

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077818.D
 Acq On : 23 May 2023 15:54
 Operator : JC\MD
 Sample : 02884-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2005

Quant Time: May 24 02:55:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	378039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	610127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	237940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	254294	44.957	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.920%		
35) Dibromofluoromethane	8.177	113	218352	48.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.200%		
50) Toluene-d8	10.570	98	840478	48.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.220%		
62) 4-Bromofluorobenzene	12.853	95	291925	47.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1756	Below Cal		99
8) Diethyl Ether	3.971	74	3866	1.401	ug/l	68
11) Tert butyl alcohol	5.530	59	401074	513.775	ug/l	99
13) Acrolein	4.212	56	315	Below Cal	#	61
14) Allyl chloride	4.959	41	8858	1.516	ug/l	# 36
15) Acrylonitrile	5.524	53	5305	2.544	ug/l	# 14
16) Acetone	4.447	43	52888	29.719	ug/l	92
17) Carbon Disulfide	4.724	76	48335	4.512	ug/l	# 94
19) Methyl tert-butyl Ether	5.800	73	13505	0.938	ug/l	92
20) Methylene Chloride	5.289	84	2192	Below Cal	#	77
25) 2-Butanone	7.500	43	13971	5.019	ug/l	88
29) Tetrahydrofuran	7.835	42	537	0.295	ug/l	# 20
31) Cyclohexane	8.224	56	12289	1.598	ug/l	# 62
36) 1,1-Dichloropropene	8.235	75	32389	4.929	ug/l	# 49
38) Carbon Tetrachloride	8.229	117	40129	6.048	ug/l	# 15
39) Methylcyclohexane	9.606	83	3205	0.398	ug/l	# 74
40) Benzene	8.612	78	566919	29.237	ug/l	97
42) 1,2-Dichloroethane	8.618	62	5451	0.774	ug/l	79
48) Methyl methacrylate	9.671	41	4128	0.910	ug/l	# 16
49) 1,4-Dioxane	9.712	88	147	1.716	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.459	43	18843	3.314	ug/l	90
52) Toluene	10.635	92	321019	26.593	ug/l	97
59) 2-Hexanone	11.200	43	3631	0.863	ug/l	68
65) Chlorobenzene	11.894	112	6827	0.516	ug/l	100
67) Ethyl Benzene	11.970	91	141173	5.956	ug/l	99
68) m/p-Xylenes	12.076	106	160571	17.878	ug/l	97
69) o-Xylene	12.406	106	69321	7.848	ug/l	97
70) Styrene	12.417	104	97759	6.967	ug/l	99
73) Isopropylbenzene	12.700	105	14678	0.716	ug/l	95
76) 1,2,3-Trichloropropane	12.859	75	151161	25.367	ug/l	# 1
78) n-propylbenzene	13.047	91	26218	1.084	ug/l	100
79) 2-Chlorotoluene	13.347	91	7528	0.522	ug/l	83
80) 1,3,5-Trimethylbenzene	13.176	105	49948	2.897	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.859	75	151161	81.087	ug/l	# 15
82) 4-Chlorotoluene	13.347	91	7528	0.524	ug/l	82
83) tert-Butylbenzene	13.676	119	5850	0.389	ug/l	73

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Sample : 02884-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

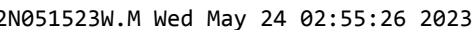
Instrument :
MSVOA_N
ClientSampleId :
2005

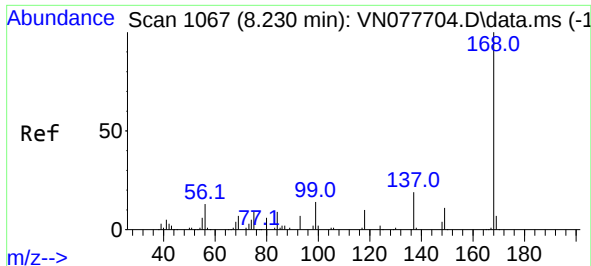
Quant Time: May 24 02:55:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.488	105	134908	7.957	ug/l	99
85) sec-Butylbenzene	13.488	105	134908	6.308	ug/l #	57
86) p-Isopropyltoluene	13.735	119	5687	0.334	ug/l	86
90) Hexachloroethane	14.329	117	1152	0.411	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.735	75	255	0.209	ug/l #	4
95) Naphthalene	15.647	128	556240	34.197	ug/l	99

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

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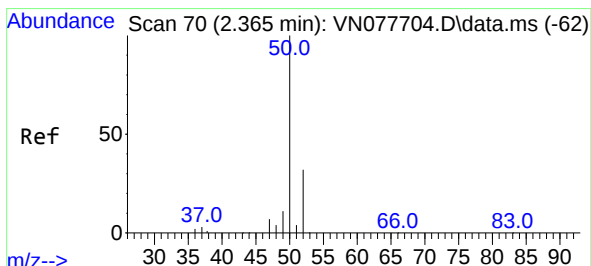
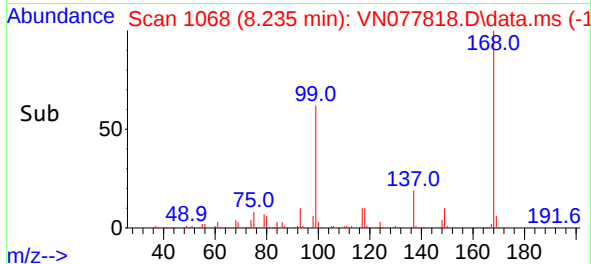
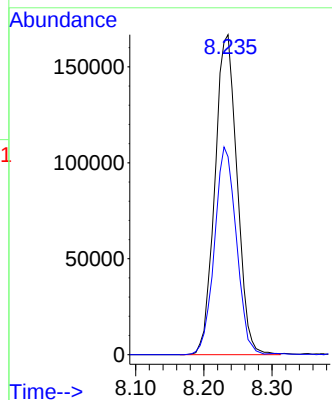
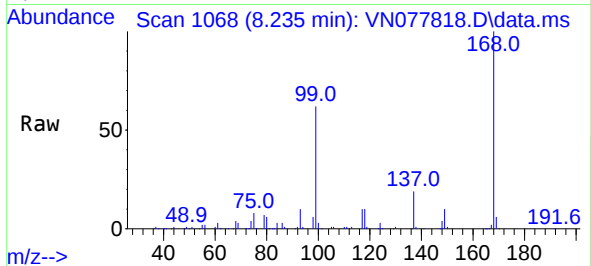




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

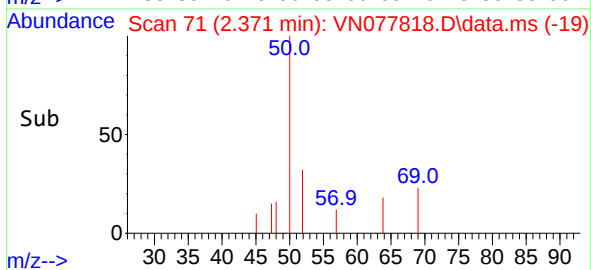
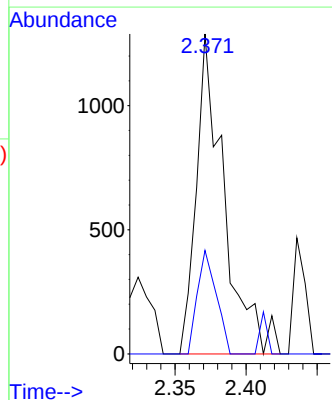
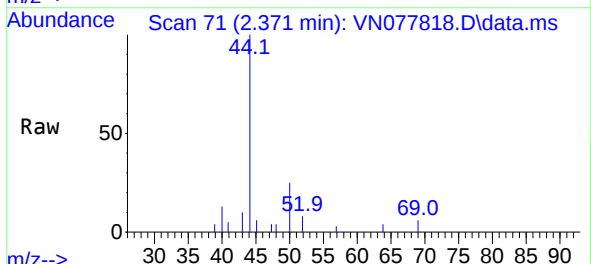
Instrument :
MSVOA_N
ClientSampleId :
2005

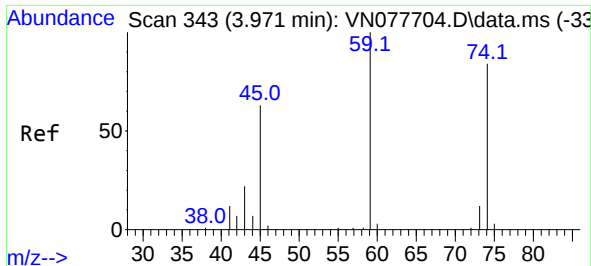
Tgt Ion:168 Resp: 378039
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 50 Resp: 1756
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

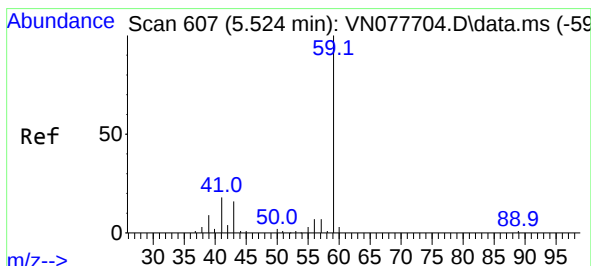
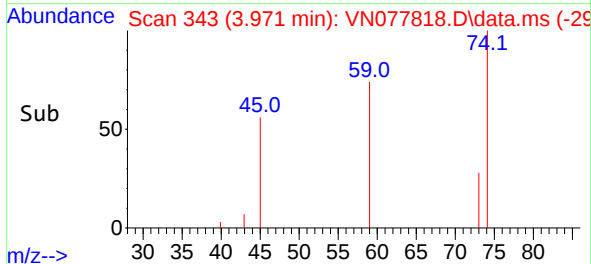
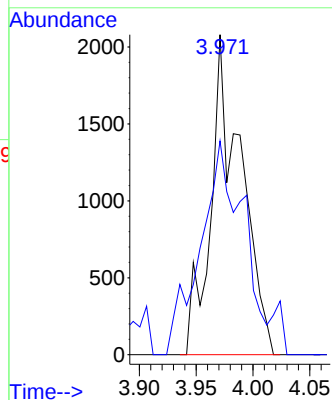
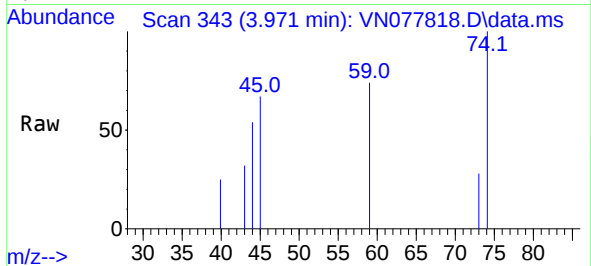




#8
Diethyl Ether
Concen: 1.401 ug/l
RT: 3.971 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

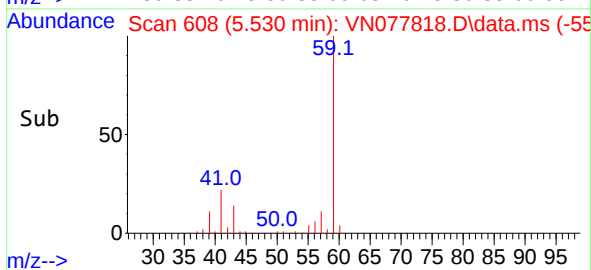
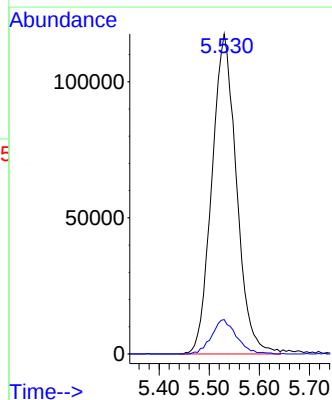
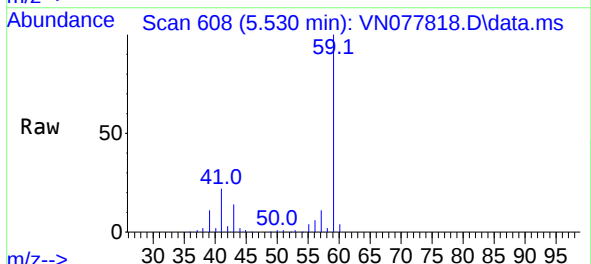
Instrument :
MSVOA_N
ClientSampleId :
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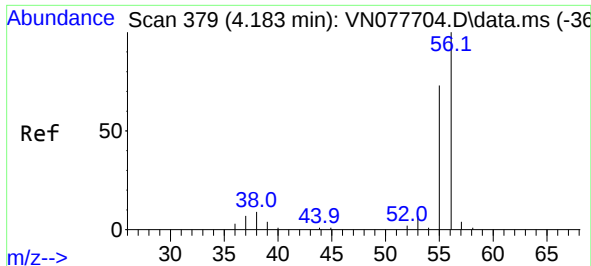
Tgt Ion: 74 Resp: 3866
Ion Ratio Lower Upper
74 100
45 94.9 34.4 103.3



#11
Tert butyl alcohol
Concen: 513.775 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 59 Resp: 401074
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4





#13

Acrolein

Concen: Below Cal

RT: 4.212 min Scan# 315

Delta R.T. 0.023 min

Lab File: VN077818.D

Acq: 23 May 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

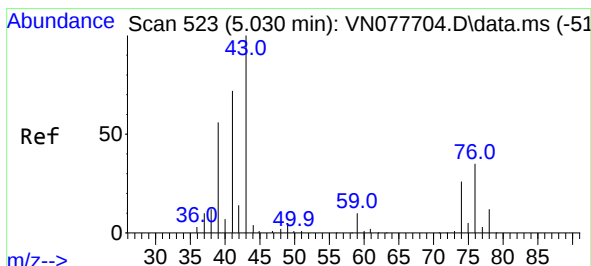
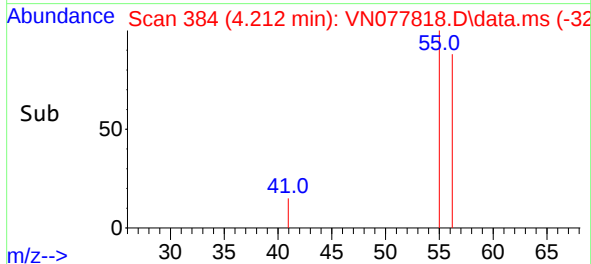
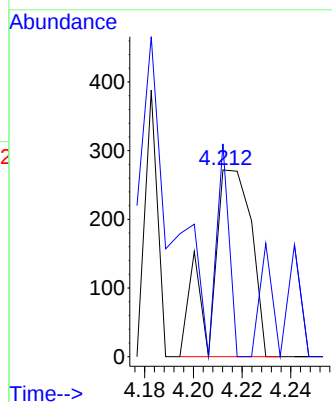
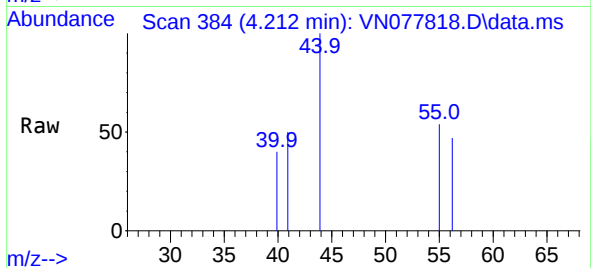
2005

Tgt Ion: 56 Resp: 315

Ion Ratio Lower Upper

56 100

55 36.8 54.5 81.7#



#14

Allyl chloride

Concen: 1.516 ug/l

RT: 4.959 min Scan# 511

Delta R.T. -0.065 min

Lab File: VN077818.D

Acq: 23 May 2023 15:54

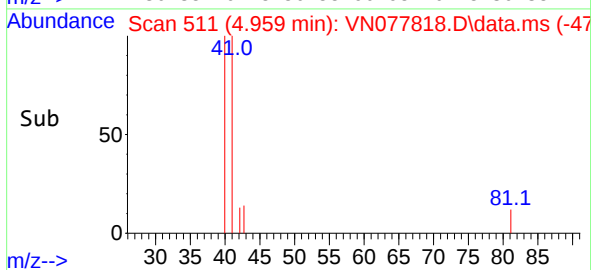
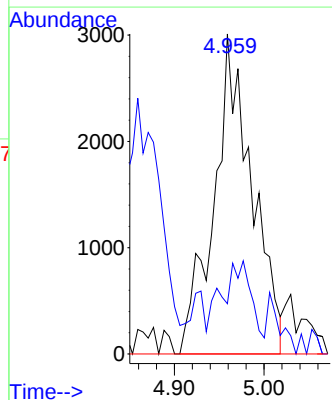
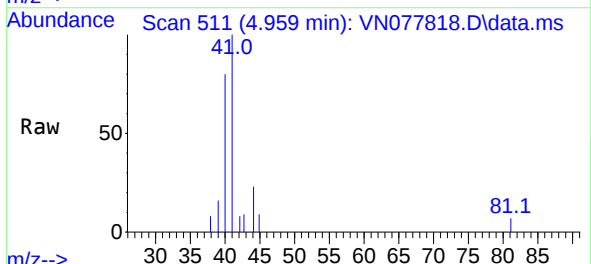
Tgt Ion: 41 Resp: 8858

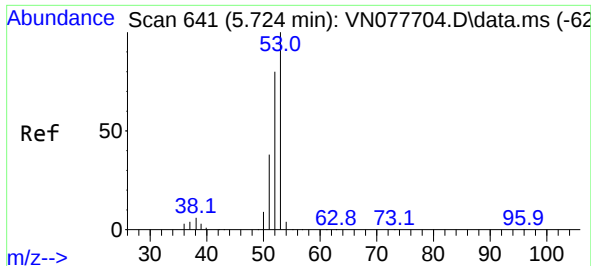
Ion Ratio Lower Upper

41 100

39 24.2 58.8 88.2#

76 0.0 39.1 58.7#

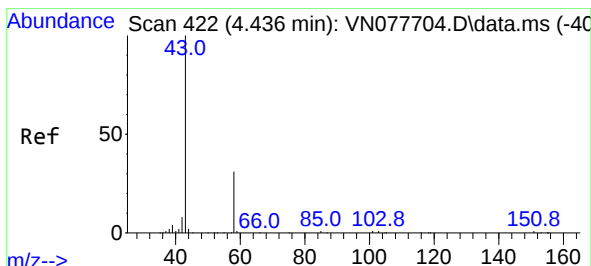
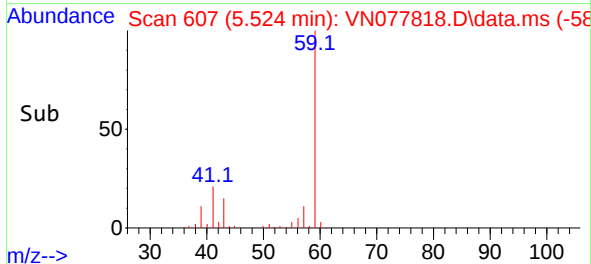
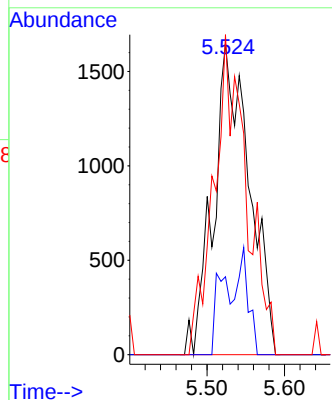
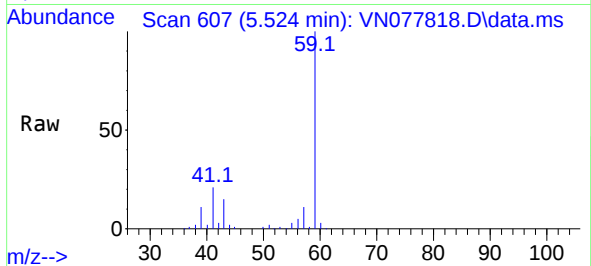




#15
Acrylonitrile
Concen: 2.544 ug/l
RT: 5.524 min Scan# 60
Delta R.T. -0.194 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

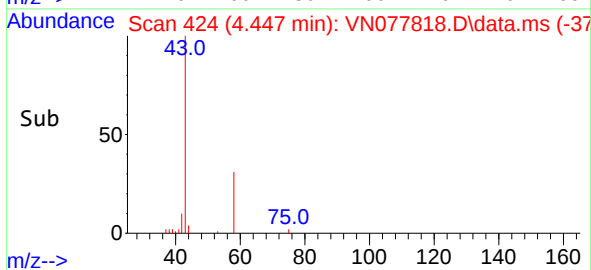
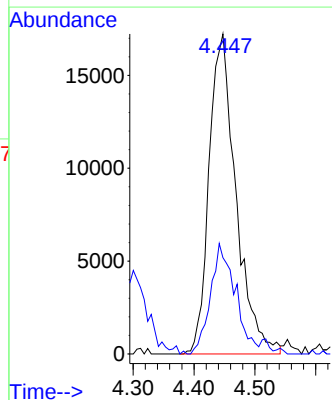
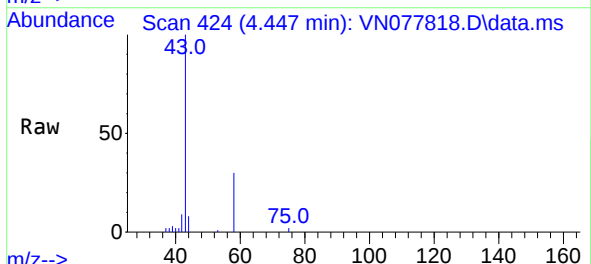
Instrument :
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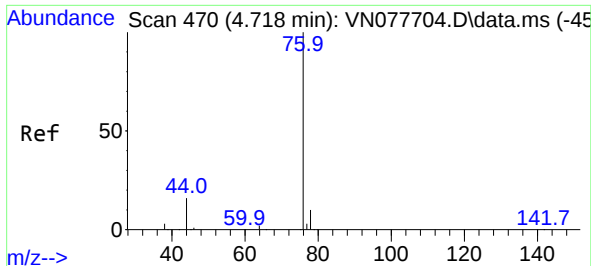
Tgt Ion: 53 Resp: 5305
Ion Ratio Lower Upper
53 100
52 10.0 65.3 97.9#
51 93.4 28.9 43.3#



#16
Acetone
Concen: 29.719 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 43 Resp: 52888
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0

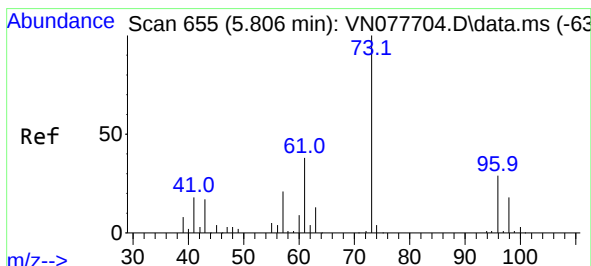
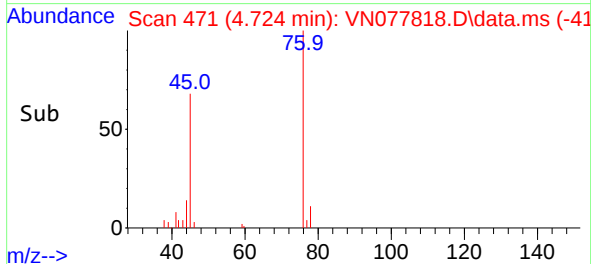
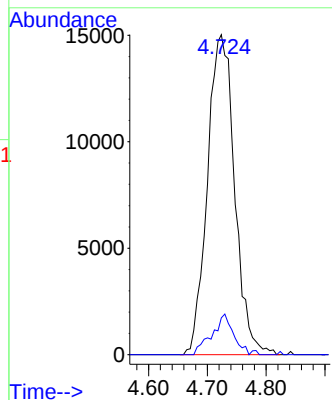
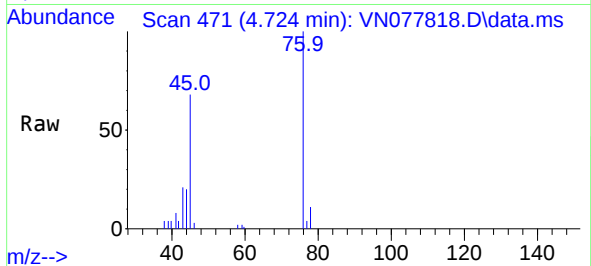




#17
Carbon Disulfide
Concen: 4.512 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

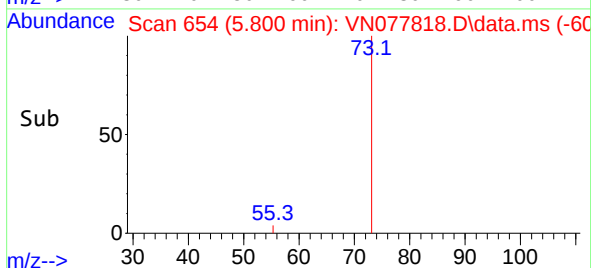
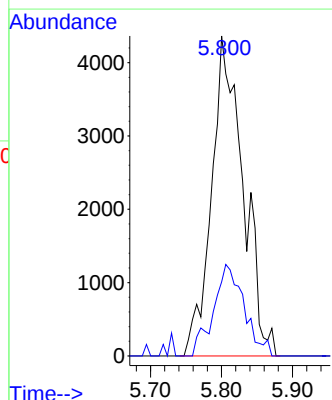
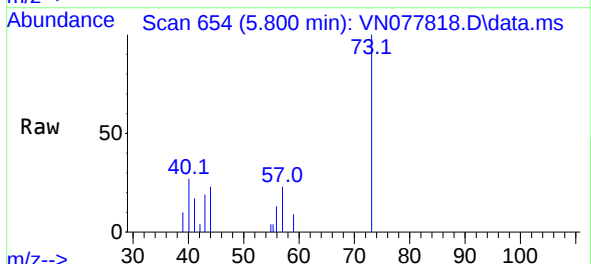
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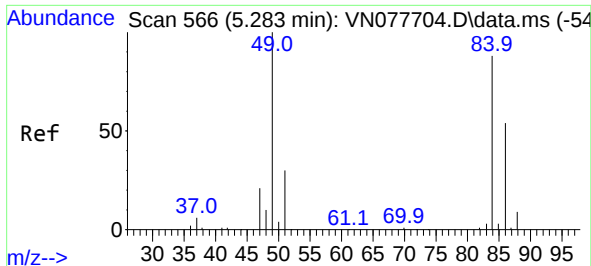
Tgt Ion: 76 Resp: 48335
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#



#19
Methyl tert-butyl Ether
Concen: 0.938 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

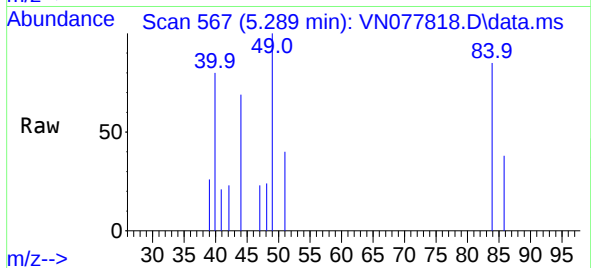
Tgt Ion: 73 Resp: 13505
Ion Ratio Lower Upper
73 100
57 23.1 15.6 23.4





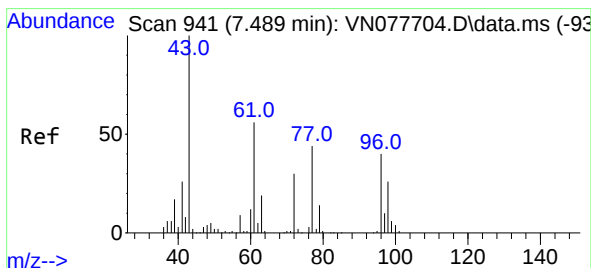
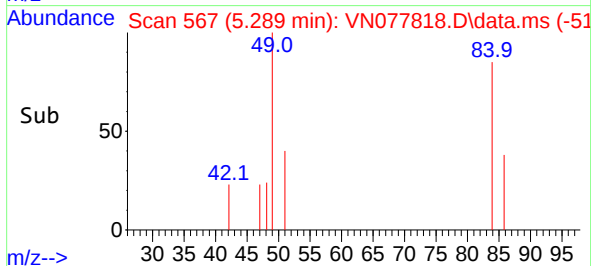
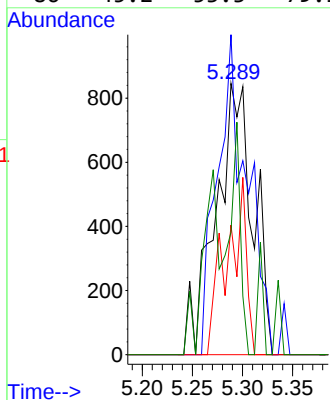
#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Instrument :
MSVOA_N
ClientSampleId :
2005



Tgt Ion: 84 Resp: 2192

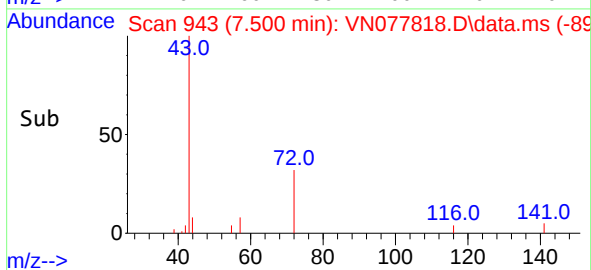
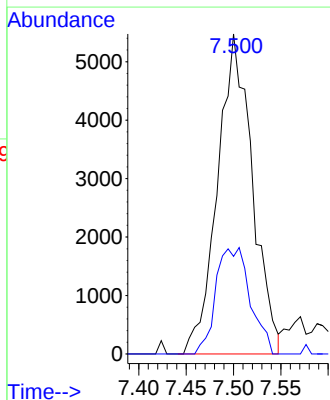
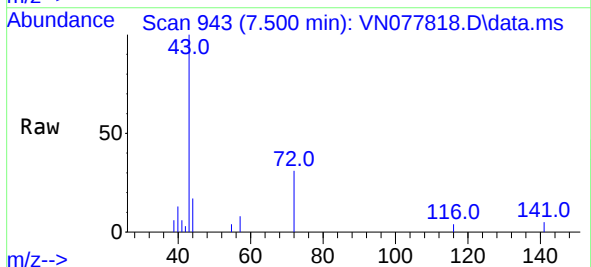
Ion	Ratio	Lower	Upper
84	100		
49	118.0	79.7	119.5
51	47.8	25.2	37.8#
86	45.2	53.3	79.9#

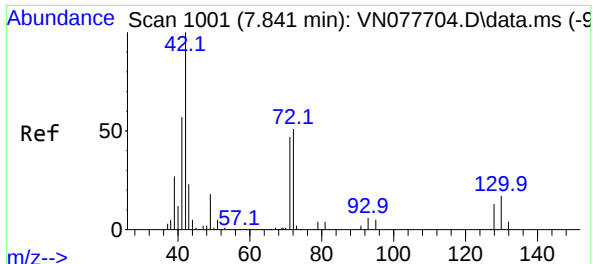


#25
2-Butanone
Concen: 5.019 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 43 Resp: 13971

Ion	Ratio	Lower	Upper
43	100		
72	30.5	30.2	45.2

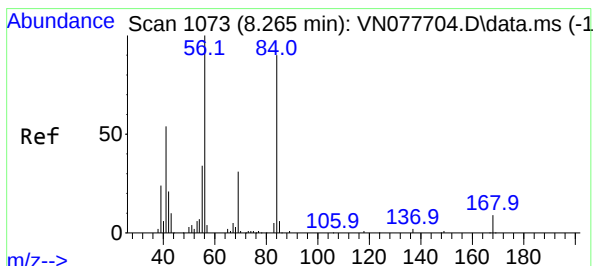
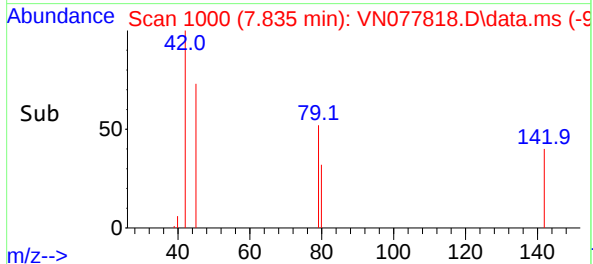
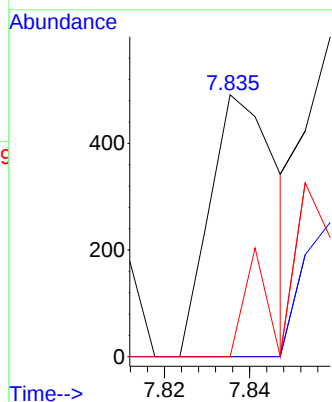
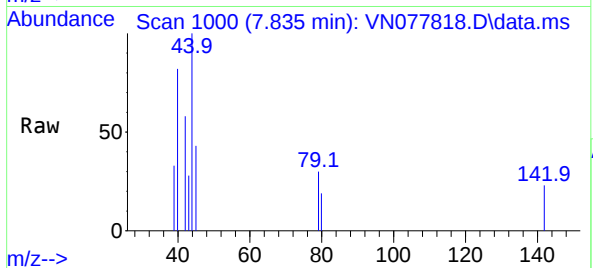




#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

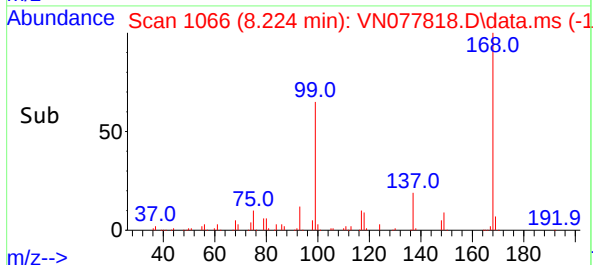
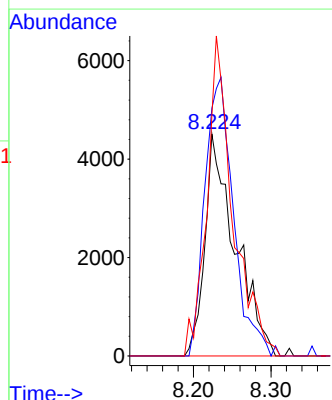
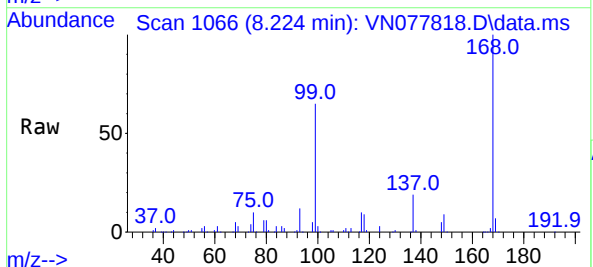
Instrument :
MSVOA_N
ClientSampleId :
2005

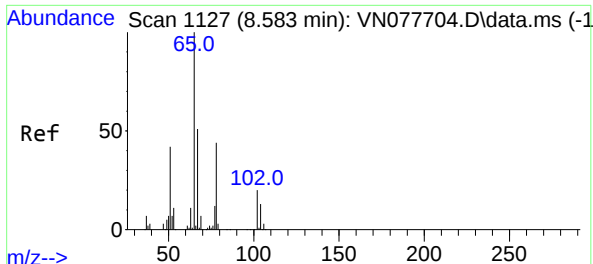
Tgt Ion: 42 Resp: 537
Ion Ratio Lower Upper
42 100
72 0.0 49.8 74.6#
71 0.0 47.4 71.2#



#31
Cyclohexane
Concen: 1.598 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.041 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 56 Resp: 12289
Ion Ratio Lower Upper
56 100
69 111.6 26.8 40.2#
84 108.3 81.8 122.6

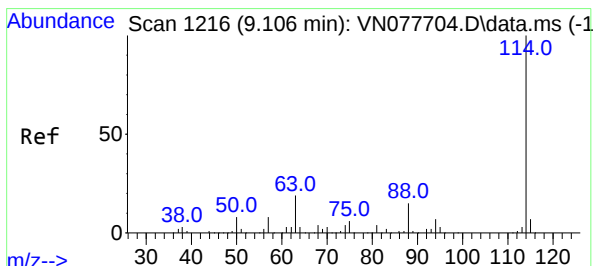
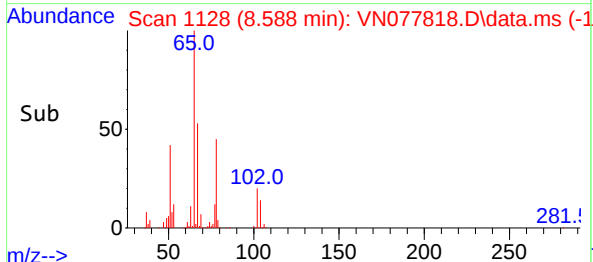
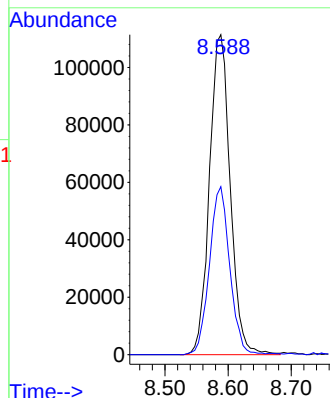
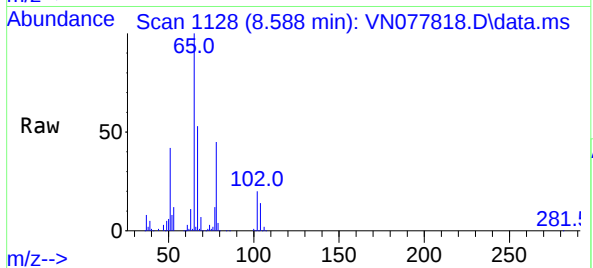




#33
1,2-Dichloroethane-d4
Concen: 44.957 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

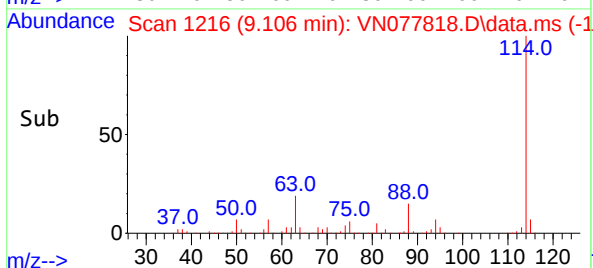
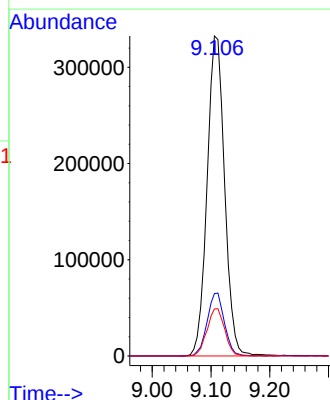
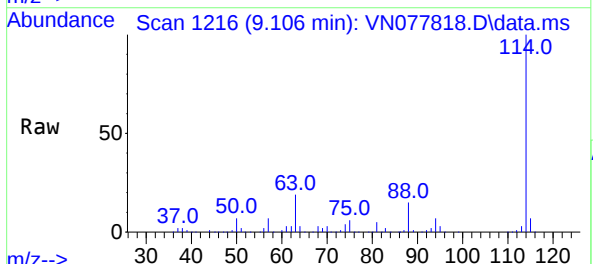
Instrument :
MSVOA_N
ClientSampleId :
2005

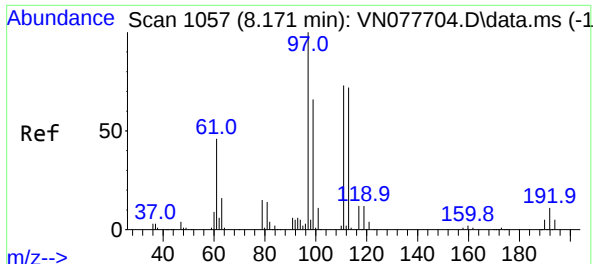
Tgt Ion: 65 Resp: 254294
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 114 Resp: 688922
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 14.7 0.0 30.6

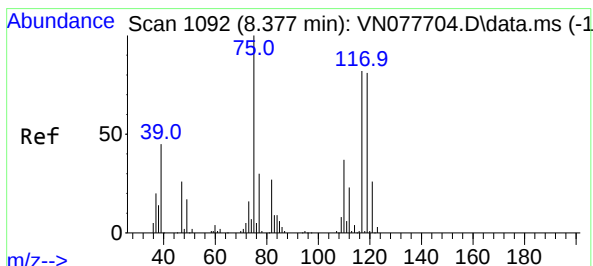
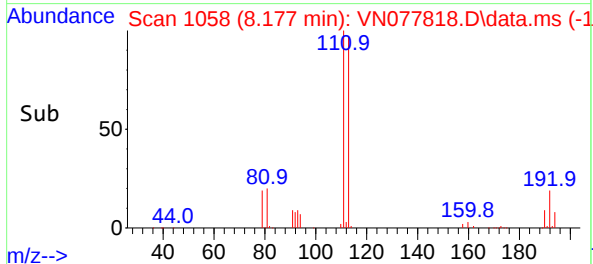
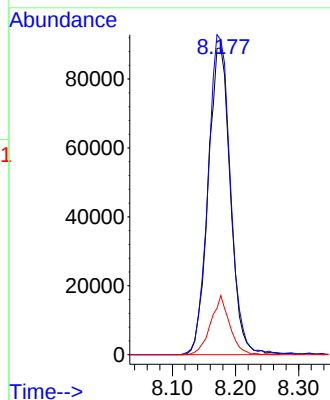
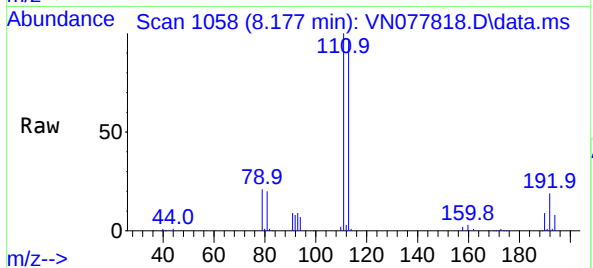




#35
Dibromofluoromethane
Concen: 48.605 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

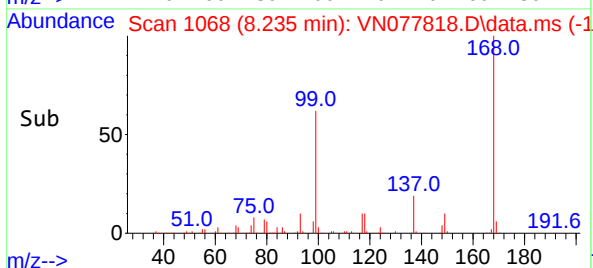
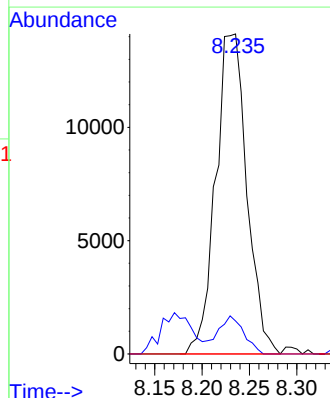
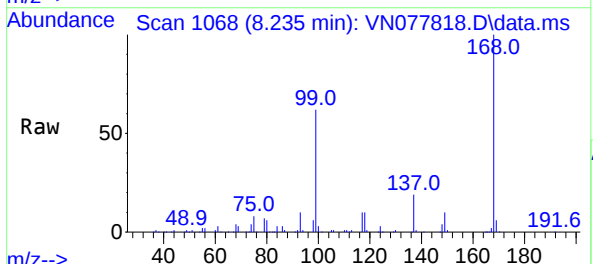
Instrument :
MSVOA_N
ClientSampleId :
2005

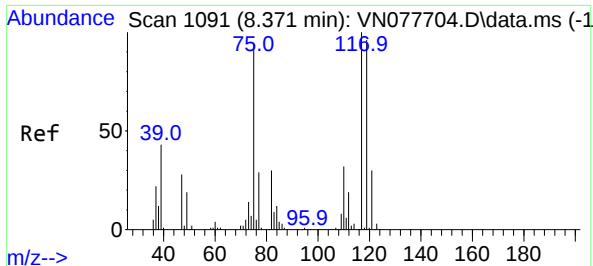
Tgt Ion: 113 Resp: 218352
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 16.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.929 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.142 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 75 Resp: 32389
Ion Ratio Lower Upper
75 100
110 10.1 19.1 57.3#
77 0.0 25.0 37.4#

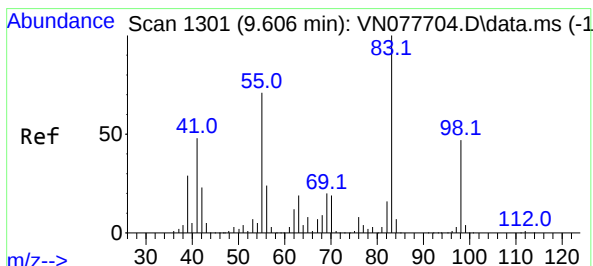
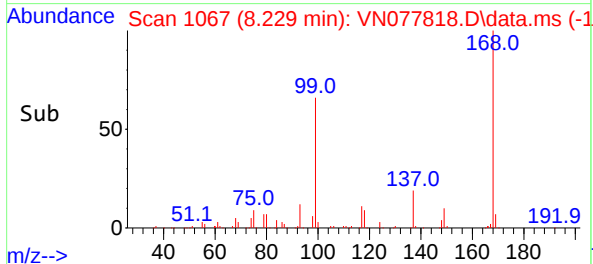
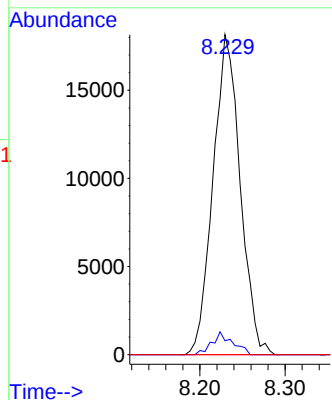
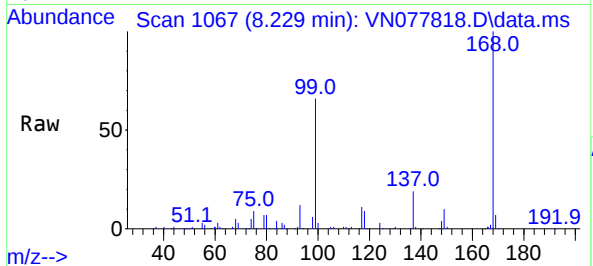




#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

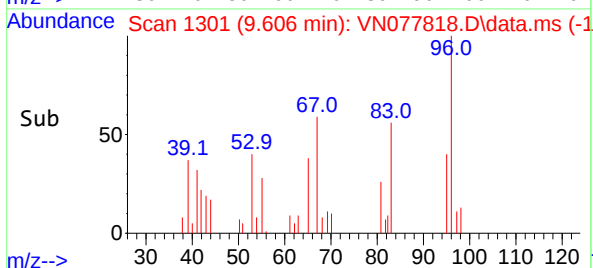
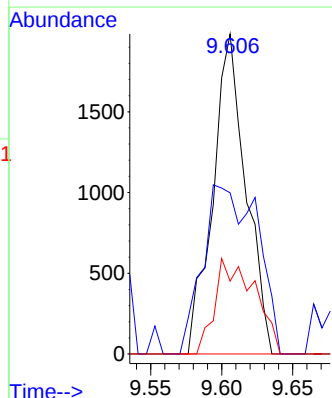
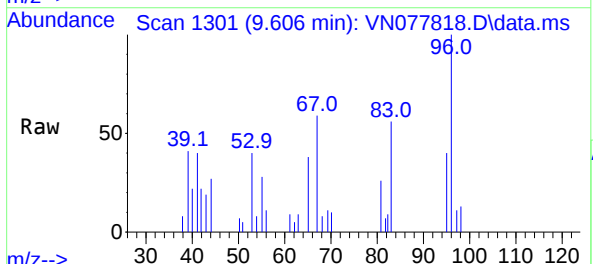
Instrument :
MSVOA_N
ClientSampleId :
2005

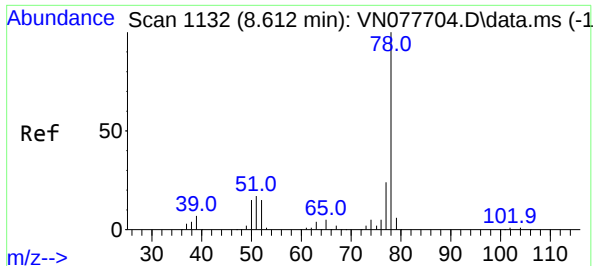
Tgt Ion:117 Resp: 40129
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.398 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 83 Resp: 3205
Ion Ratio Lower Upper
83 100
55 50.4 49.1 73.7
98 22.8 40.6 61.0#

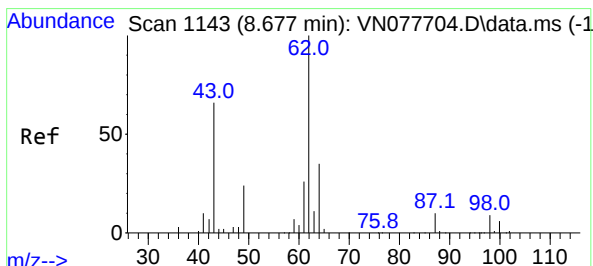
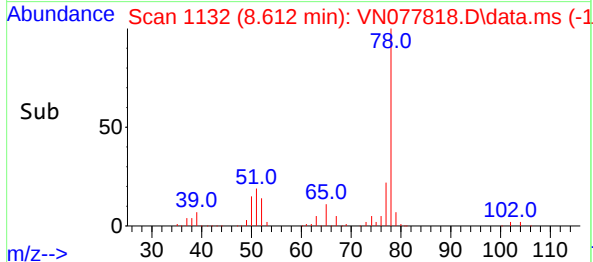
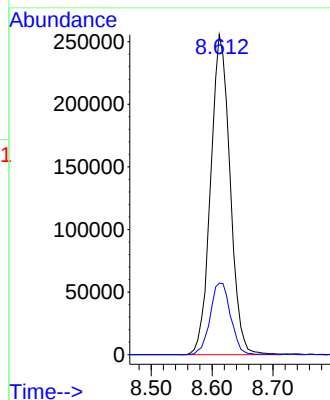
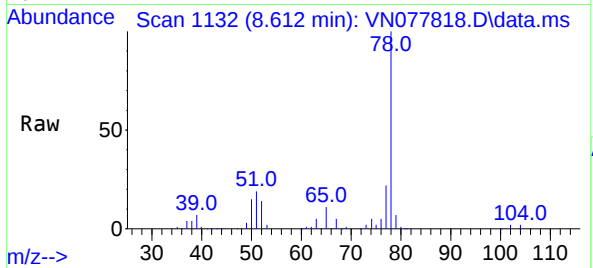




#40
Benzene
Concen: 29.237 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

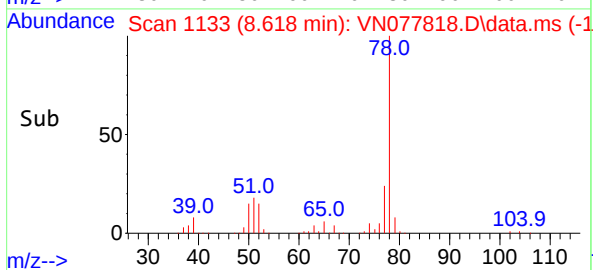
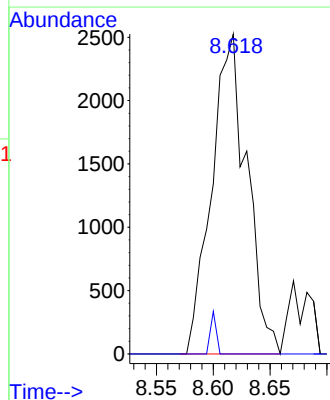
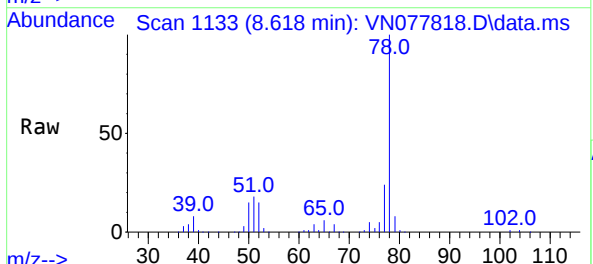
Instrument :
MSVOA_N
ClientSampleId :
2005

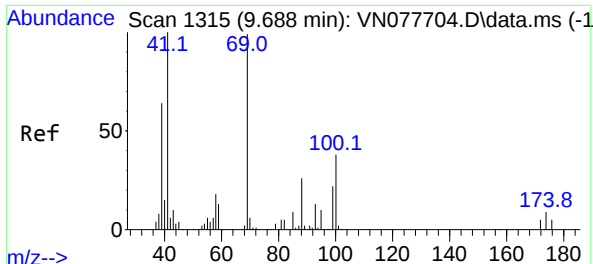
Tgt Ion: 78 Resp: 566919
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6



#42
1,2-Dichloroethane
Concen: 0.774 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. -0.059 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 62 Resp: 5451
Ion Ratio Lower Upper
62 100
98 2.2 0.0 19.8

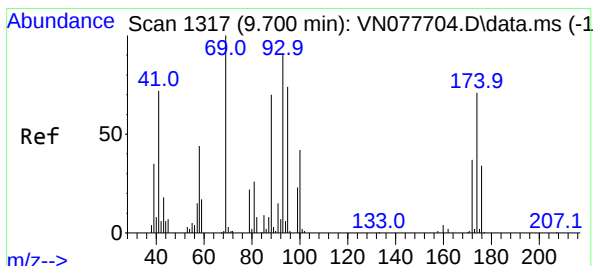
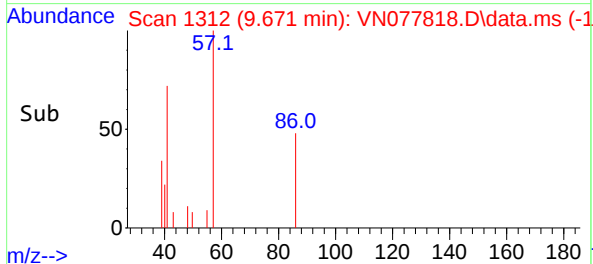
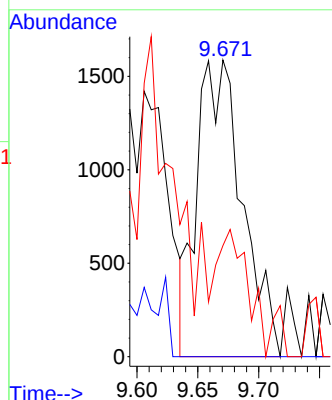
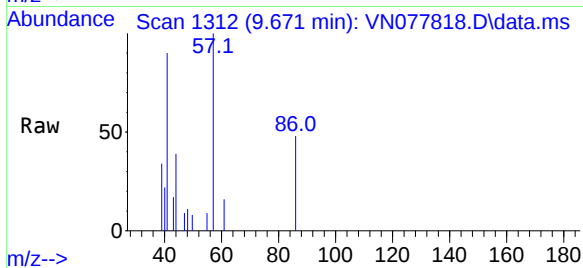




#48
Methyl methacrylate
Concen: 0.910 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.017 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

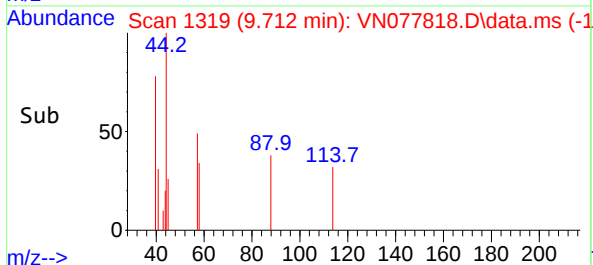
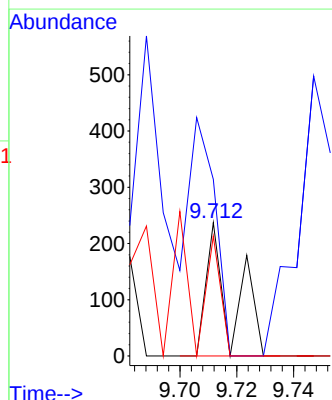
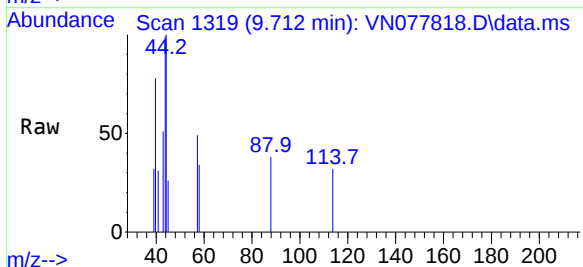
Instrument :
MSVOA_N
ClientSampleId :
2005

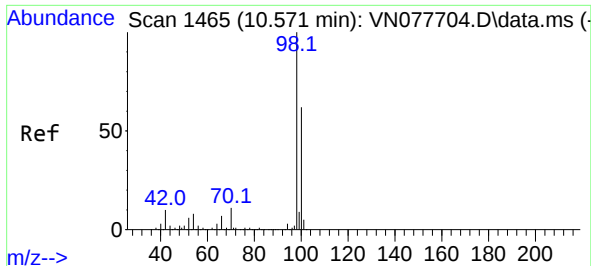
Tgt Ion: 41 Resp: 4128
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 29.1 54.6 81.8#



#49
1,4-Dioxane
Concen: 1.716 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 88 Resp: 147
Ion Ratio Lower Upper
88 100
43 177.6 17.0 25.6#
58 112.9 47.0 70.4#

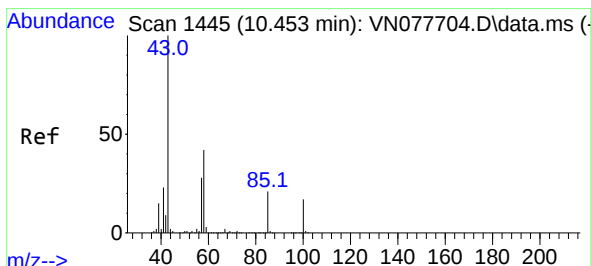
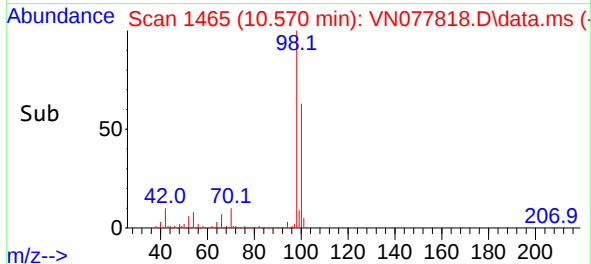
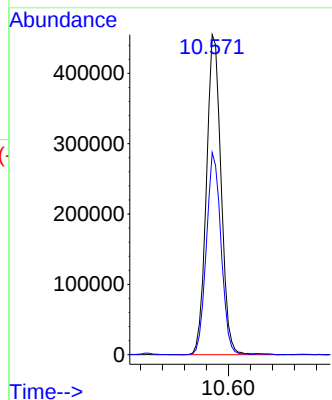
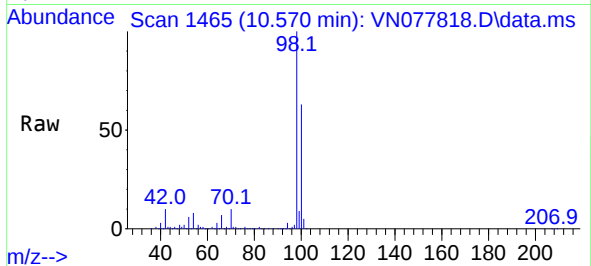




#50
Toluene-d8
Concen: 48.606 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

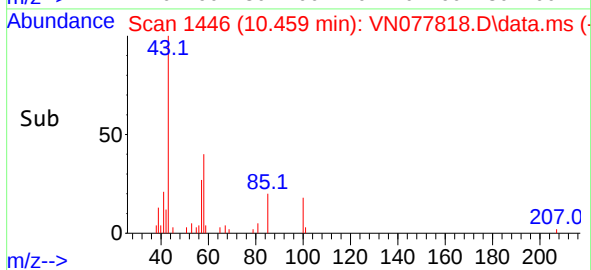
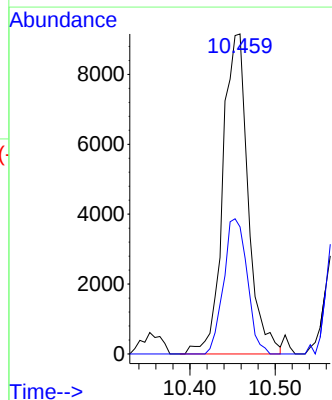
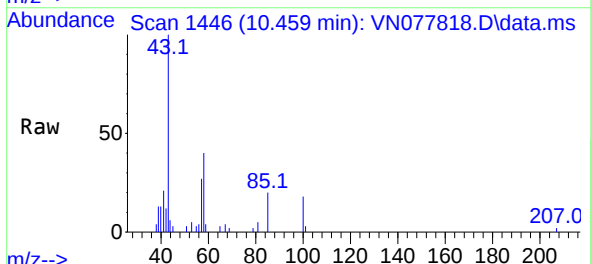
Instrument :
MSVOA_N
ClientSampleId :
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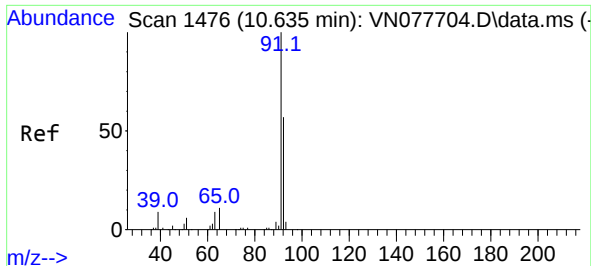
Tgt Ion: 98 Resp: 840478
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 3.314 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 43 Resp: 18843
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8

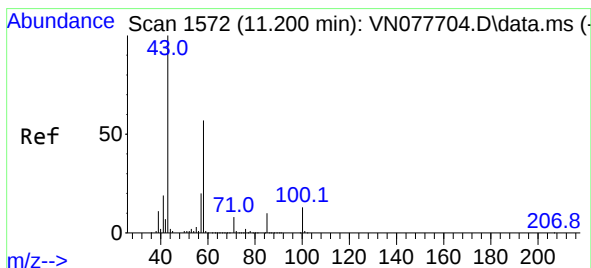
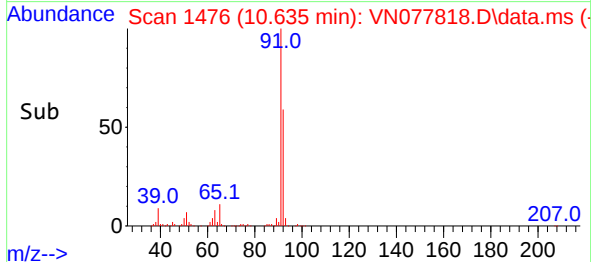
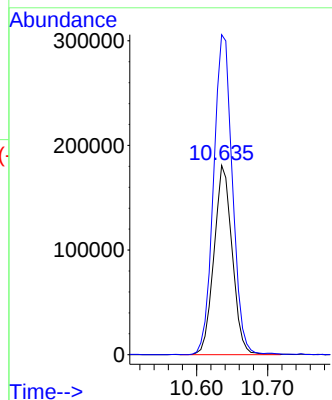
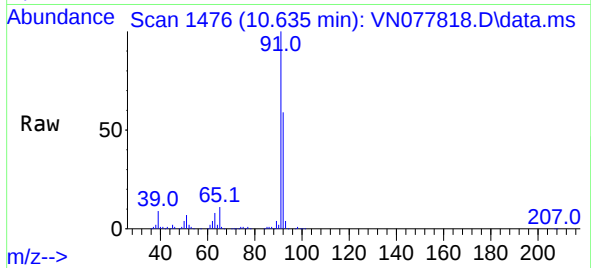




#52
Toluene
Concen: 26.593 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

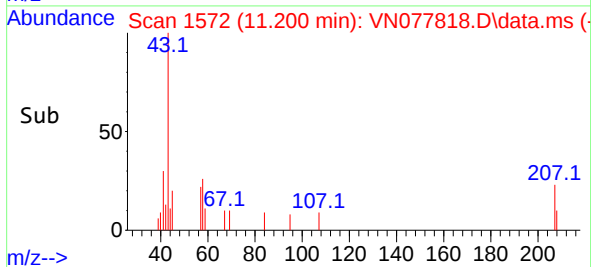
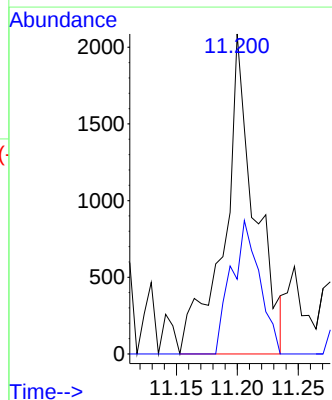
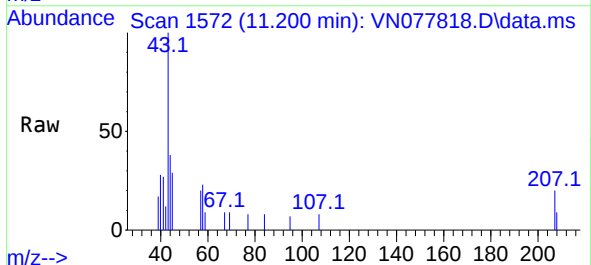
Instrument :
MSVOA_N
ClientSampleId :
2005

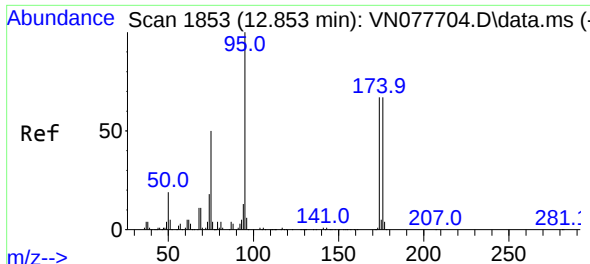
Tgt Ion: 92 Resp: 321019
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0



#59
2-Hexanone
Concen: 0.863 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
58 38.4 31.7 95.1

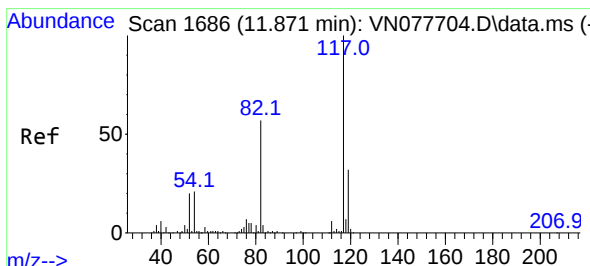
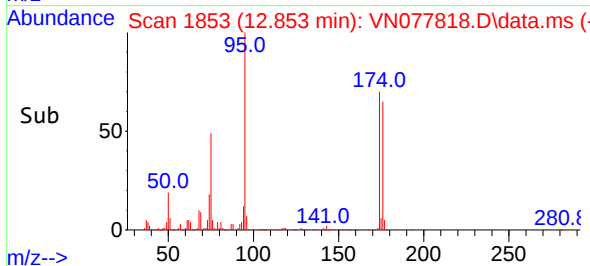
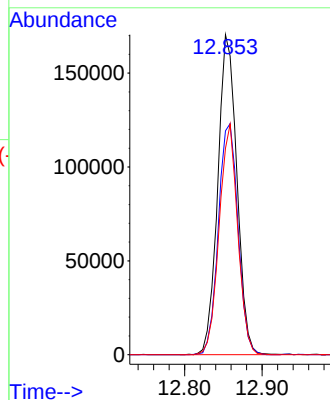
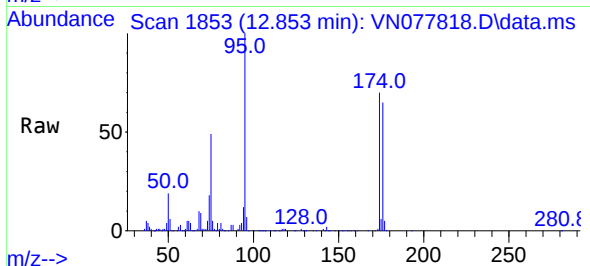




#62
4-Bromofluorobenzene
Concen: 47.802 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

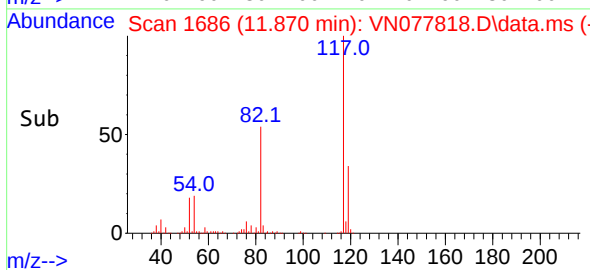
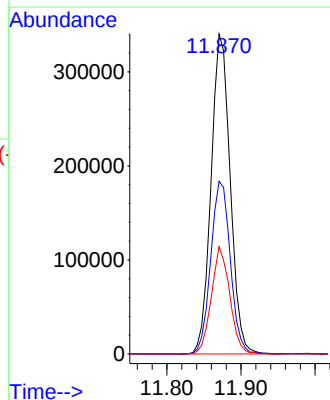
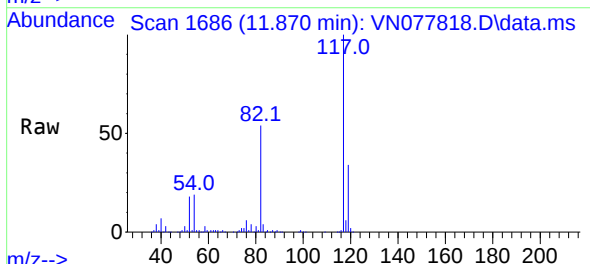
Instrument :
MSVOA_N
ClientSampleId :
2005

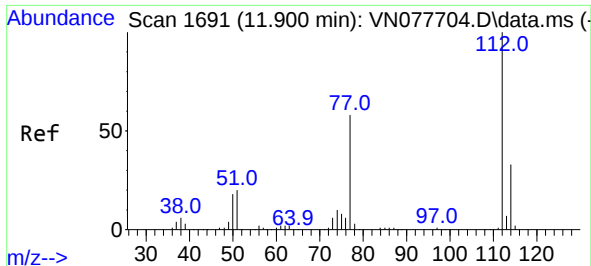
Tgt Ion: 95 Resp: 291925
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 69.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 117 Resp: 610127
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 33.6 25.6 38.4

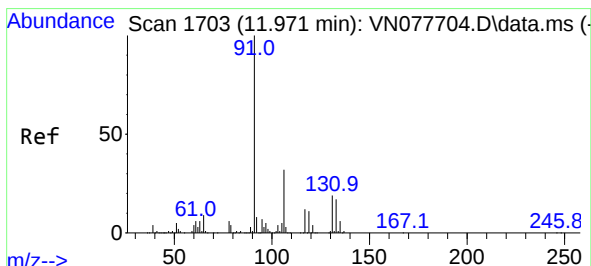
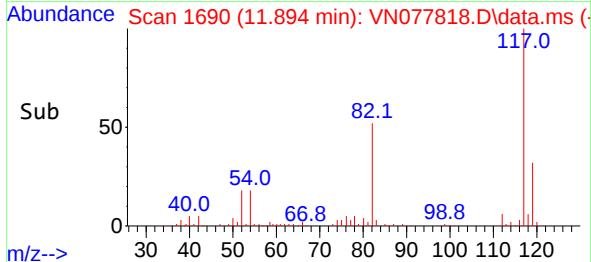
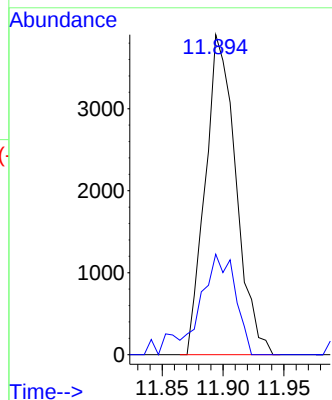
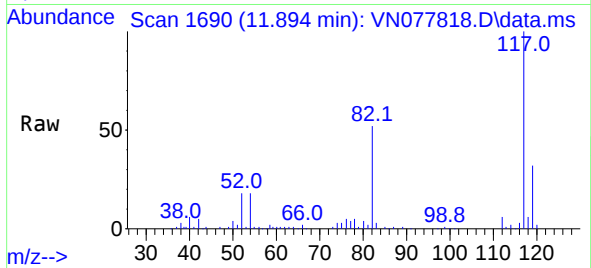




#65
Chlorobenzene
Concen: 0.516 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

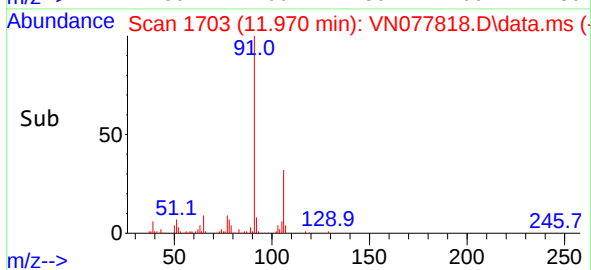
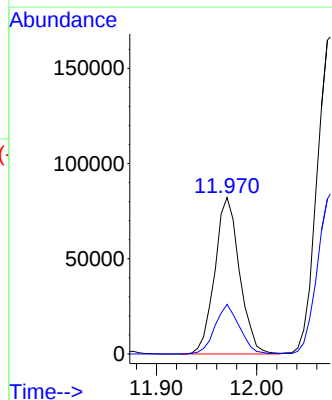
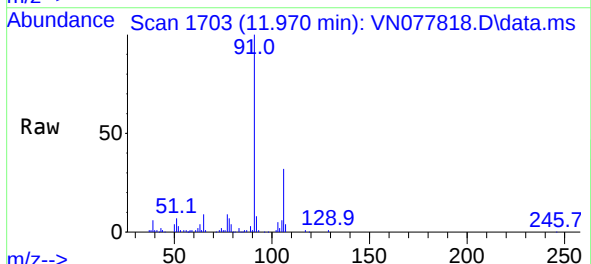
Instrument :
MSVOA_N
ClientSampleId :
2005

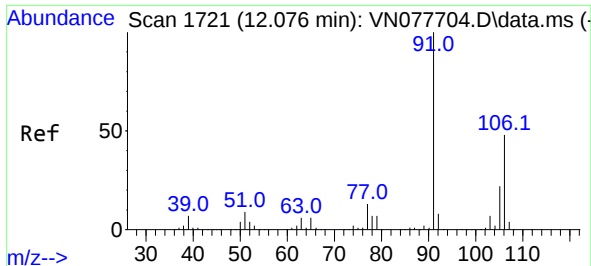
Tgt Ion:112 Resp: 6827
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



#67
Ethyl Benzene
Concen: 5.956 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 91 Resp: 141173
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4

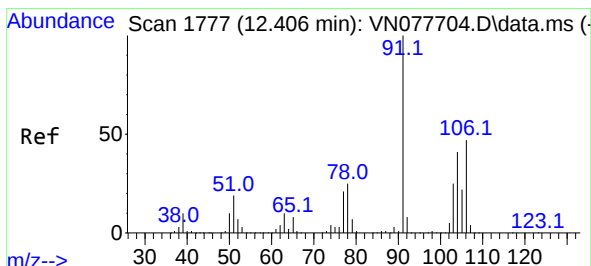
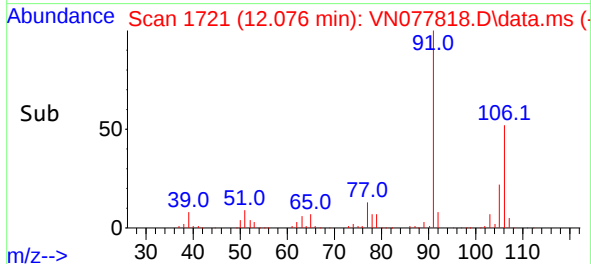
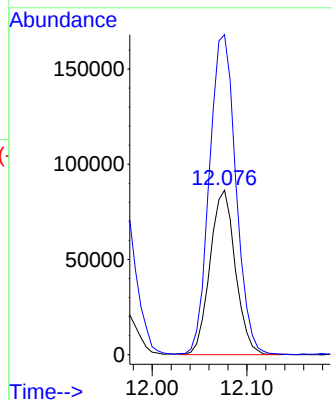
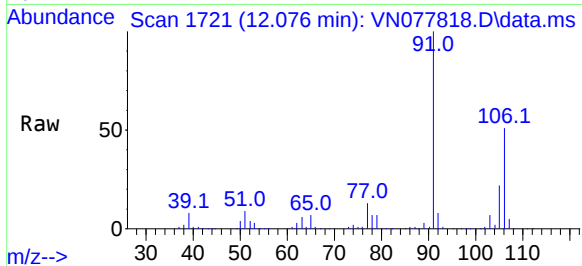




#68
m/p-Xylenes
Concen: 17.878 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

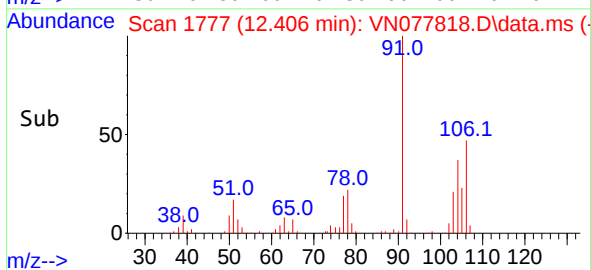
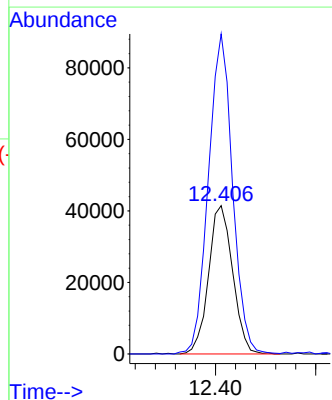
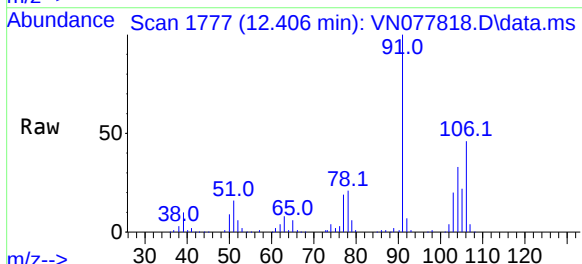
Instrument :
MSVOA_N
ClientSampleId :
2005

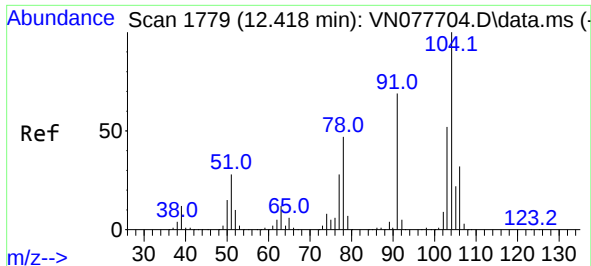
Tgt Ion:106 Resp: 160571
Ion Ratio Lower Upper
106 100
91 203.8 159.6 239.4



#69
o-Xylene
Concen: 7.848 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion:106 Resp: 69321
Ion Ratio Lower Upper
106 100
91 215.7 105.2 315.5

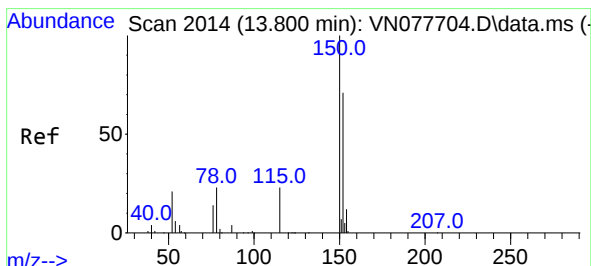
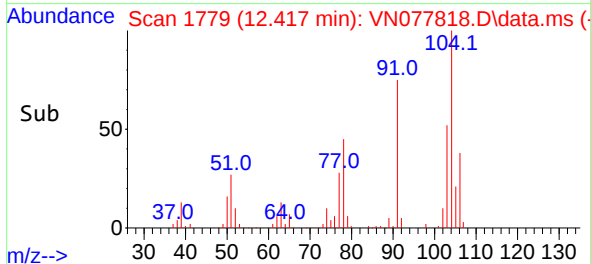
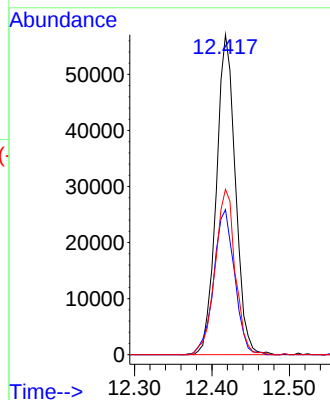
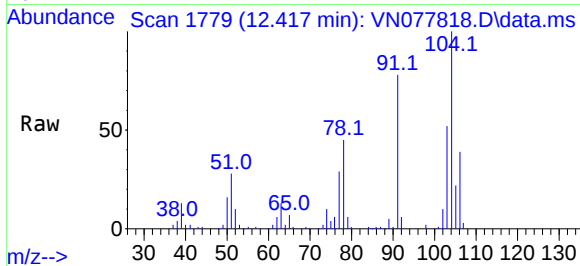




#70
Styrene
Concen: 6.967 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

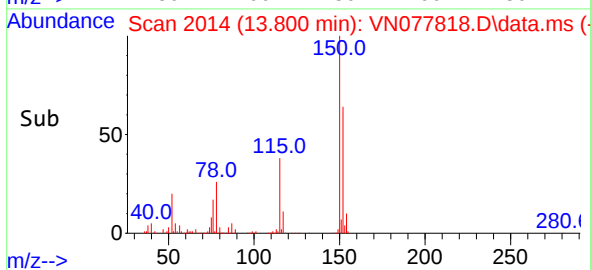
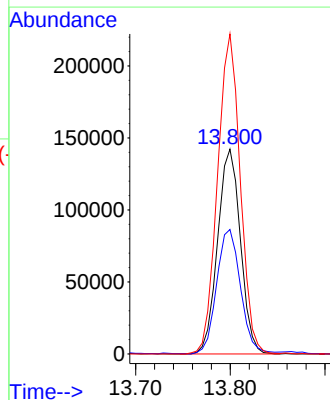
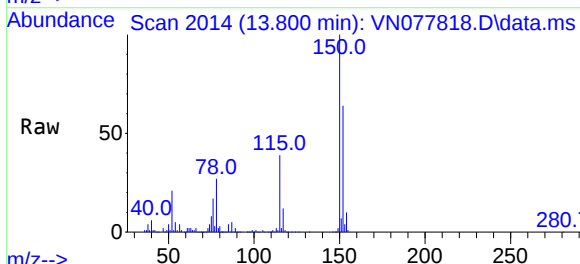
Instrument :
MSVOA_N
ClientSampleId :
2005

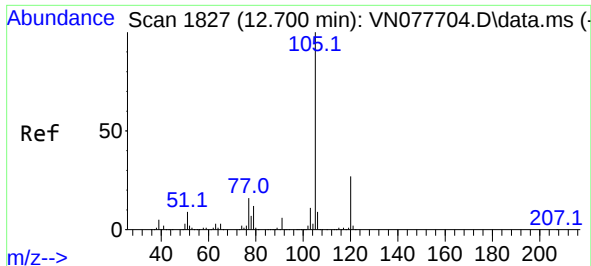
Tgt Ion:104 Resp: 97759
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 54.8 43.2 64.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion:152 Resp: 237940
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 155.7 0.0 355.8

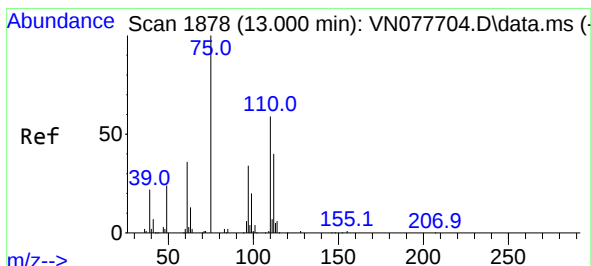
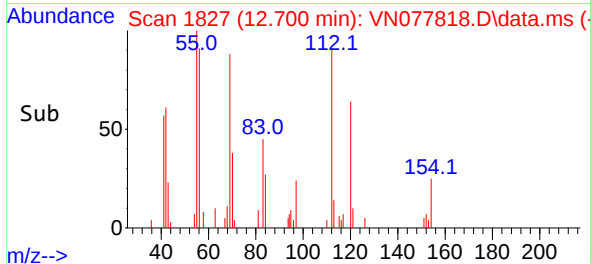
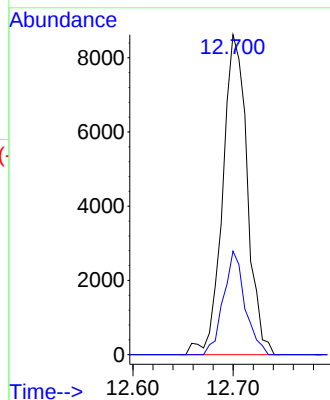
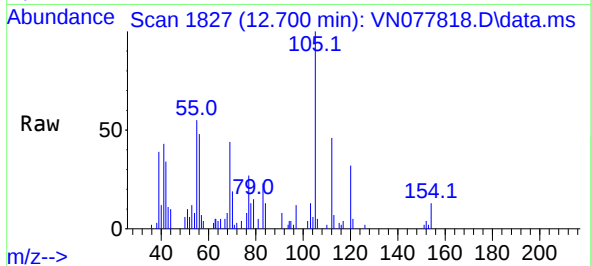




#73
Isopropylbenzene
Concen: 0.716 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

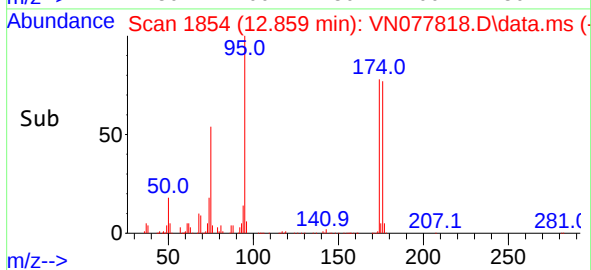
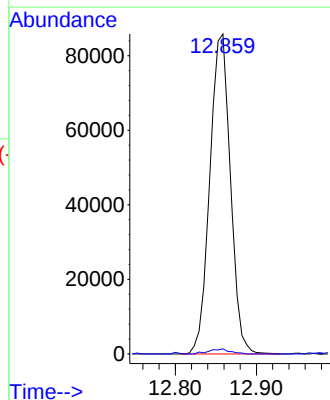
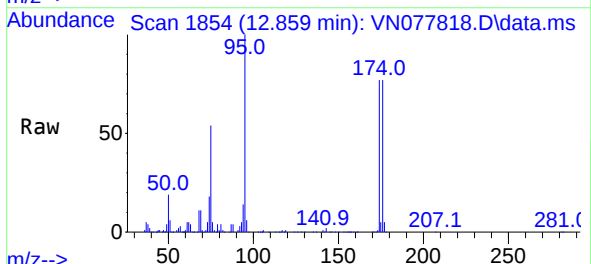
Instrument :
MSVOA_N
ClientSampleId :
2005

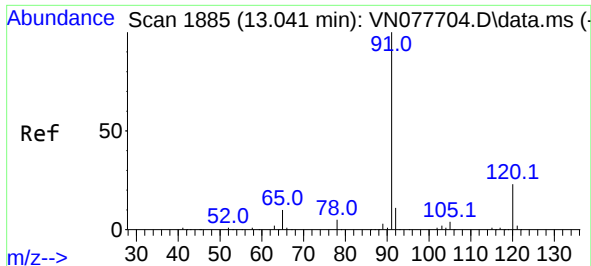
Tgt Ion:105 Resp: 14678
Ion Ratio Lower Upper
105 100
120 28.4 13.1 39.1



#76
1,2,3-Trichloropropane
Concen: 25.367 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 75 Resp: 151161
Ion Ratio Lower Upper
75 100
77 1.6 84.5 253.5#

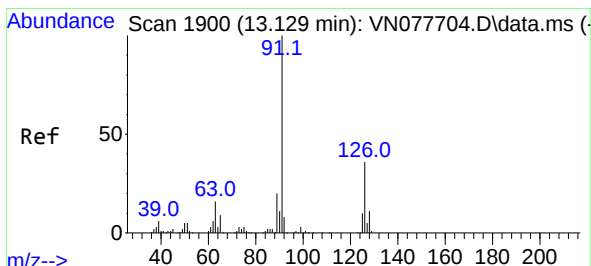
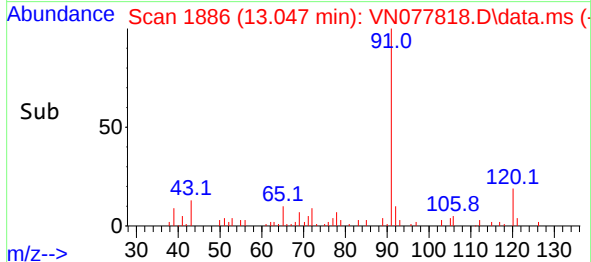
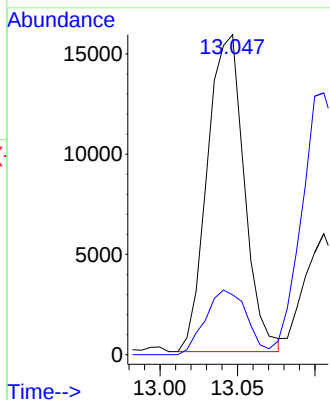
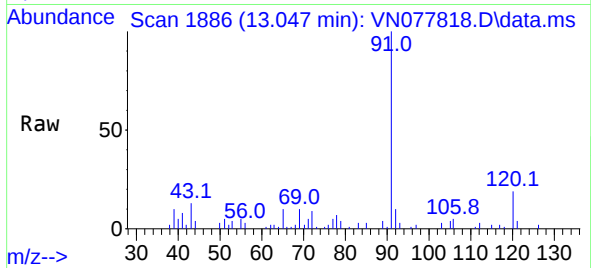




#78
n-propylbenzene
Concen: 1.084 ug/l
RT: 13.047 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

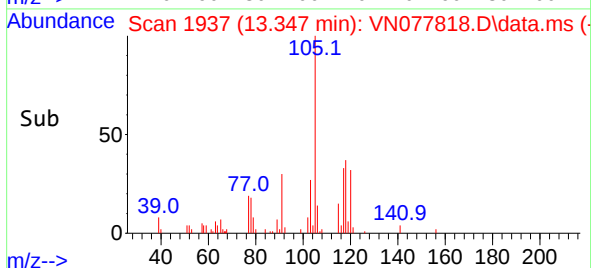
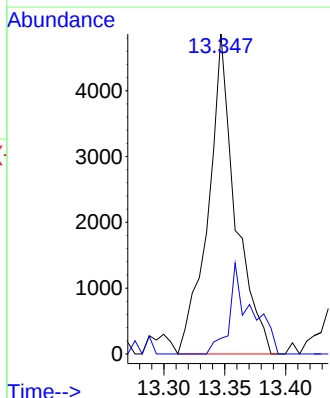
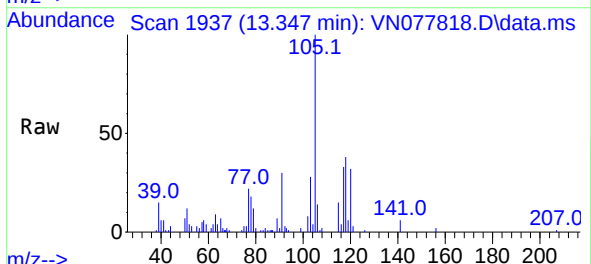
Instrument :
MSVOA_N
ClientSampleId :
2005

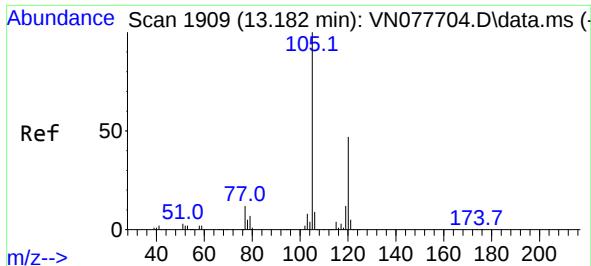
Tgt Ion: 91 Resp: 26218
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.522 ug/l
RT: 13.347 min Scan# 1937
Delta R.T. 0.218 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 91 Resp: 7528
Ion Ratio Lower Upper
91 100
126 23.1 16.3 48.8

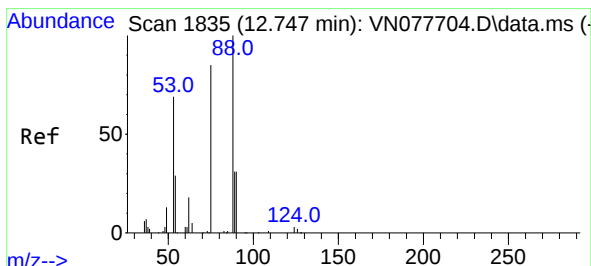
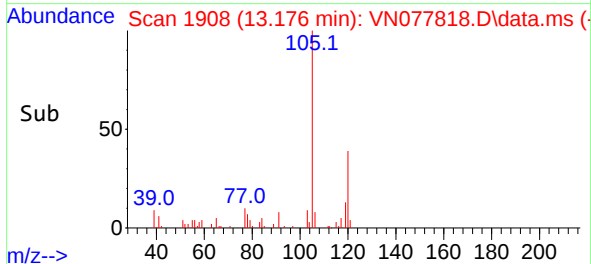
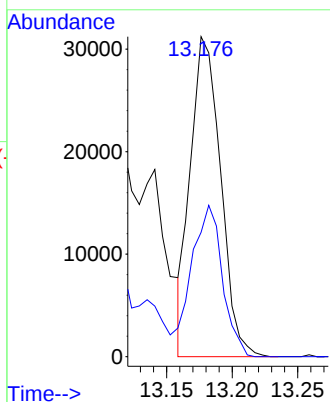
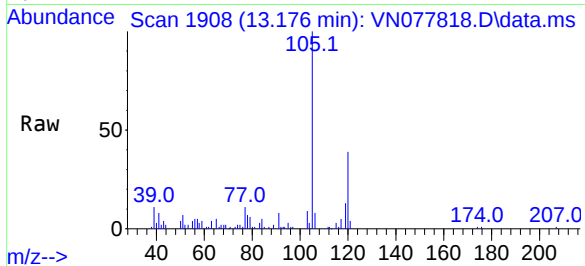




#80
1,3,5-Trimethylbenzene
Concen: 2.897 ug/l
RT: 13.176 min Scan# 1909
Delta R.T. -0.006 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

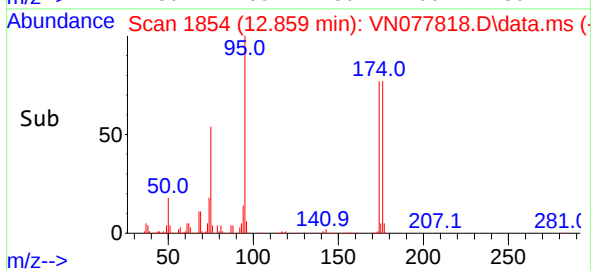
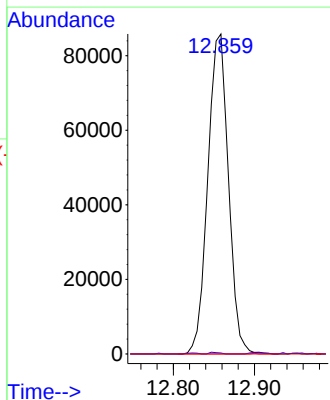
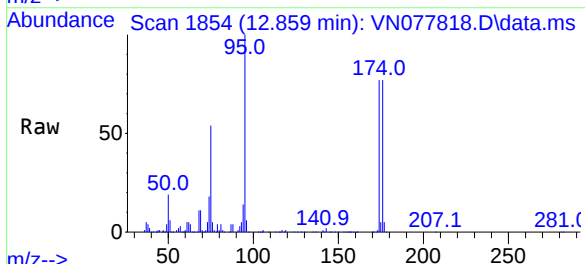
Instrument :
MSVOA_N
ClientSampleId :
2005

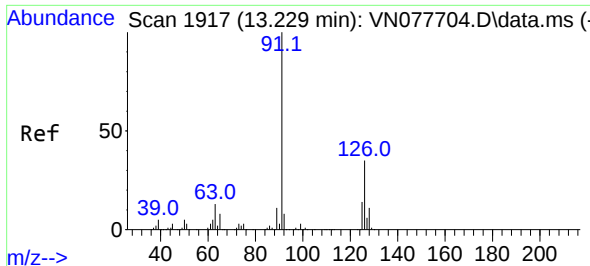
Tgt Ion:105 Resp: 49948
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 81.087 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 75 Resp: 151161
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

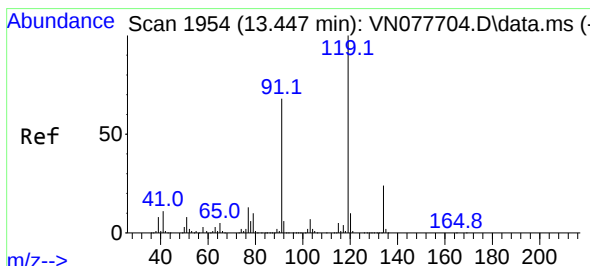
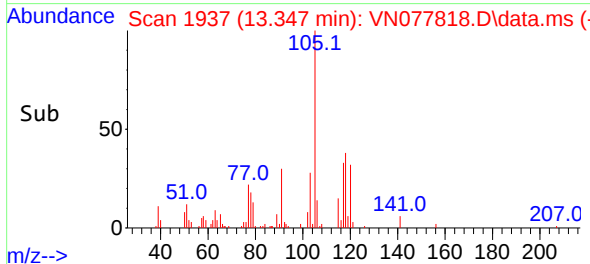
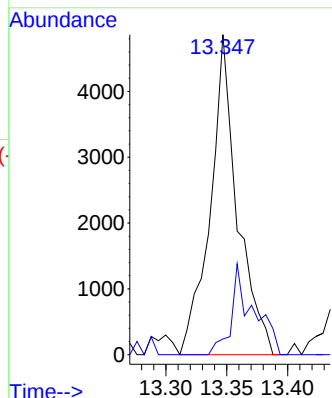
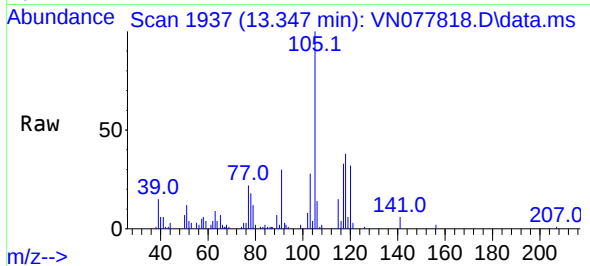




#82
4-Chlorotoluene
Concen: 0.524 ug/l
RT: 13.347 min Scan# 1917
Delta R.T. 0.118 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

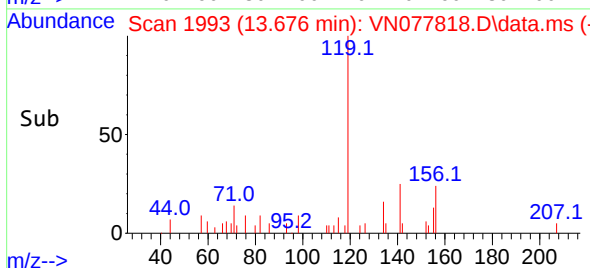
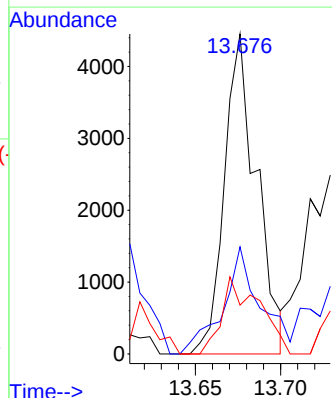
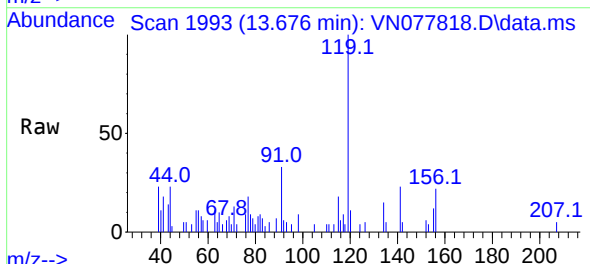
Instrument :
MSVOA_N
ClientSampleId :
2005

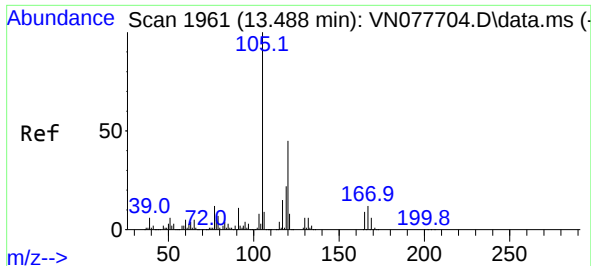
Tgt Ion: 91 Resp: 7528
Ion Ratio Lower Upper
91 100
126 23.1 16.7 50.0



#83
tert-Butylbenzene
Concen: 0.389 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. 0.229 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 119 Resp: 5850
Ion Ratio Lower Upper
119 100
91 39.0 33.9 101.7
134 28.0 13.2 39.6

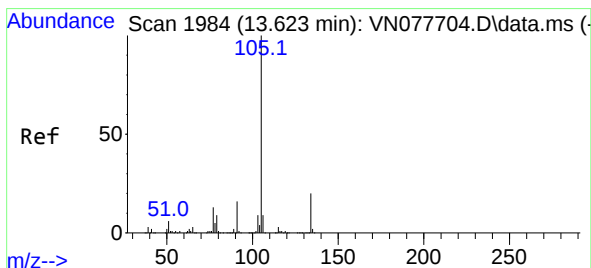
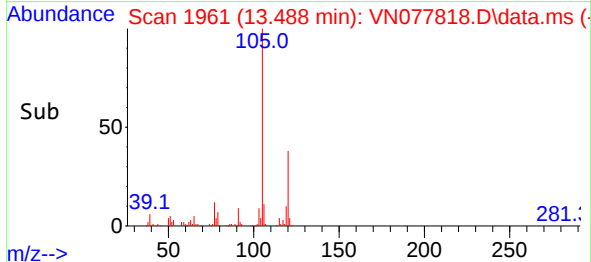
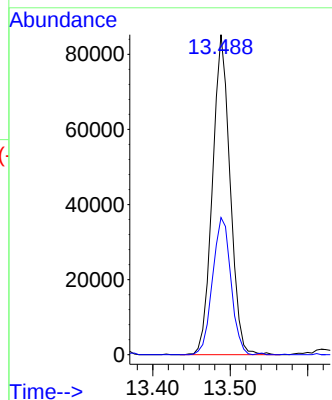
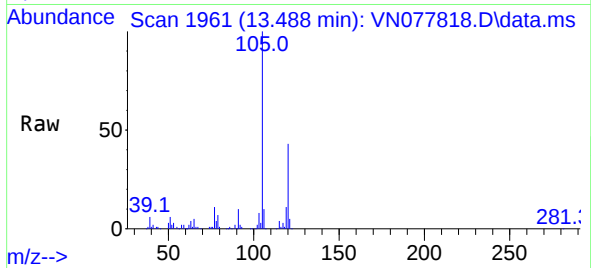




#84
1,2,4-Trimethylbenzene
Concen: 7.957 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

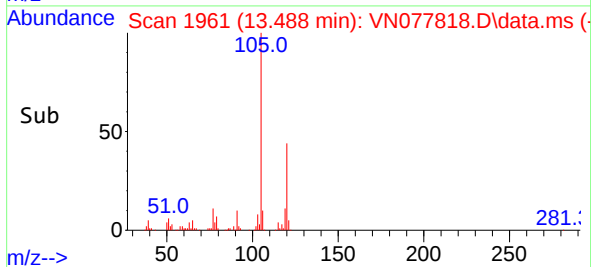
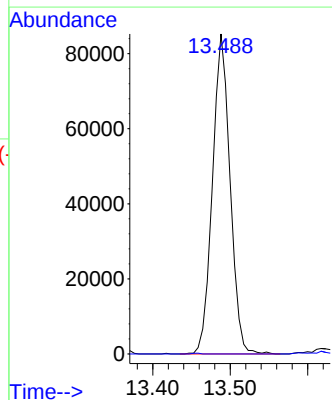
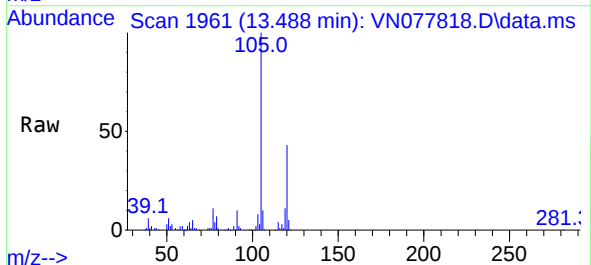
Instrument :
MSVOA_N
ClientSampleId :
2005

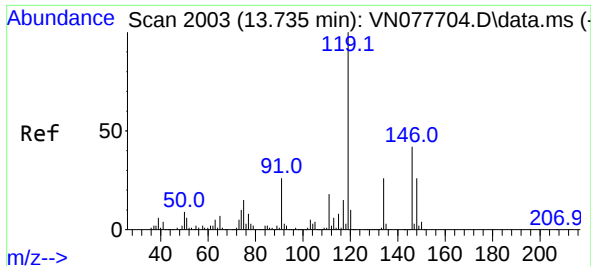
Tgt Ion:105 Resp: 134908
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0



#85
sec-Butylbenzene
Concen: 6.308 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.135 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion:105 Resp: 134908
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

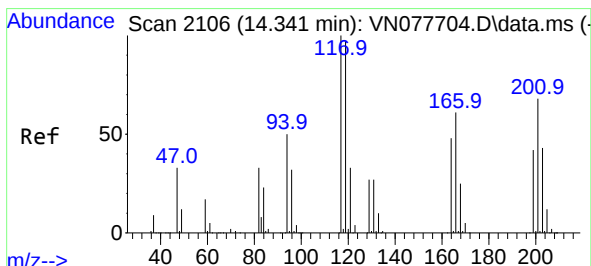
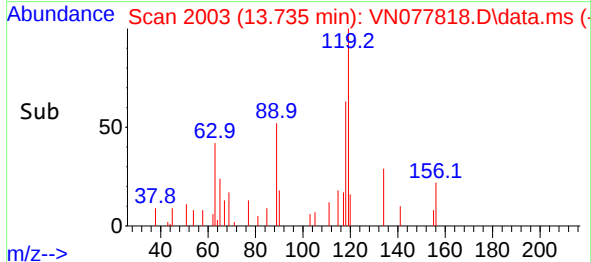
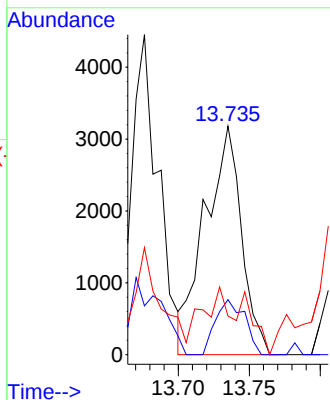
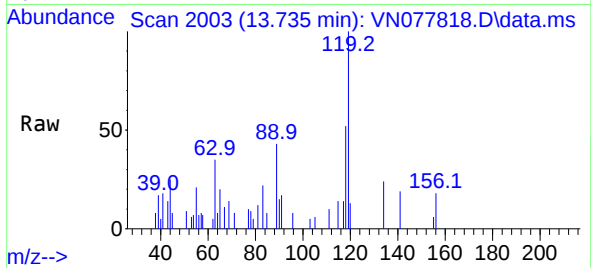




#86
p-Isopropyltoluene
Concen: 0.334 ug/l
RT: 13.735 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

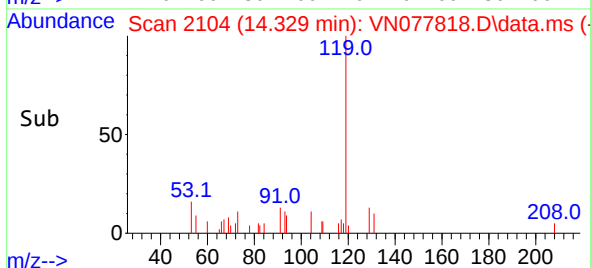
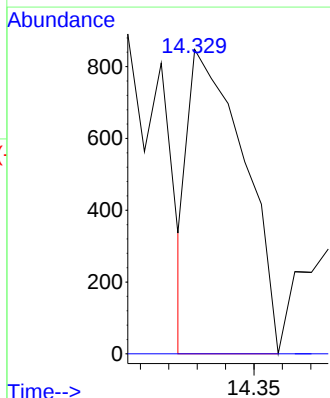
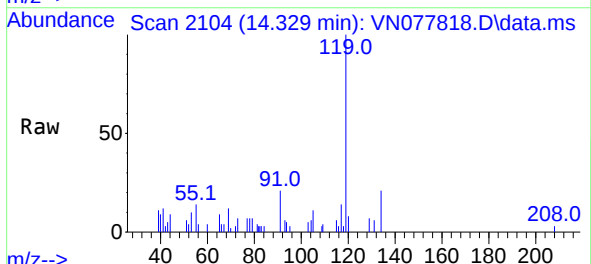
Instrument :
MSVOA_N
ClientSampleId :
2005

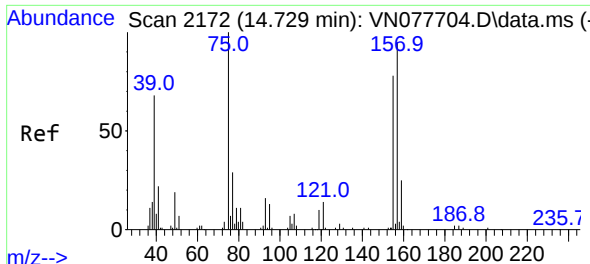
Tgt Ion:119 Resp: 5687
Ion Ratio Lower Upper
119 100
134 19.2 12.6 37.8
91 17.0 12.4 37.2



#90
Hexachloroethane
Concen: 0.411 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.012 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion:117 Resp: 1152
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

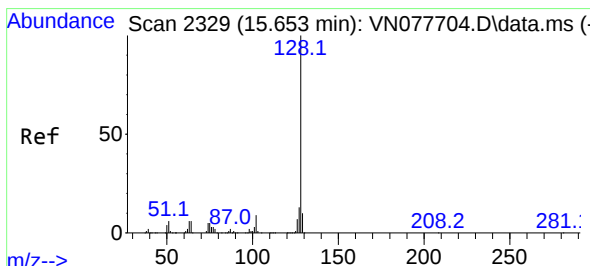
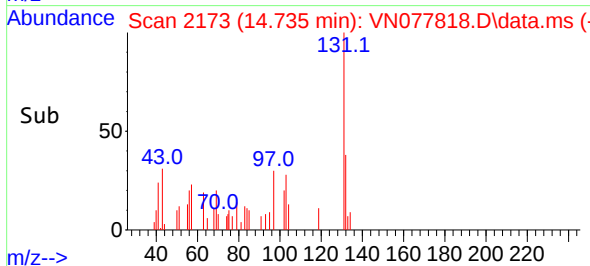
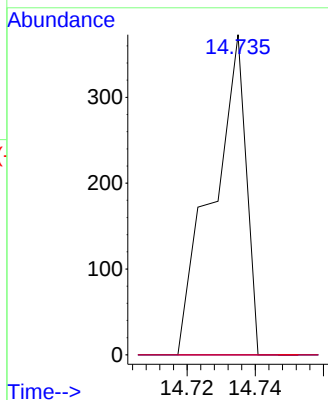
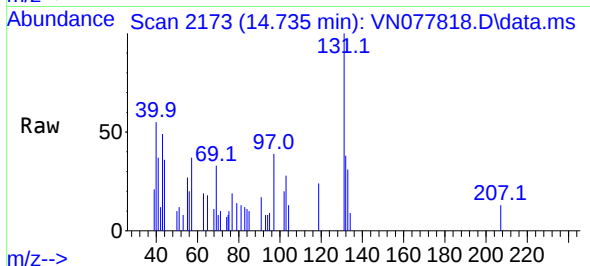




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.209 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.012 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Instrument :
MSVOA_N
ClientSampleId :
2005

Tgt Ion: 75 Resp: 255
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 34.197 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077818.D
Acq: 23 May 2023 15:54

Tgt Ion: 128 Resp: 556240
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.1 8.7 13.1

