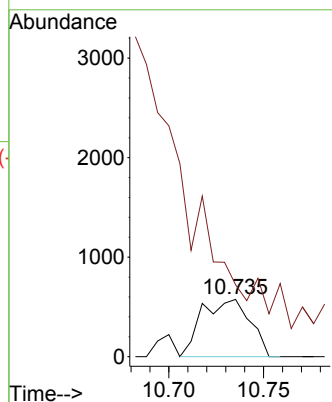
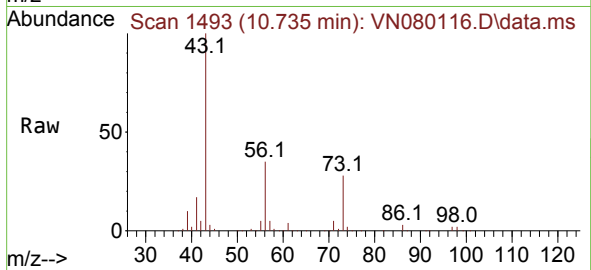




#53
 t-1,3-Dichloropropene
 Concen: 0.236 ug/l
 RT: 10.735 min Scan# 1493
 Delta R.T. -0.106 min
 Lab File: VN080116.D
 Acq: 15 Nov 2023 17:29

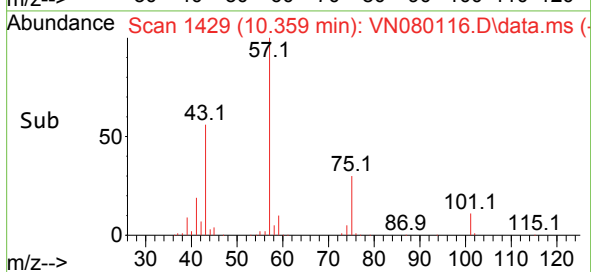
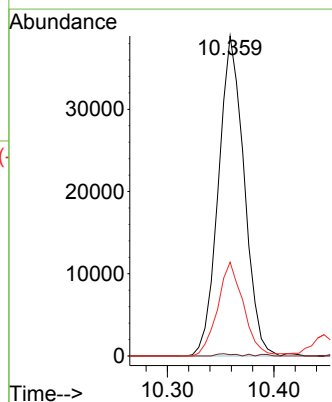
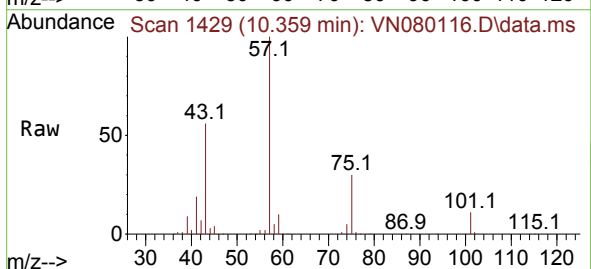
Instrument :
 MSVOA_N
 ClientSampleId :

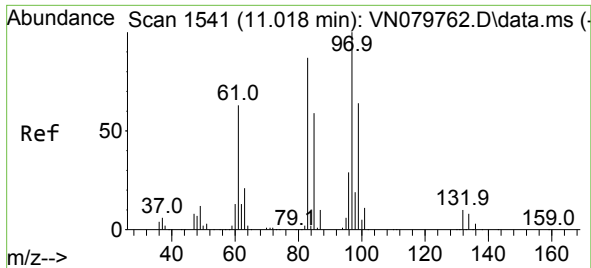
Tgt Ion: 75 Resp: 1022
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 13.792 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080116.D
 Acq: 15 Nov 2023 17:29

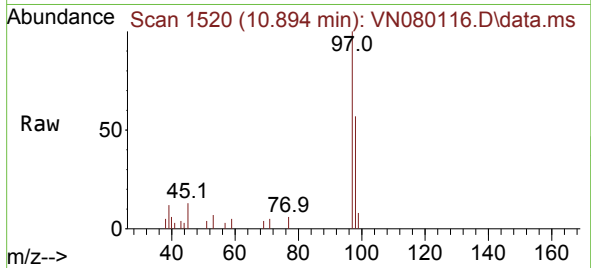
Tgt Ion: 75 Resp: 65064
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.1 39.1#
 39 29.3 31.6 47.4#



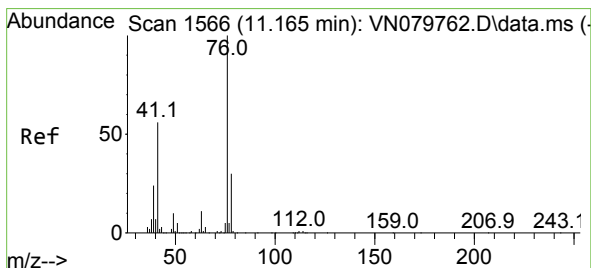
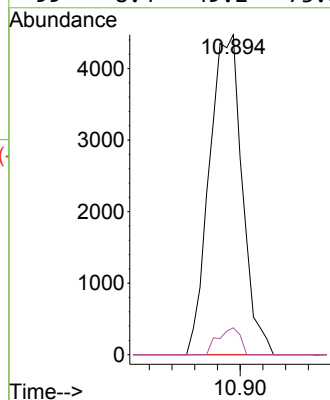
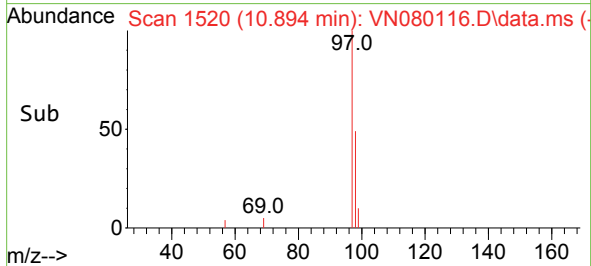


#55
 1,1,2-Trichloroethane
 Concen: 3.172 ug/l
 RT: 10.894 min Scan# 1572
 Delta R.T. -0.123 min
 Lab File: VN080116.D
 Acq: 15 Nov 2023 17:29

Instrument :
 MSVOA_N
 ClientSampleId :

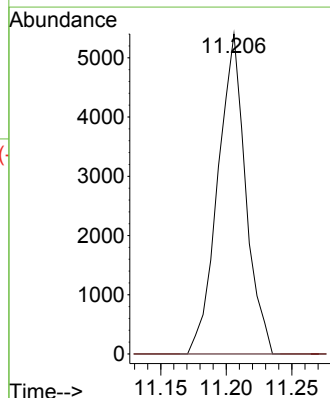
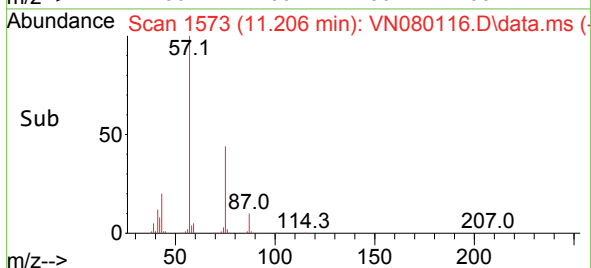
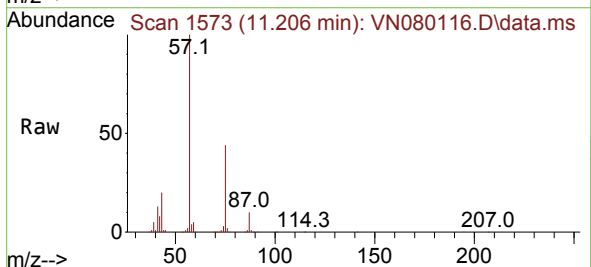


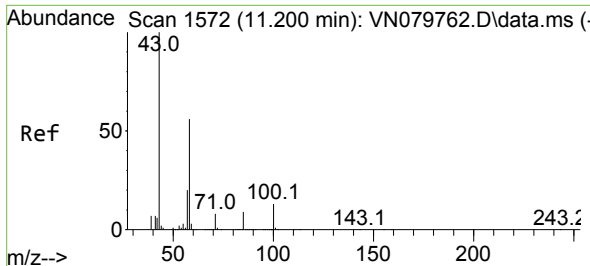
Tgt Ion: 97	Resp:	8972
Ion	Ratio	Lower Upper
97	100	
83	0.0	65.1 97.7#
85	0.0	43.4 65.2#
99	8.4	49.2 73.8#



#57
 1,3-Dichloropropane
 Concen: 1.603 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.041 min
 Lab File: VN080116.D
 Acq: 15 Nov 2023 17:29

Tgt Ion: 76	Resp:	7993
Ion	Ratio	Lower Upper
76	100	
78	0.0	26.1 39.1#

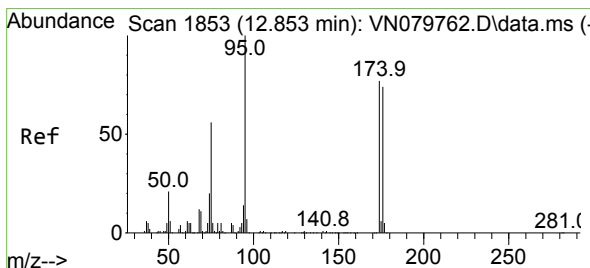
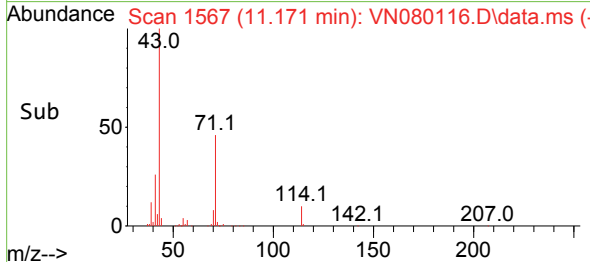
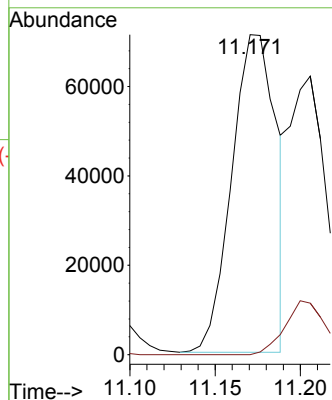
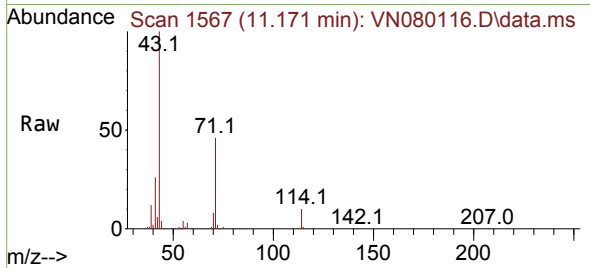




#59
2-Hexanone
Concen: 47.167 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

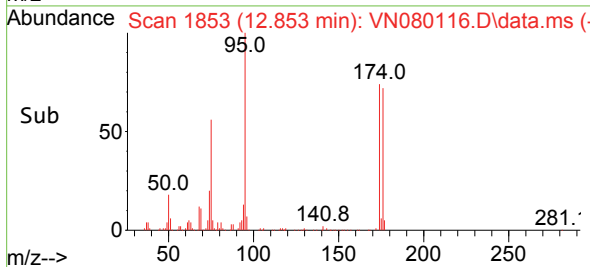
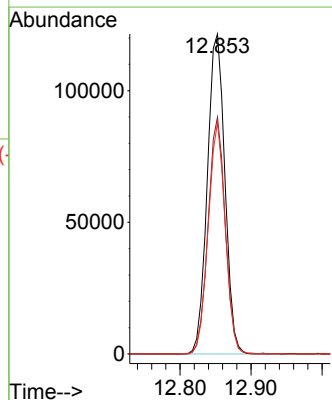
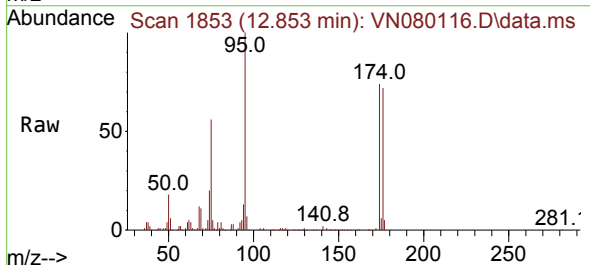
Instrument :
MSVOA_N
ClientSampleId :

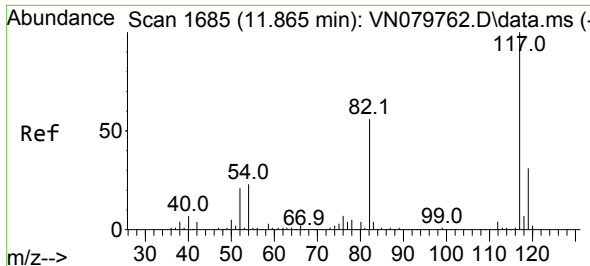
Tgt Ion: 43 Resp: 129414
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 61.629 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 95 Resp: 208733
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 70.0 0.0 135.8

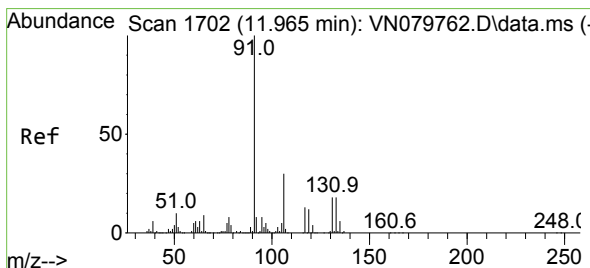
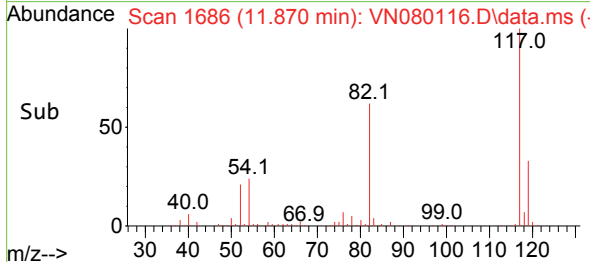
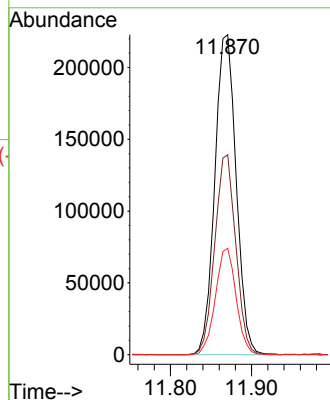
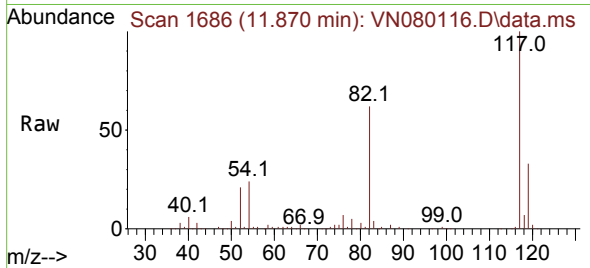




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

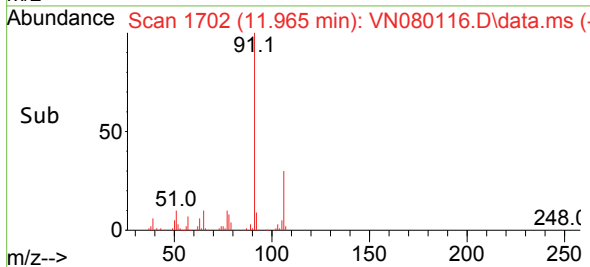
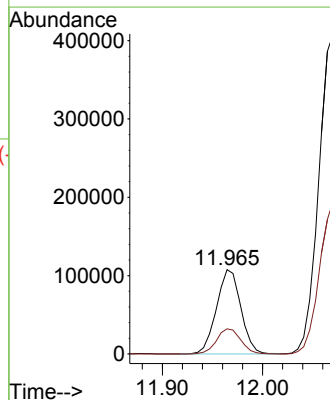
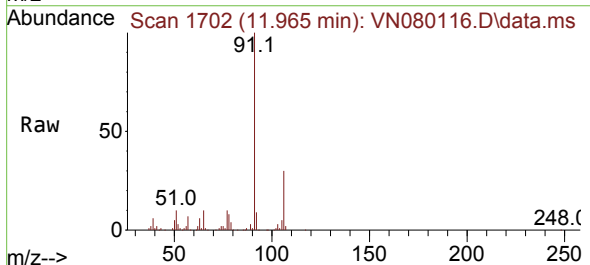
Instrument :
MSVOA_N
ClientSampleId :

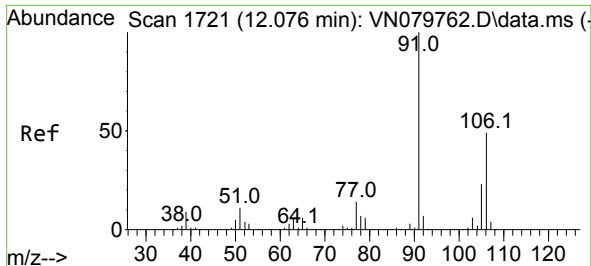
Tgt Ion:117 Resp: 407697
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 33.2 25.6 38.4



#67
Ethyl Benzene
Concen: 11.769 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 91 Resp: 181339
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

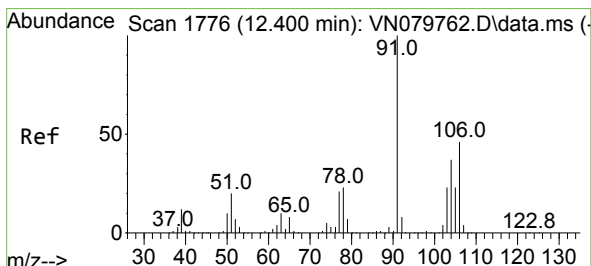
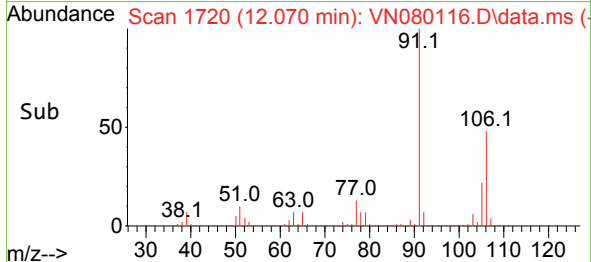
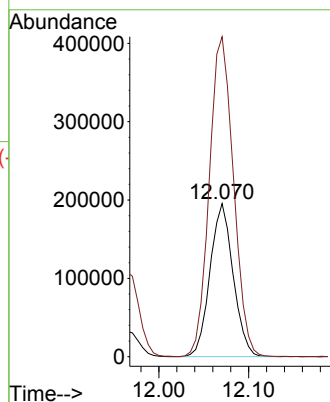
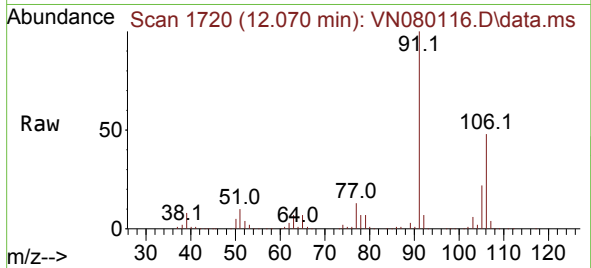




#68
m/p-Xylenes
Concen: 60.984 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

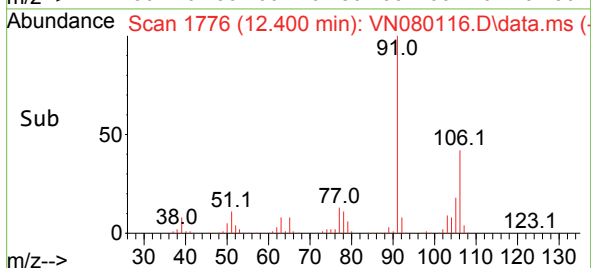
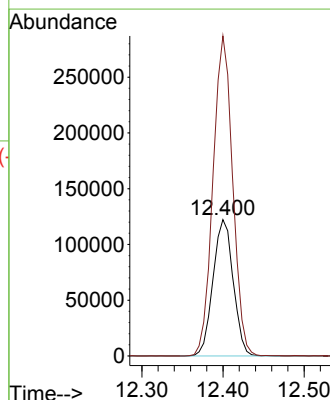
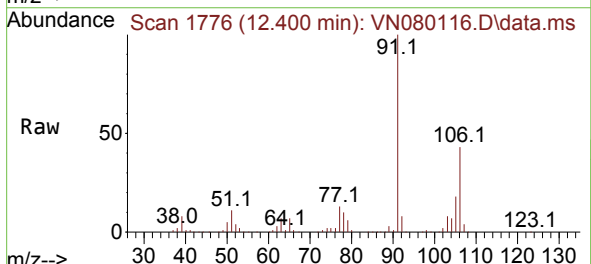
Instrument :
MSVOA_N
ClientSampleId :

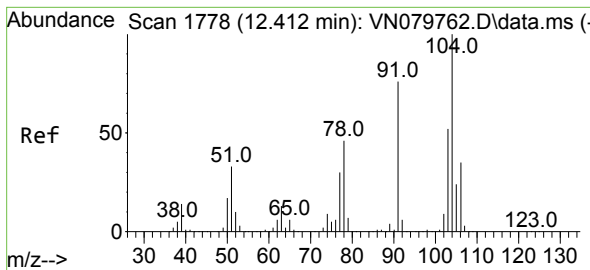
Tgt Ion:106 Resp: 350034
Ion Ratio Lower Upper
106 100
91 218.5 159.6 239.4



#69
o-Xylene
Concen: 38.225 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion:106 Resp: 211270
Ion Ratio Lower Upper
106 100
91 229.0 105.2 315.5





#70

Styrene

Concen: 7.292 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

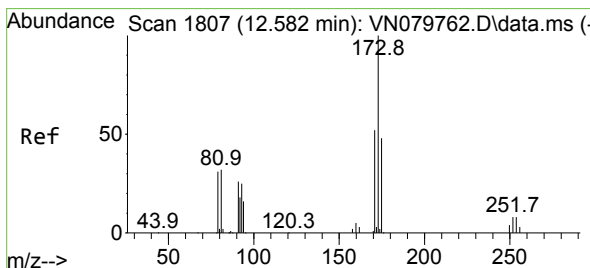
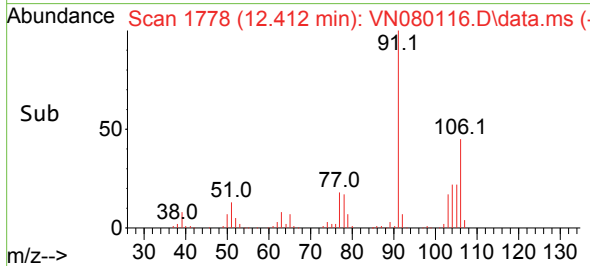
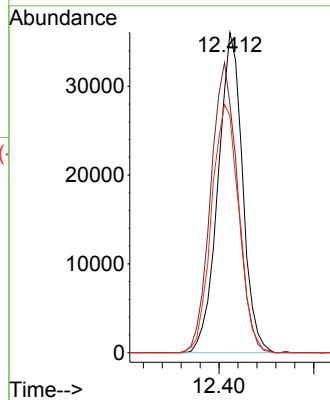
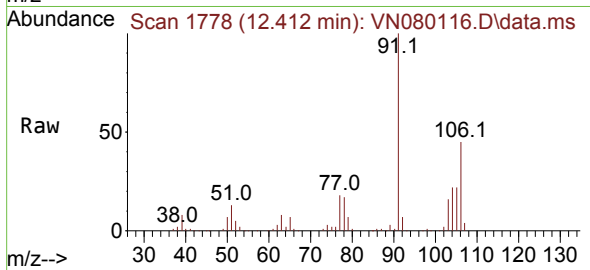
Tgt Ion:104 Resp: 64772

Ion Ratio Lower Upper

104 100

78 99.1 39.5 59.3#

103 87.1 43.2 64.8#



#71

Bromoform

Concen: 0.324 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

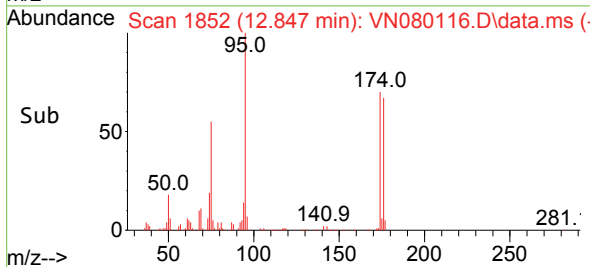
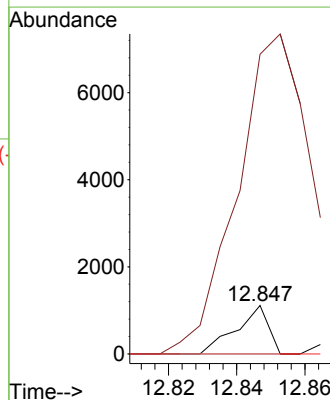
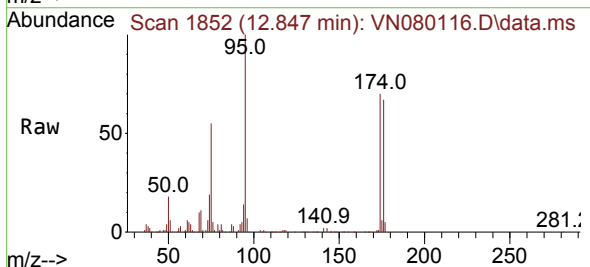
Tgt Ion:173 Resp: 733

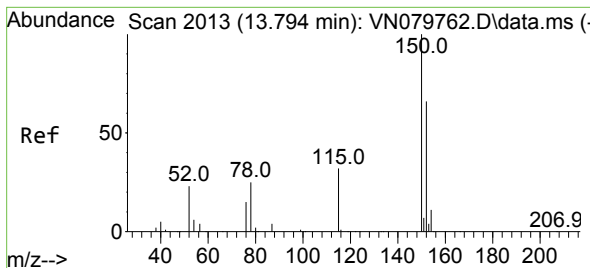
Ion Ratio Lower Upper

173 100

175 1304.8 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

ClientSampleId :

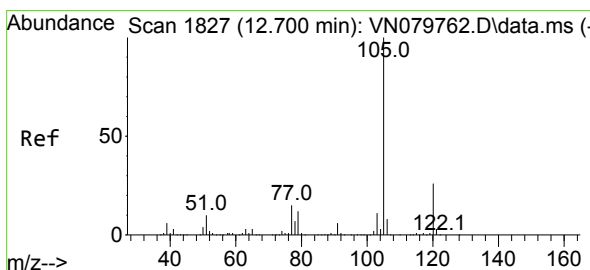
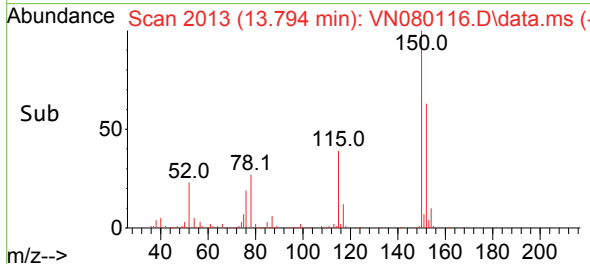
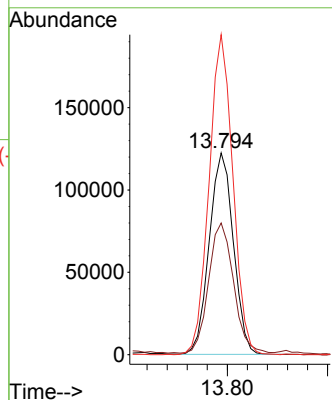
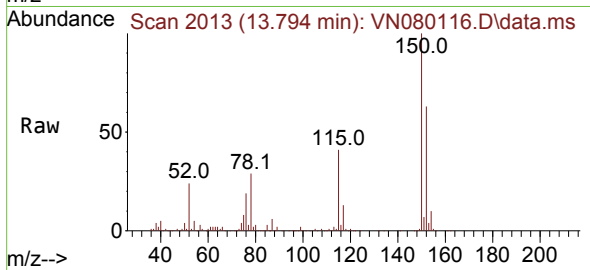
Tgt Ion:152 Resp: 204441

Ion Ratio Lower Upper

152 100

115 67.5 32.3 96.8

150 156.4 0.0 355.8



#73

Isopropylbenzene

Concen: 0.714 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN080116.D

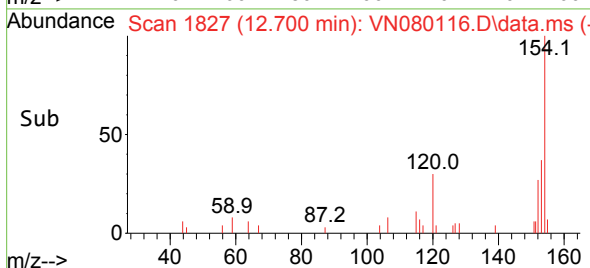
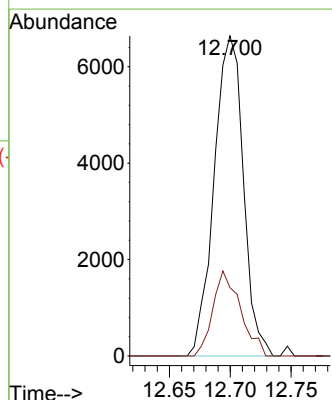
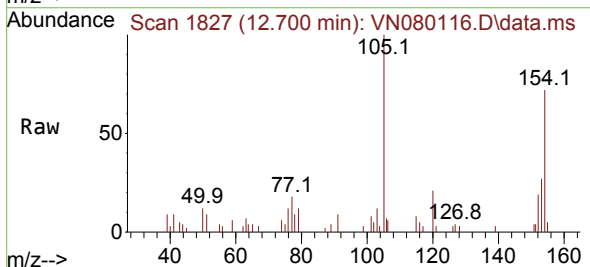
Acq: 15 Nov 2023 17:29

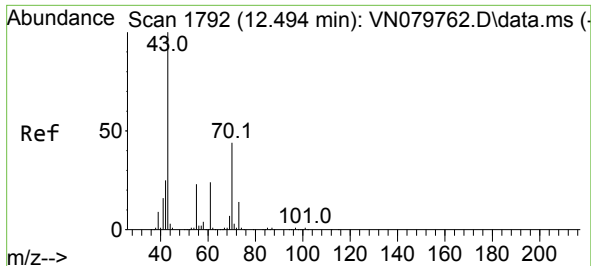
Tgt Ion:105 Resp: 11084

Ion Ratio Lower Upper

105 100

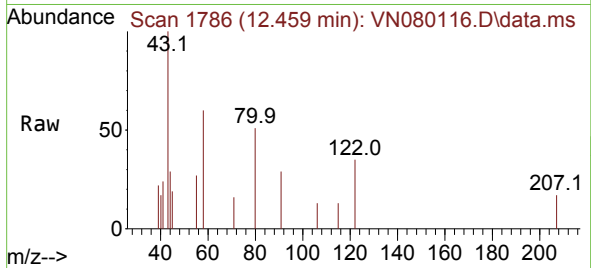
120 25.1 13.1 39.1



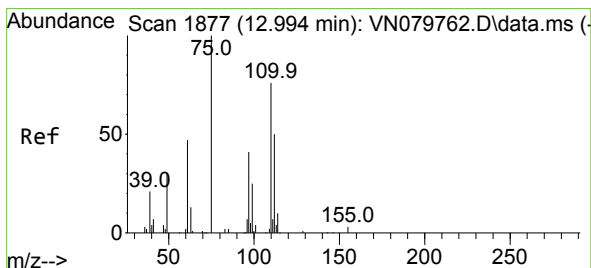
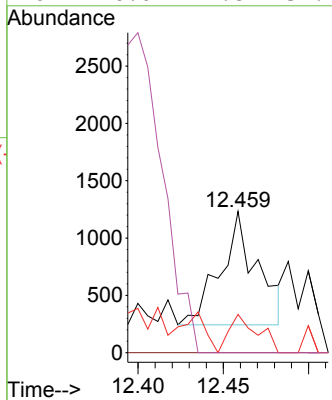
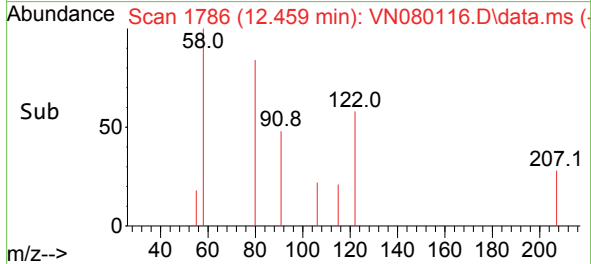


#74
N-amy1 acetate
Concen: 0.220 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :

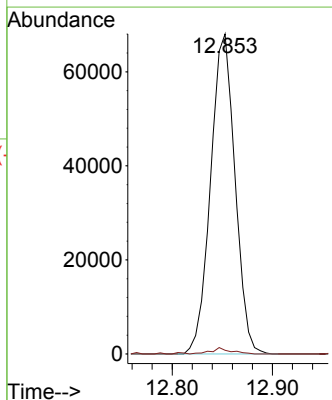
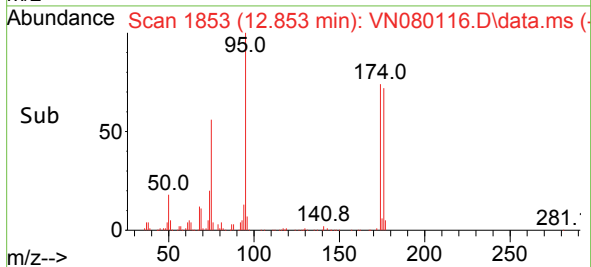
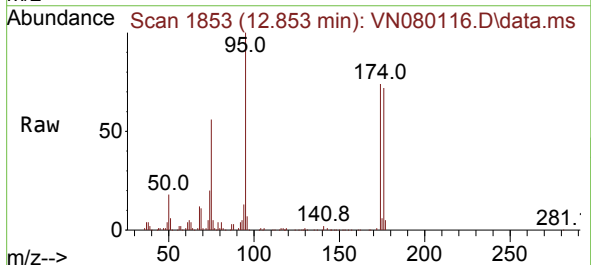


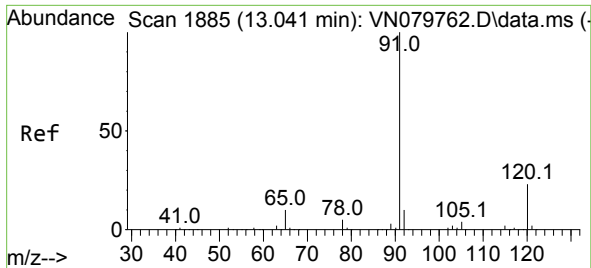
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 26.1 21.4 32.0
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 23.986 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 75 Resp: 115126
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#

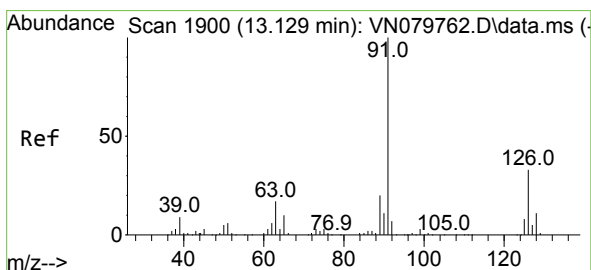
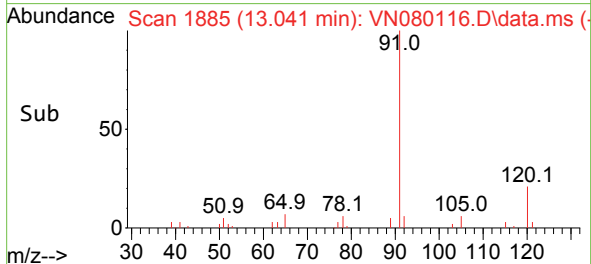
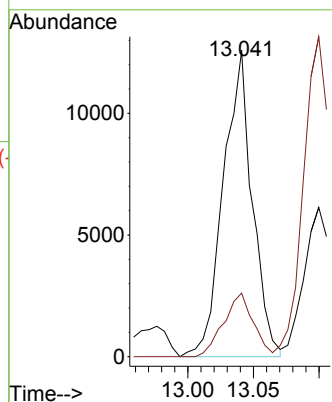
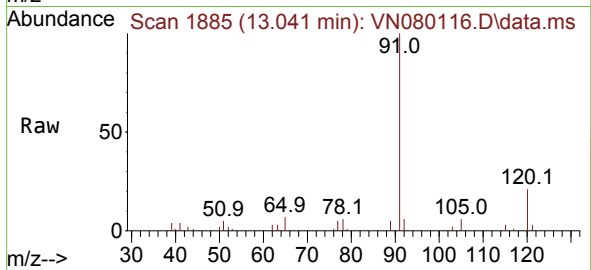




#78
n-propylbenzene
Concen: 1.087 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

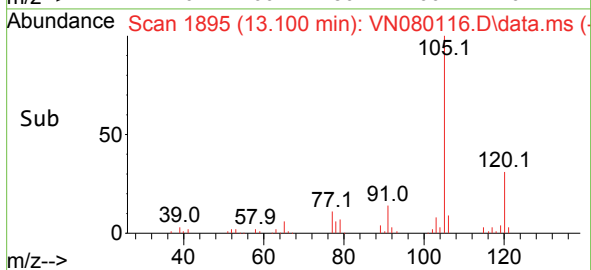
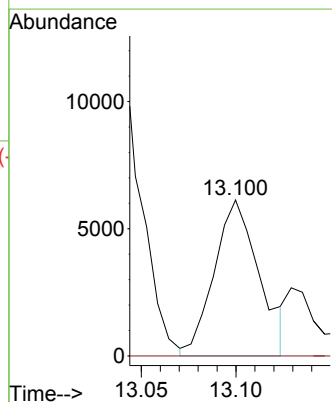
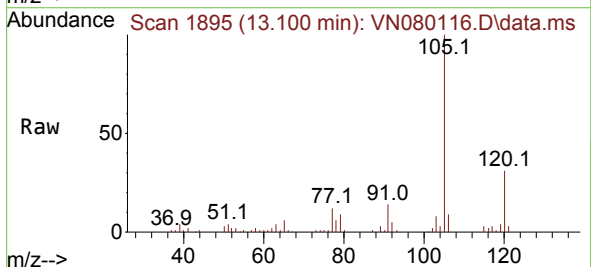
Instrument :
MSVOA_N
ClientSampleId :

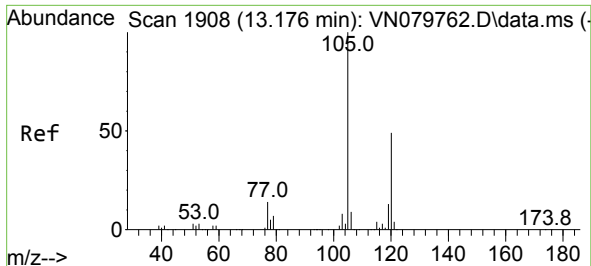
Tgt Ion: 91 Resp: 19321
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.889 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.029 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 91 Resp: 10091
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

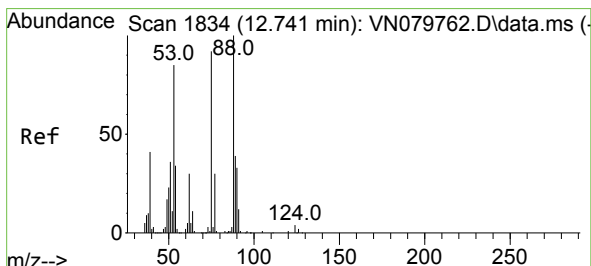
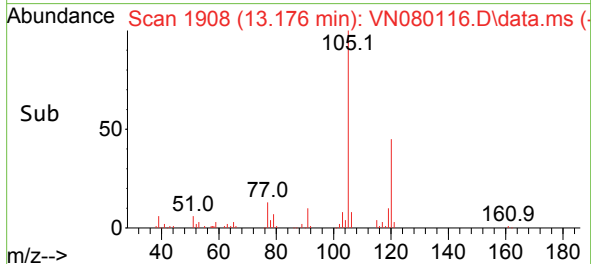
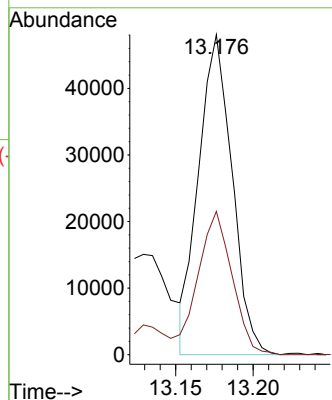
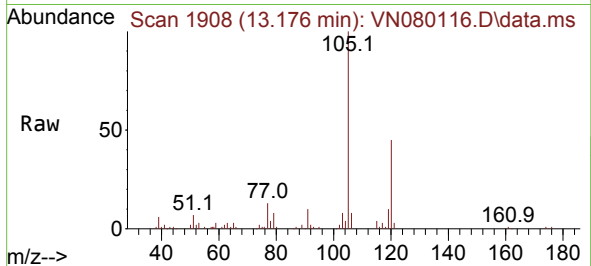




#80
1,3,5-Trimethylbenzene
Concen: 5.973 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

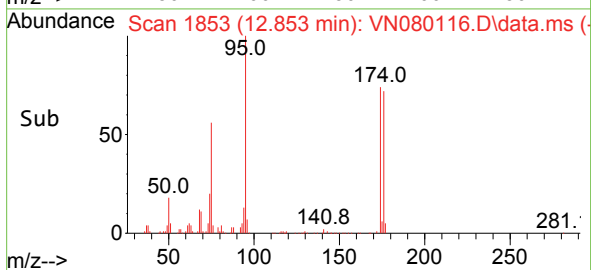
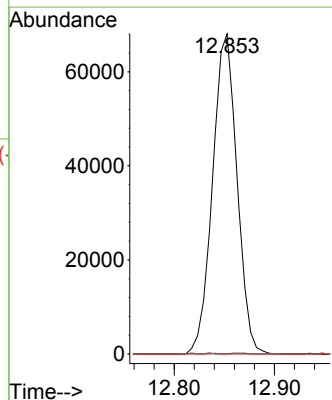
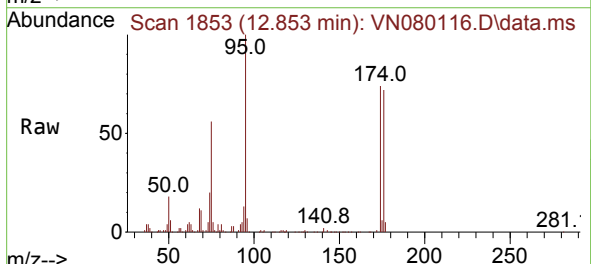
Instrument :
MSVOA_N
ClientSampleId :

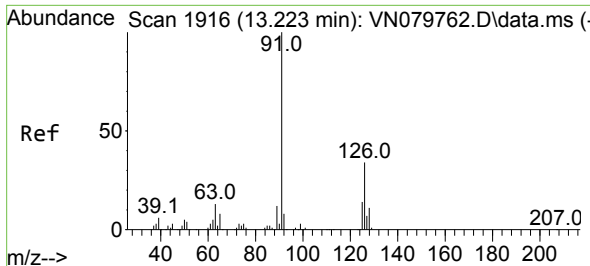
Tgt Ion:105 Resp: 72105
Ion Ratio Lower Upper
105 100
120 46.0 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 65.261 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 75 Resp: 115126
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

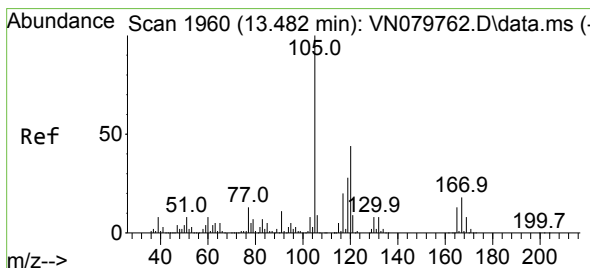
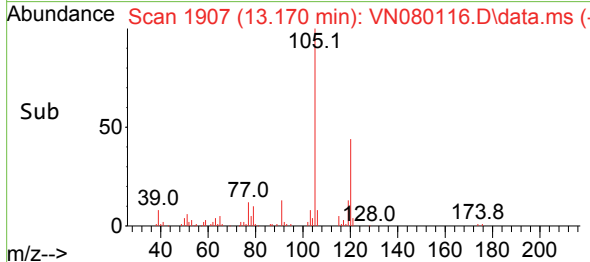
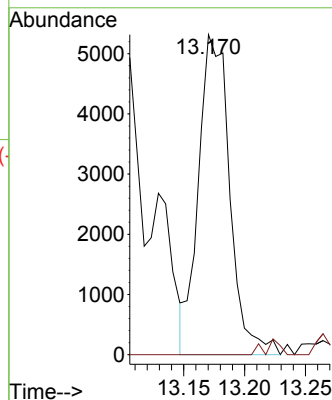
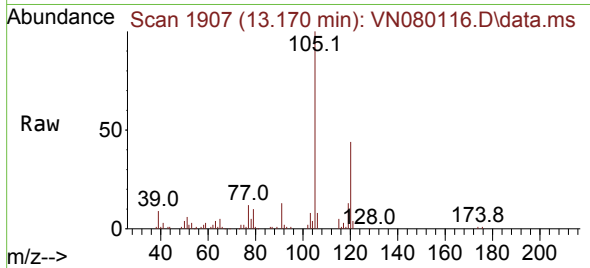




#82
4-Chlorotoluene
Concen: 0.840 ug/l
RT: 13.170 min Scan# 1916
Delta R.T. -0.053 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

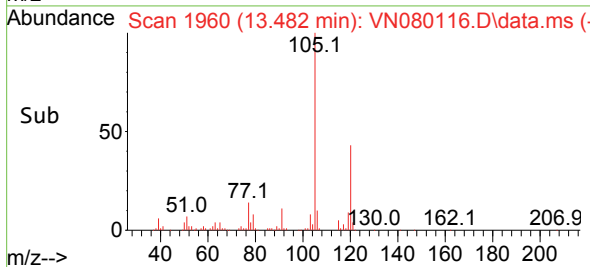
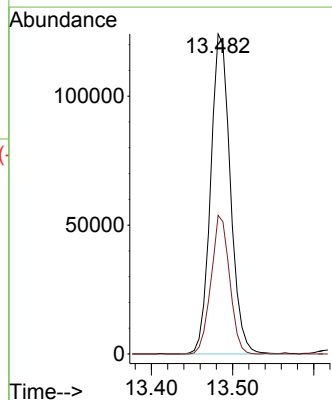
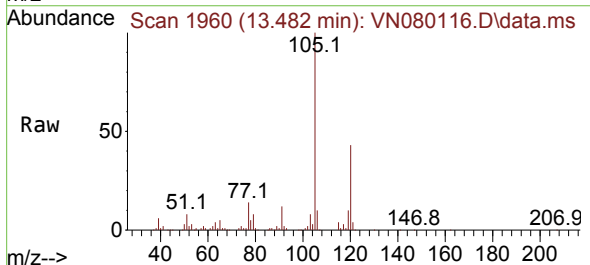
Instrument :
MSVOA_N
ClientSampleId :

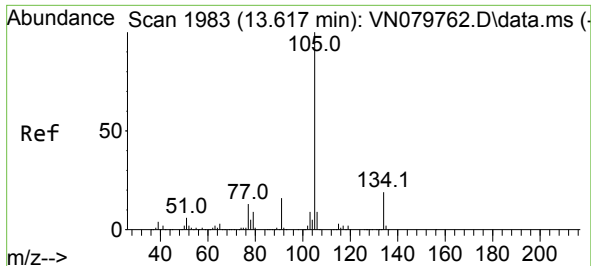
Tgt Ion: 91 Resp: 9472
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#



#84
1,2,4-Trimethylbenzene
Concen: 17.615 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Tgt Ion: 105 Resp: 209211
Ion Ratio Lower Upper
105 100
120 40.7 22.0 66.0

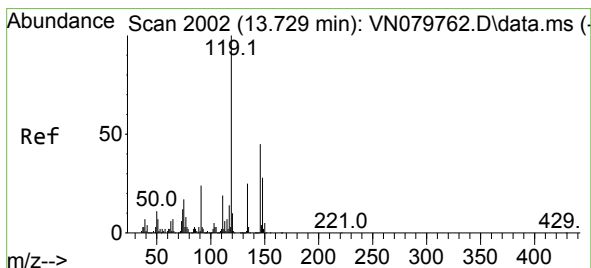
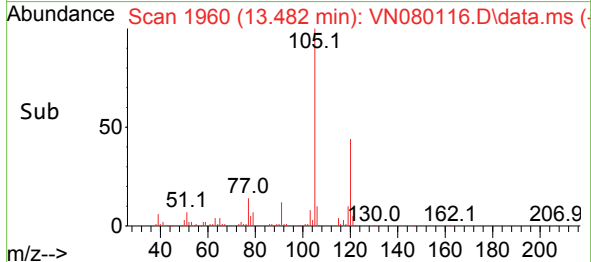
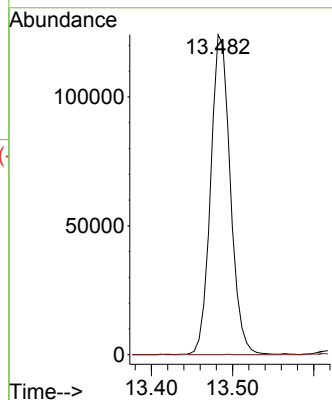
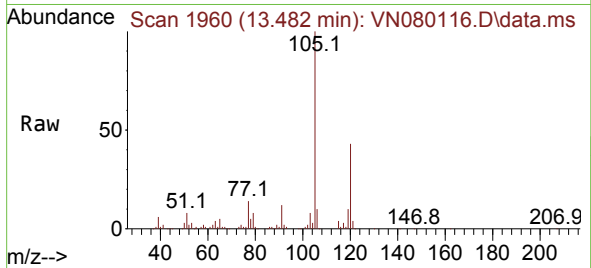




#85
 sec-Butylbenzene
 Concen: 15.282 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.135 min
 Lab File: VN080116.D
 Acq: 15 Nov 2023 17:29

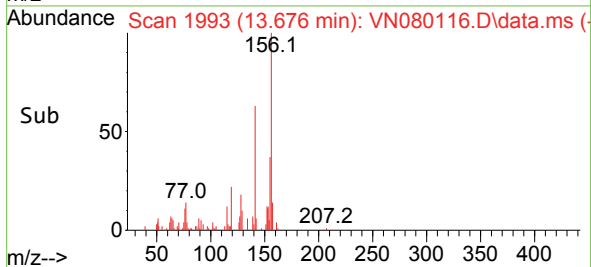
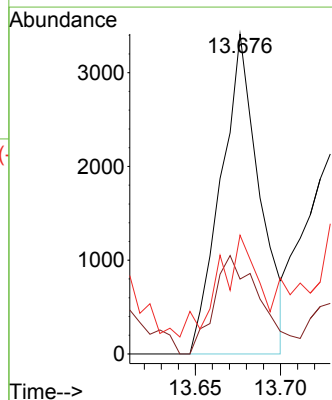
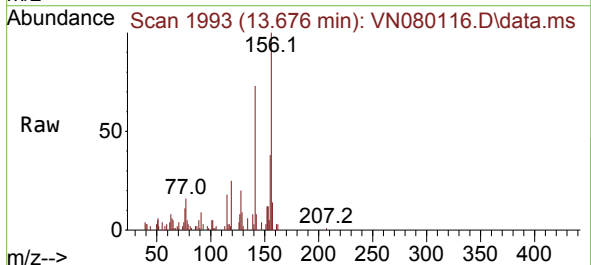
Instrument :
 MSVOA_N
 ClientSampleId :

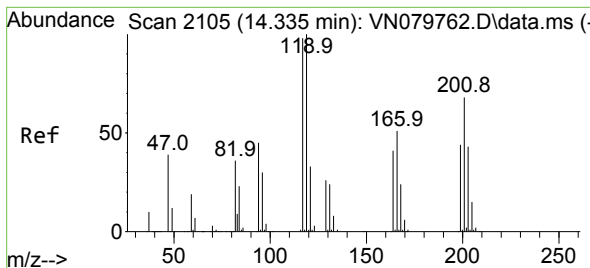
Tgt Ion:105 Resp: 209211
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.482 ug/l
 RT: 13.676 min Scan# 1993
 Delta R.T. -0.053 min
 Lab File: VN080116.D
 Acq: 15 Nov 2023 17:29

Tgt Ion:119 Resp: 5381
 Ion Ratio Lower Upper
 119 100
 134 37.8 12.6 37.8
 91 31.4 12.4 37.2





#90

Hexachloroethane

Concen: 0.889 ug/l

RT: 14.323 min Scan# 2105

Delta R.T. -0.012 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

Instrument :

MSVOA_N

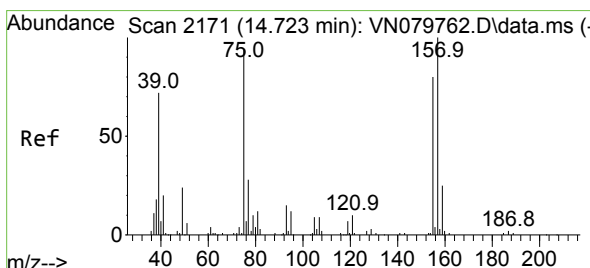
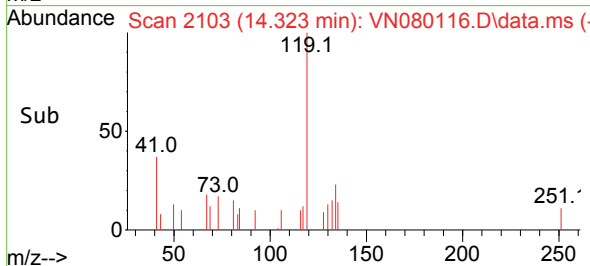
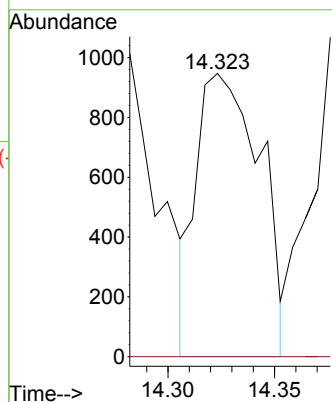
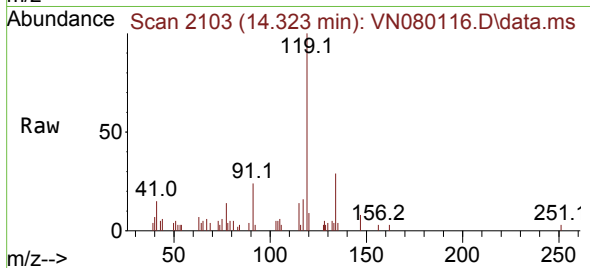
ClientSampleId :

Tgt Ion:117 Resp: 1966

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.464 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN080116.D

Acq: 15 Nov 2023 17:29

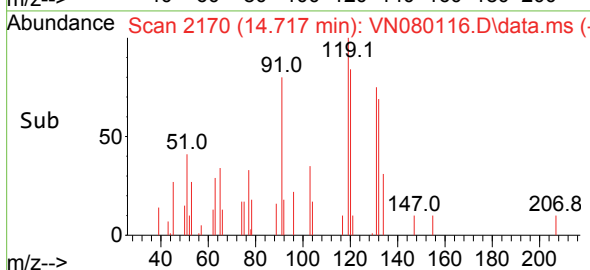
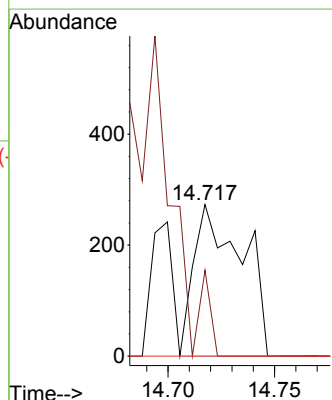
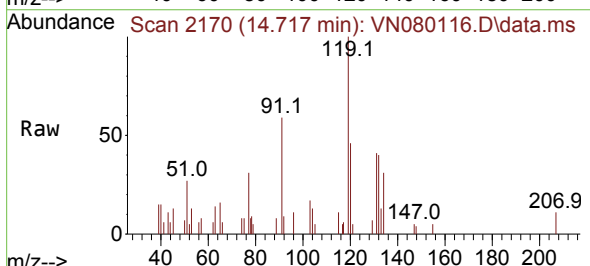
Tgt Ion: 75 Resp: 433

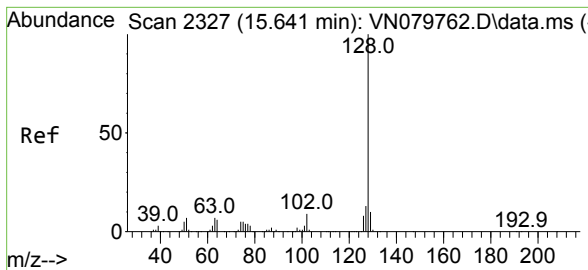
Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

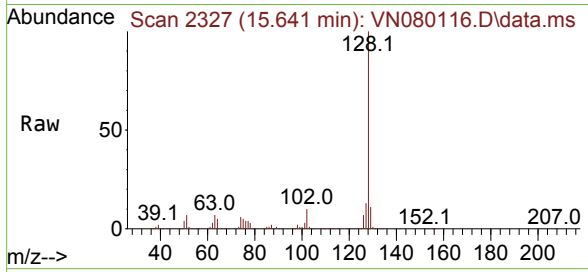
157 0.0 50.3 150.9#





#95
Naphthalene
Concen: 283.013 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN080116.D
Acq: 15 Nov 2023 17:29

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 3044340
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.0 8.7 13.1

