

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756676.D
 Acq On : 09 Dec 2022 18:55
 Operator : JC\MD
 Sample : N5906-14DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 03:11:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	264649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	424145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	379476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141172	50.275	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.560%	
35) Dibromofluoromethane	8.171	113	125864	48.638	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.280%	
50) Toluene-d8	10.571	98	489646	50.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.853	95	166283	50.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.080%	

Target Compounds						Qvalue
11) Tert butyl alcohol	5.524	59	3190	7.679	ug/l #	72
13) Acrolein	4.147	56	1562	3.265	ug/l #	1
14) Allyl chloride	5.130	41	1082	0.383	ug/l #	16
15) Acrylonitrile	5.818	53	1204	1.122	ug/l #	36
16) Acetone	4.430	43	4528	4.762	ug/l #	41
18) Methyl Acetate	5.289	43	14874	4.868	ug/l #	44
19) Methyl tert-butyl Ether	5.806	73	8548	1.121	ug/l #	1
25) 2-Butanone	7.506	43	644	0.463	ug/l #	43
30) Chloroform	7.941	83	1152	0.246	ug/l #	18
31) Cyclohexane	8.259	56	26210	6.304	ug/l #	96
36) 1,1-Dichloropropene	8.230	75	18245	5.310	ug/l #	47
37) Ethyl Acetate	7.506	43	644	0.233	ug/l #	64
38) Carbon Tetrachloride	8.230	117	24953	6.293	ug/l #	15
39) Methylcyclohexane	9.606	83	20692	4.749	ug/l	94
40) Benzene	8.612	78	124512	11.807	ug/l	97
42) 1,2-Dichloroethane	8.606	62	706	0.200	ug/l	86
43) Isopropyl Acetate	8.718	43	1252	0.272	ug/l #	51
48) Methyl methacrylate	9.600	41	7664	3.613	ug/l #	80
52) Toluene	10.635	92	60872	8.733	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	1808	0.660	ug/l #	18
67) Ethyl Benzene	11.965	91	524668	39.722	ug/l	98
68) m/p-Xylenes	12.070	106	498893	93.478	ug/l	98
69) o-Xylene	12.400	106	226983	43.828	ug/l	98
70) Styrene	12.400	104	11695	1.408	ug/l #	1
71) Bromoform	12.853	173	1593	0.740	ug/l #	1
73) Isopropylbenzene	12.700	105	36461	2.716	ug/l	100
76) 1,2,3-Trichloropropane	13.100	75	3689	0.983	ug/l #	1
78) n-propylbenzene	13.035	91	128152	8.603	ug/l	99
79) 2-Chlorotoluene	13.100	91	52961	5.759	ug/l #	39
80) 1,3,5-Trimethylbenzene	13.176	105	225559	20.098	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.847	75	83439	71.204	ug/l #	13
82) 4-Chlorotoluene	13.100	91	52961	5.759	ug/l #	39
83) tert-Butylbenzene	13.482	119	100959	9.920	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.482	105	816051	72.348	ug/l	99
85) sec-Butylbenzene	13.482	105	816051	58.326	ug/l #	56
86) p-Isopropyltoluene	13.676	119	12056	1.030	ug/l	96

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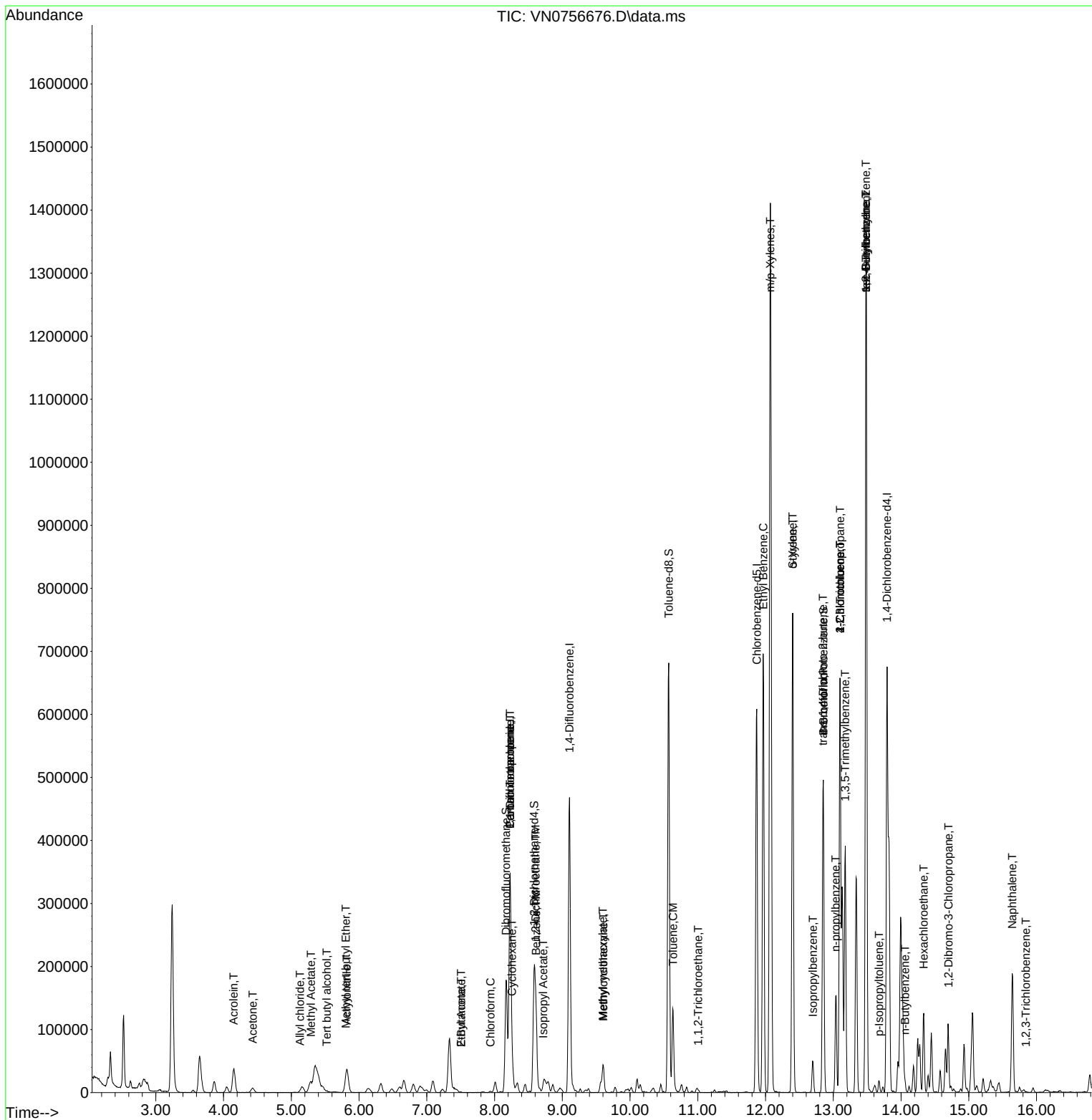
Instrument :
MSVOA_N
ClientSampleId :

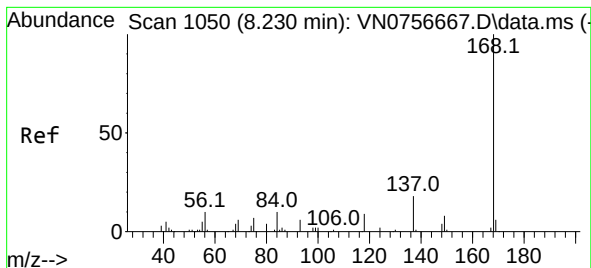
Quant Time: Dec 12 03:11:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.059	91	7837	0.835	ug/l #	76
90) Hexachloroethane	14.335	117	6628	3.305	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.700	75	311	0.469	ug/l #	1
95) Naphthalene	15.641	128	188308	21.125	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	636	0.215	ug/l #	79

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

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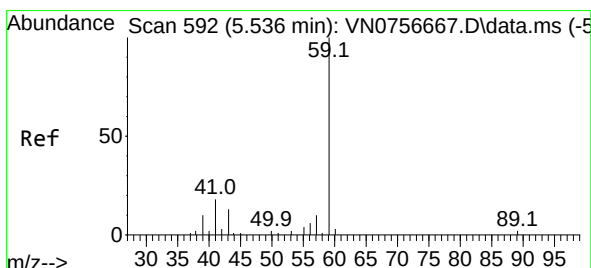
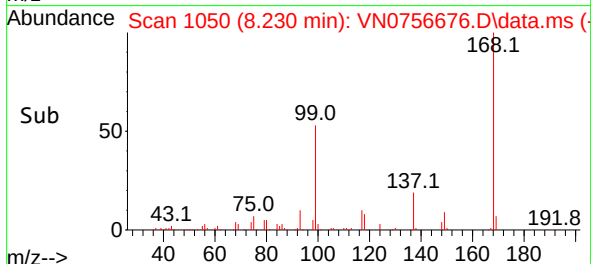
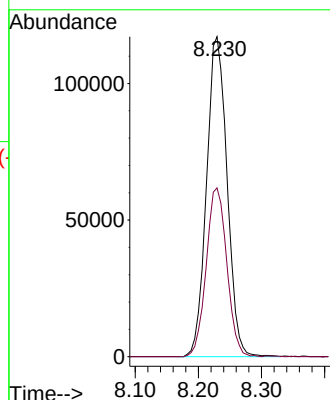
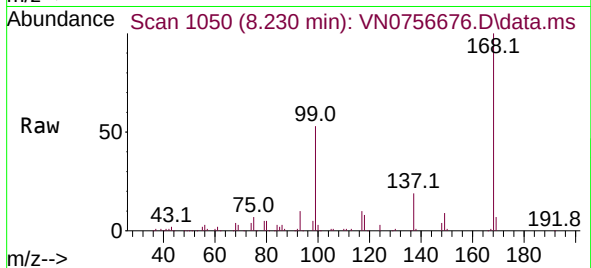




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

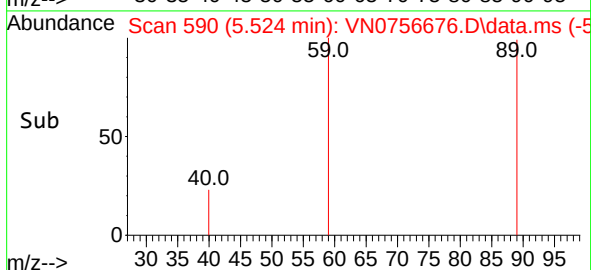
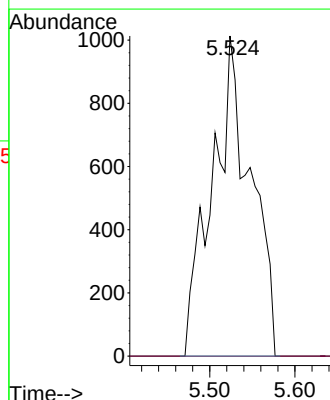
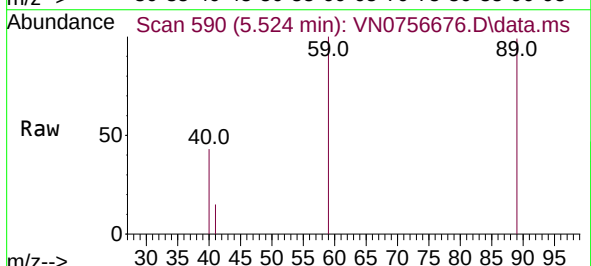
Instrument :
MSVOA_N
ClientSampleId :

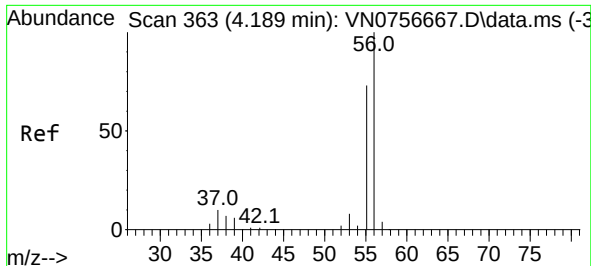
Tgt Ion:168 Resp: 264649
Ion Ratio Lower Upper
168 100
99 52.8 41.2 61.8



#11
Tert butyl alcohol
Concen: 7.679 ug/l
RT: 5.524 min Scan# 590
Delta R.T. -0.012 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 59 Resp: 3190
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 3.265 ug/l

RT: 4.147 min Scan# 3

Delta R.T. -0.041 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

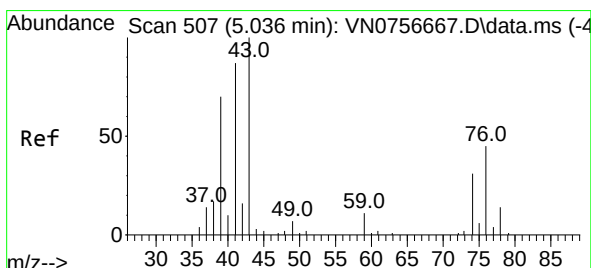
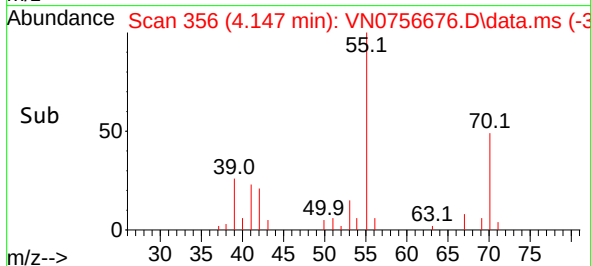
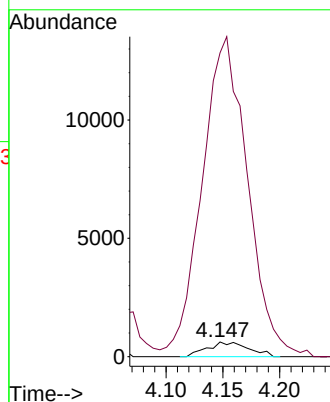
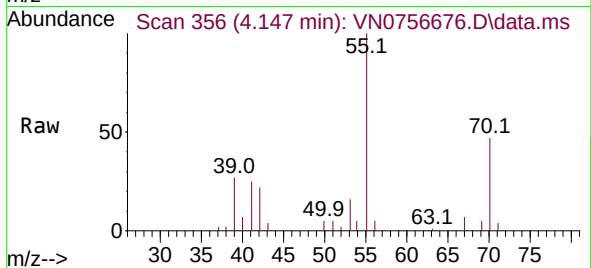
ClientSampleId :

Tgt Ion: 56 Resp: 1562

Ion Ratio Lower Upper

56 100

55 2412.9 55.7 83.5#



#14

Allyl chloride

Concen: 0.383 ug/l

RT: 5.130 min Scan# 523

Delta R.T. 0.094 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

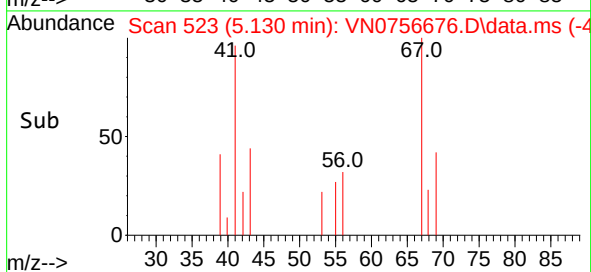
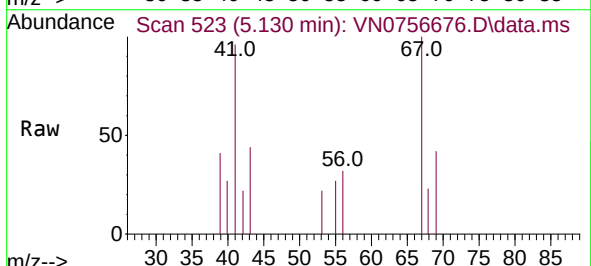
Tgt Ion: 41 Resp: 1082

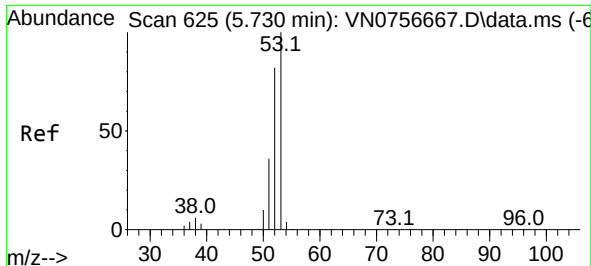
Ion Ratio Lower Upper

41 100

39 0.0 64.6 96.8#

76 0.0 40.9 61.3#

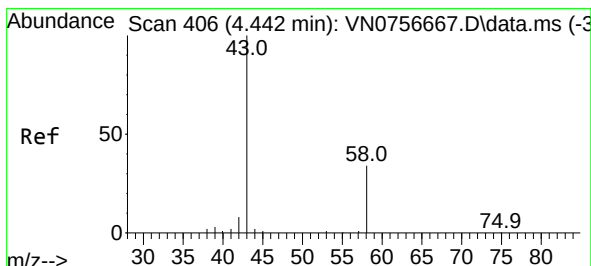
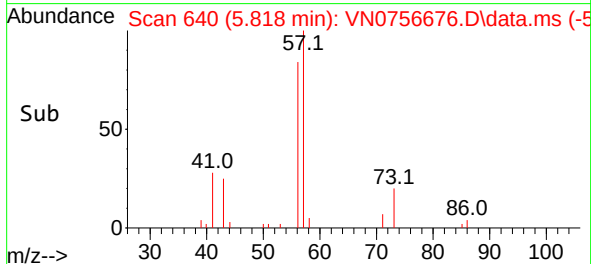
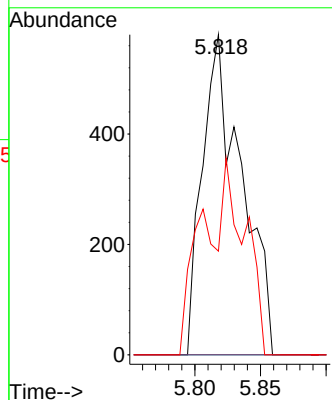
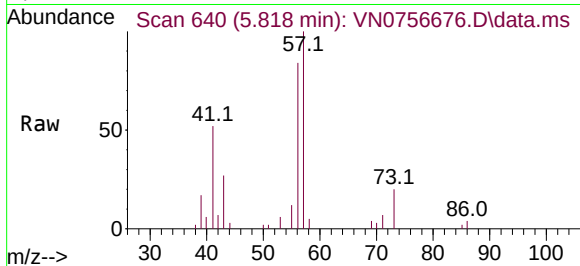




#15
Acrylonitrile
Concen: 1.122 ug/l
RT: 5.818 min Scan# 64
Delta R.T. 0.088 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

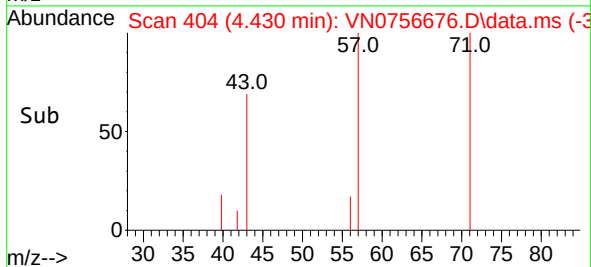
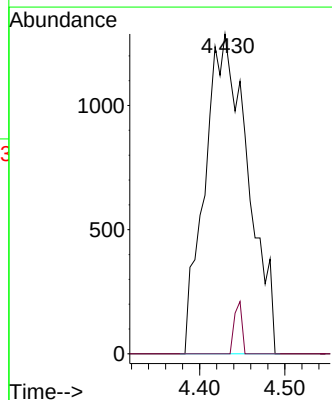
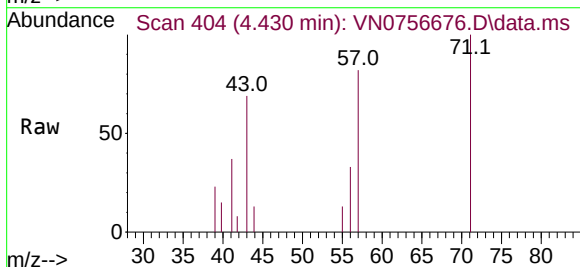
Instrument :
MSVOA_N
ClientSampleId :

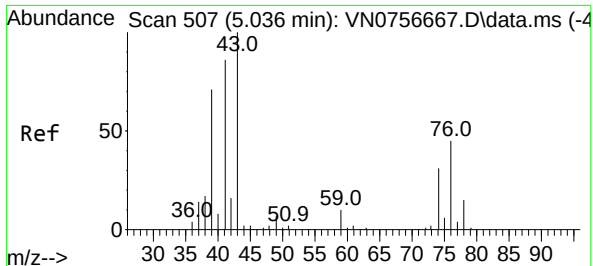
Tgt Ion: 53 Resp: 1204
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 35.2 28.9 43.3



#16
Acetone
Concen: 4.762 ug/l
RT: 4.430 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 43 Resp: 4528
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#





#18

Methyl Acetate

Concen: 4.868 ug/l

RT: 5.289 min Scan# 507

Delta R.T. 0.253 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

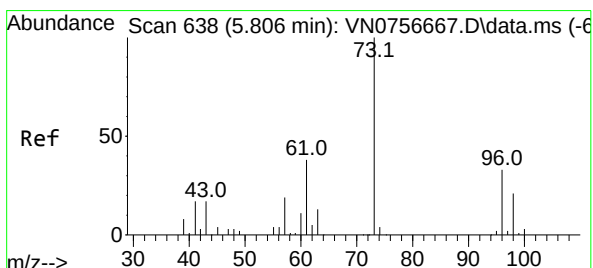
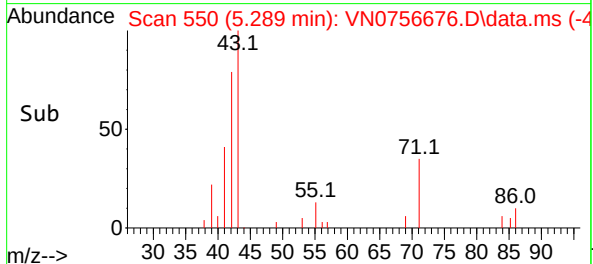
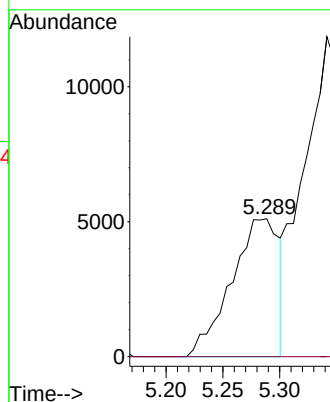
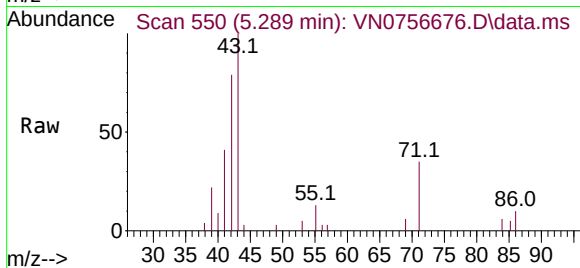
ClientSampleId :

Tgt Ion: 43 Resp: 14874

Ion Ratio Lower Upper

43 100

74 0.0 24.5 36.7#



#19

Methyl tert-butyl Ether

Concen: 1.121 ug/l

RT: 5.806 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN0756676.D

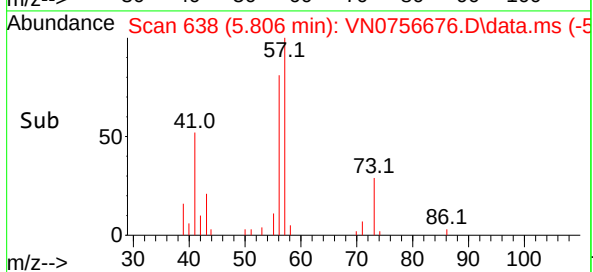
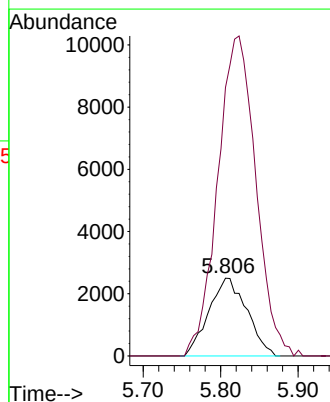
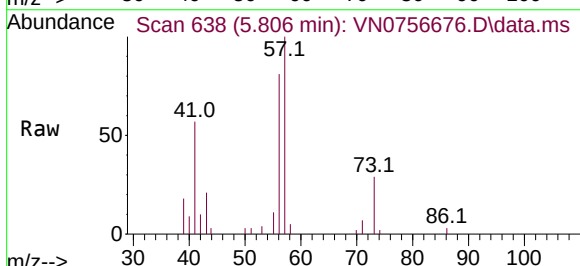
Acq: 09 Dec 2022 18:55

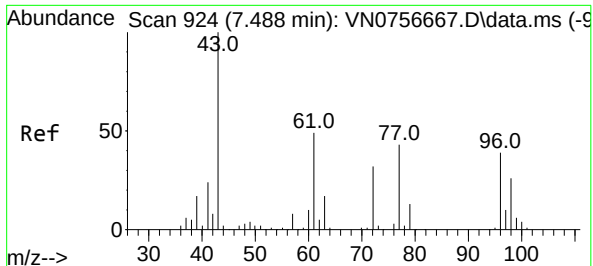
Tgt Ion: 73 Resp: 8548

Ion Ratio Lower Upper

73 100

57 345.1 15.1 22.7#





#25

2-Butanone

Concen: 0.463 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

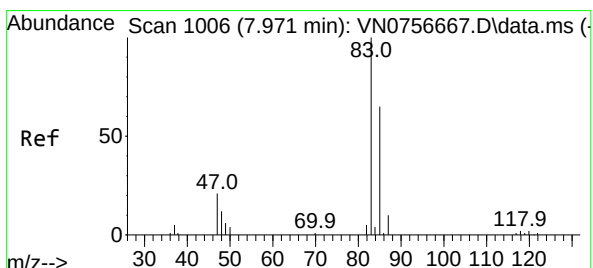
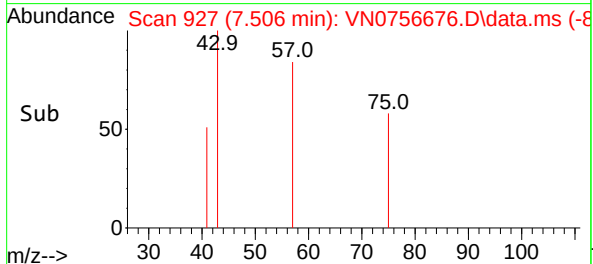
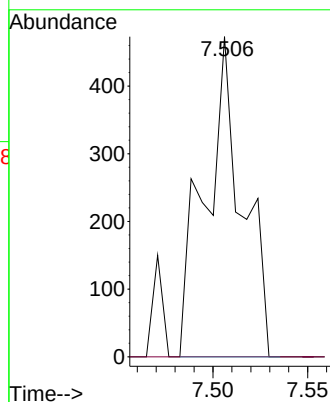
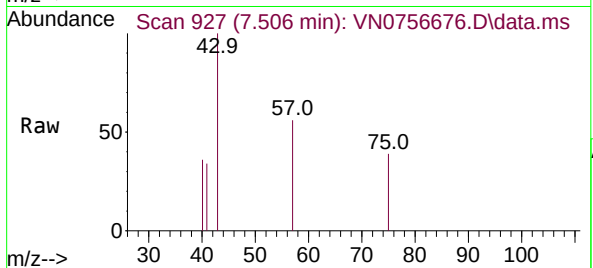
ClientSampleId :

Tgt Ion: 43 Resp: 644

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#



#30

Chloroform

Concen: 0.246 ug/l

RT: 7.941 min Scan# 1001

Delta R.T. -0.029 min

Lab File: VN0756676.D

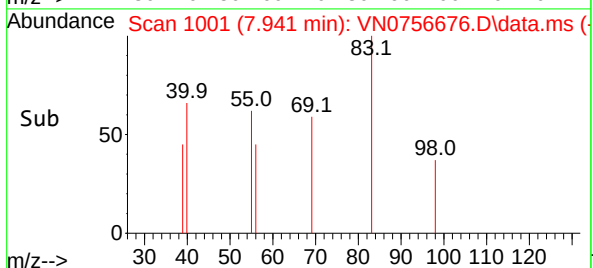
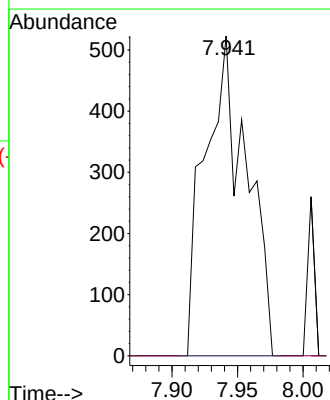
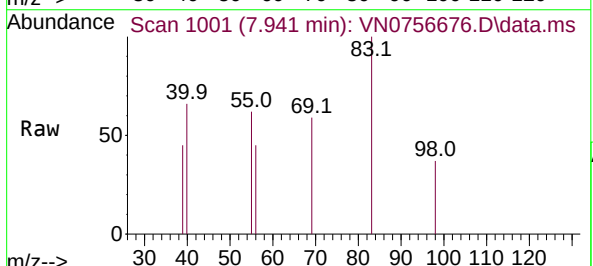
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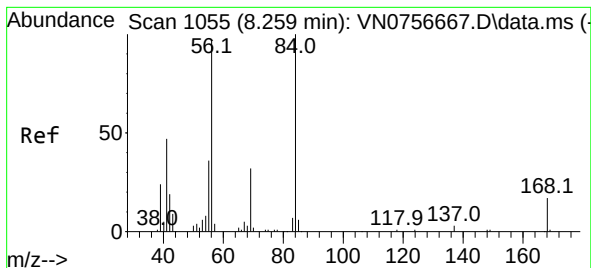
Tgt Ion: 83 Resp: 1152

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#





#31

Cyclohexane

Concen: 6.304 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

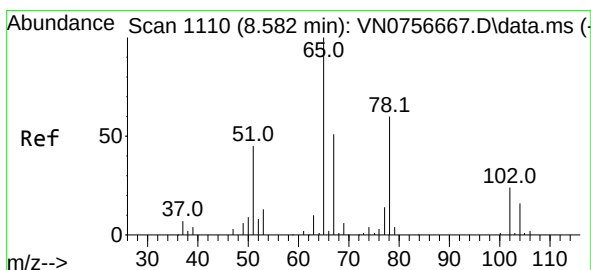
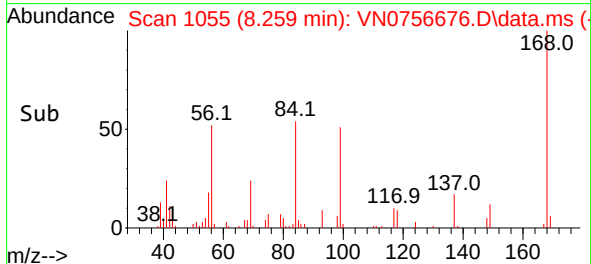
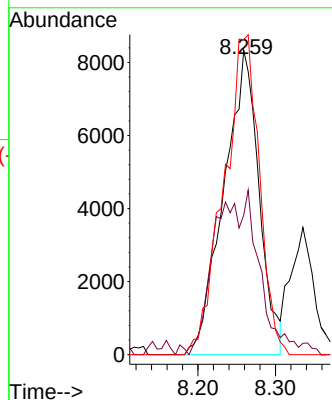
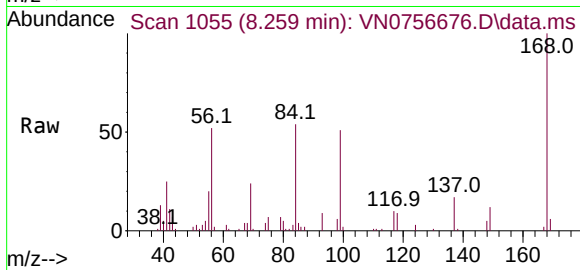
Tgt Ion: 56 Resp: 26210

Ion Ratio Lower Upper

56 100

69 42.6 26.2 39.2#

84 103.5 82.8 124.2



#33

1,2-Dichloroethane-d4

Concen: 50.275 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN0756676.D

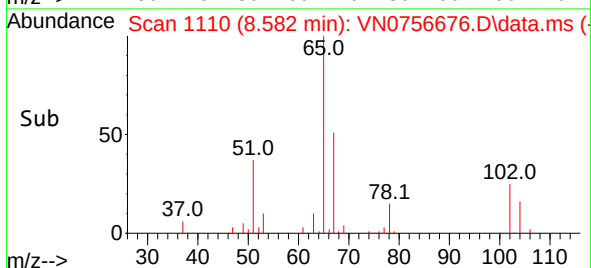
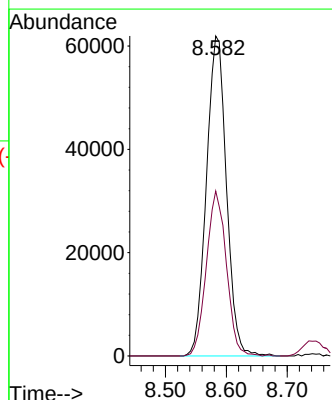
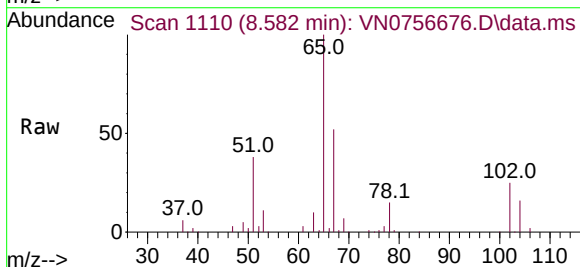
Acq: 09 Dec 2022 18:55

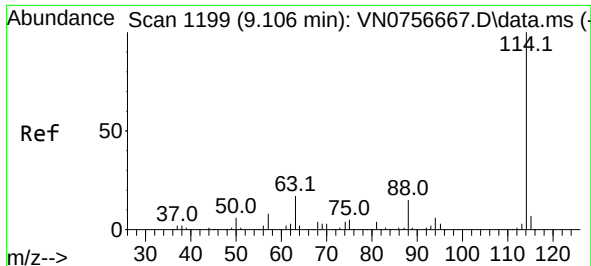
Tgt Ion: 65 Resp: 141172

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

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MSVOA_N

ClientSampleId :

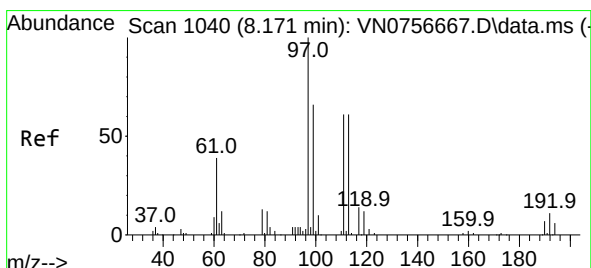
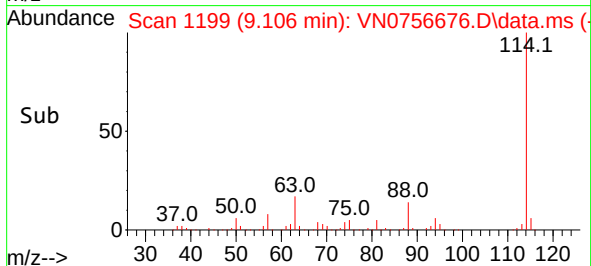
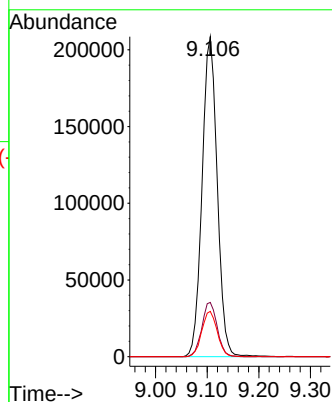
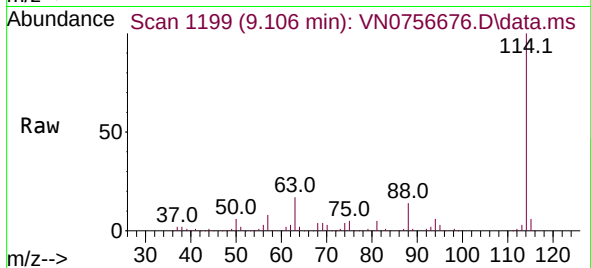
Tgt Ion:114 Resp: 424145

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

88 14.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 48.638 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

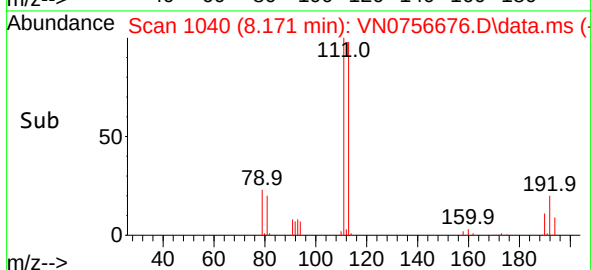
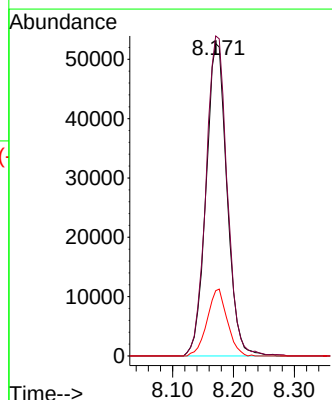
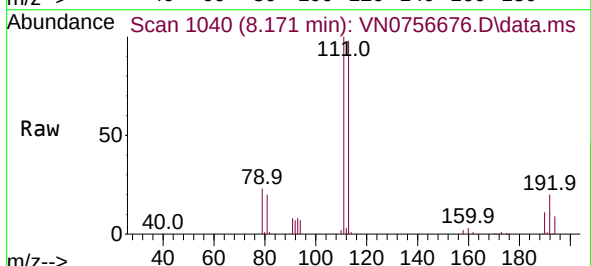
Tgt Ion:113 Resp: 125864

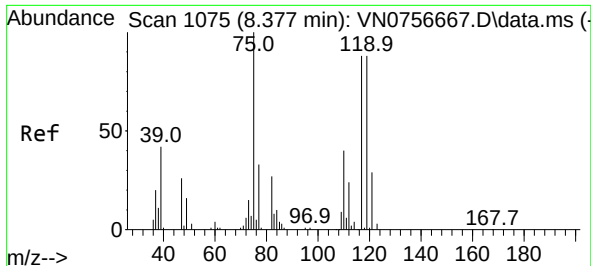
Ion Ratio Lower Upper

113 100

111 103.9 81.0 121.6

192 20.5 16.2 24.2

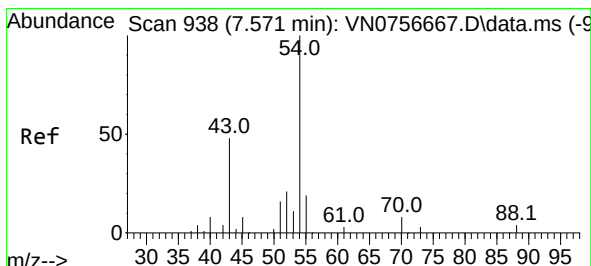
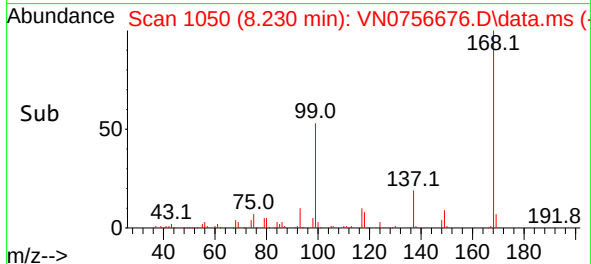
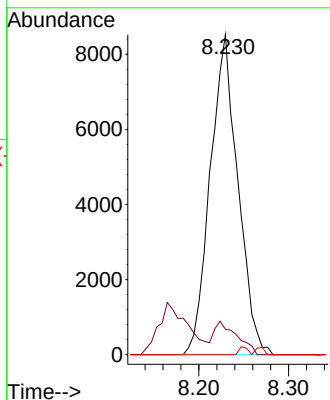
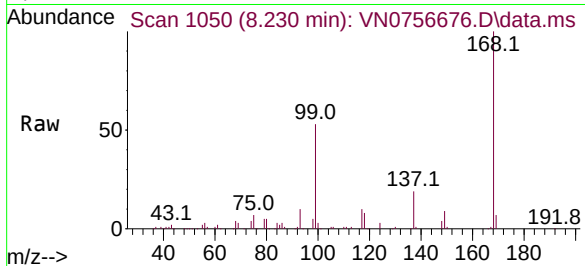




#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

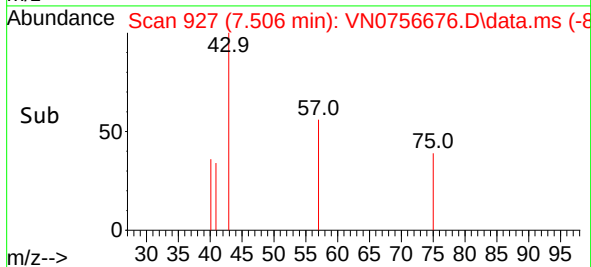
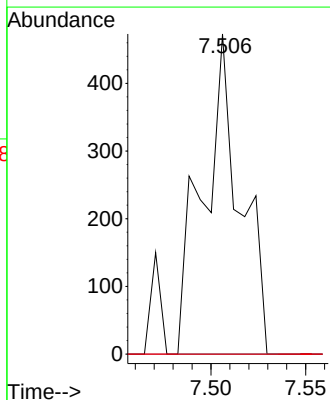
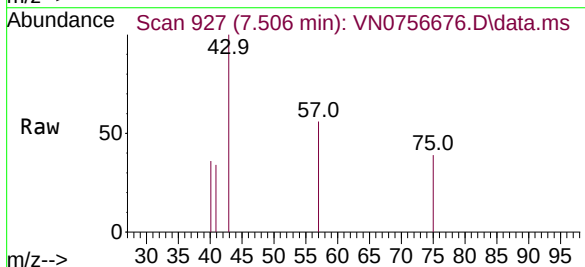
Instrument :
MSVOA_N
ClientSampleId :

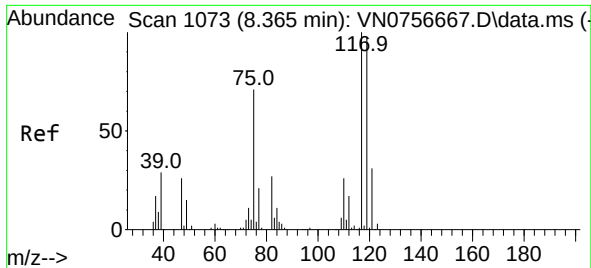
Tgt Ion: 75 Resp: 18245
Ion Ratio Lower Upper
75 100
110 8.5 18.9 56.9#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 0.233 ug/l
RT: 7.506 min Scan# 927
Delta R.T. -0.065 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 0.0 9.9 14.9#

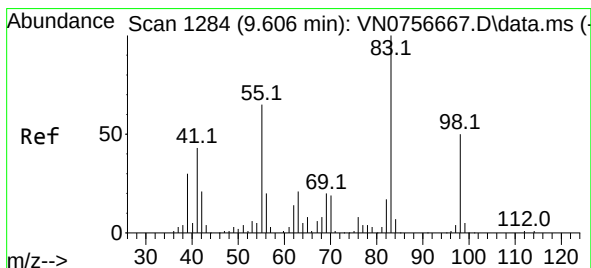
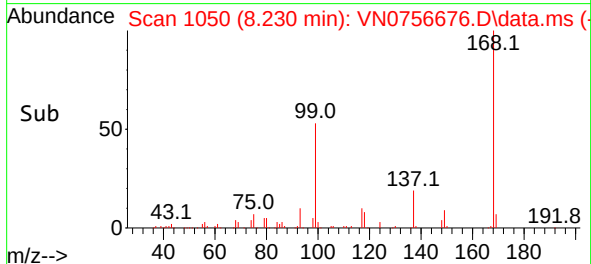
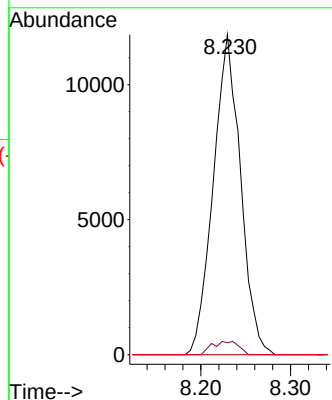
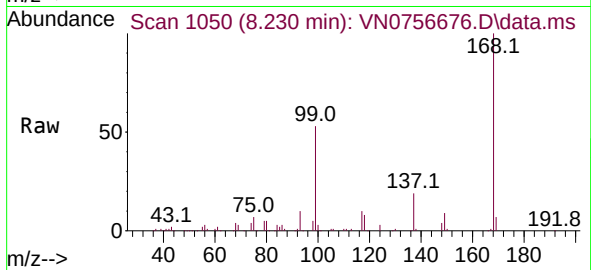




#38
Carbon Tetrachloride
Concen: 6.293 ug/l
RT: 8.230 min Scan# 1073
Delta R.T. -0.135 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

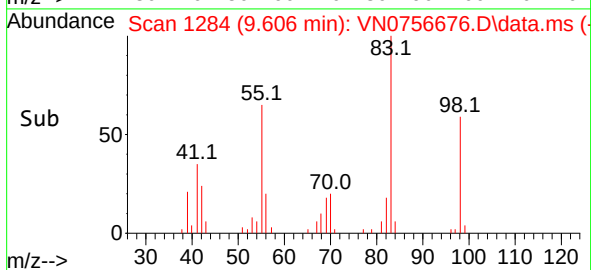
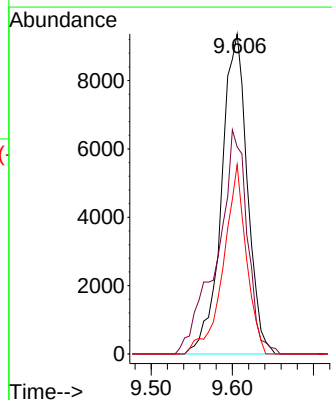
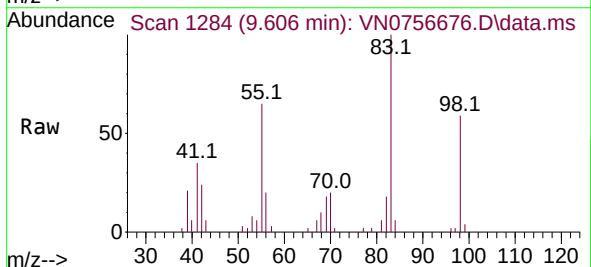
Instrument :
MSVOA_N
ClientSampleId :

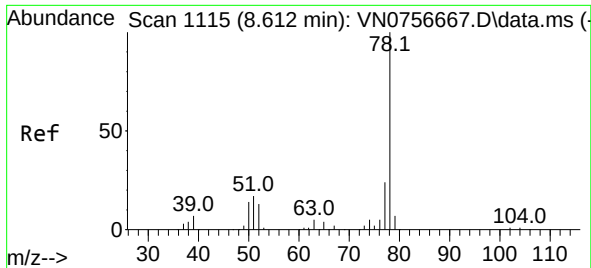
Tgt Ion:117 Resp: 24953
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 4.749 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 83 Resp: 20692
Ion Ratio Lower Upper
83 100
55 64.7 51.6 77.4
98 59.1 39.8 59.8

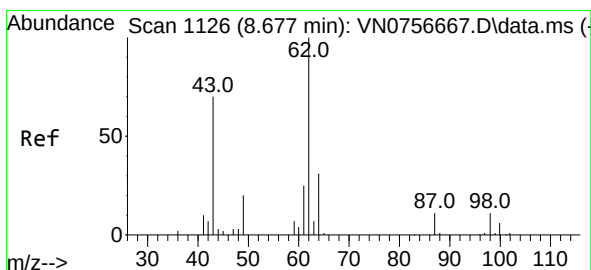
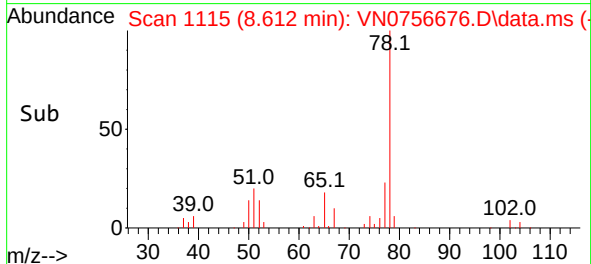
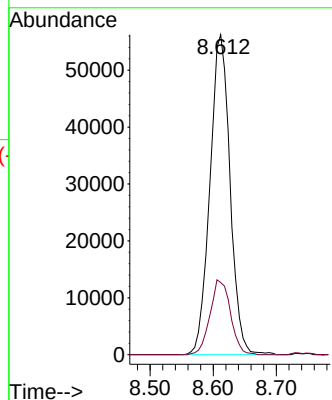
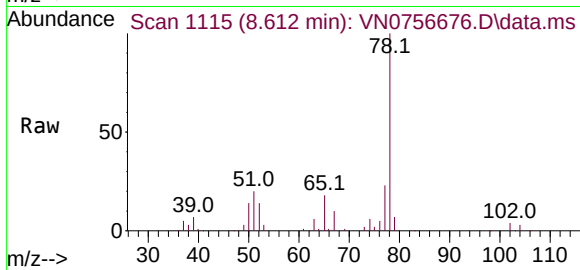




#40
Benzene
Concen: 11.807 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 18:55

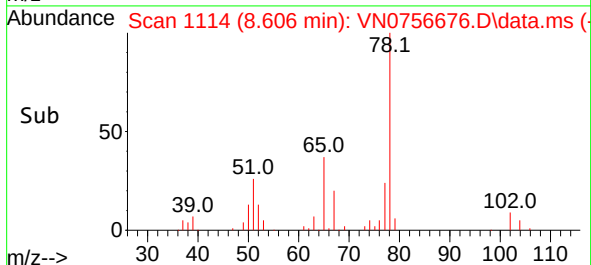
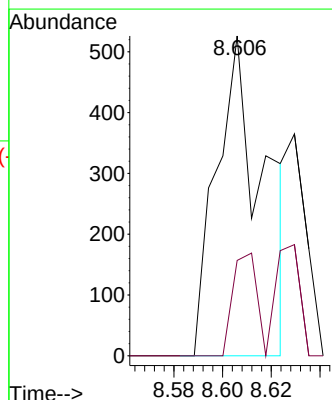
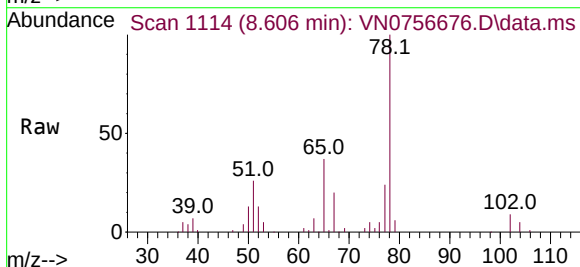
Instrument :
MSVOA_N
ClientSampleId :

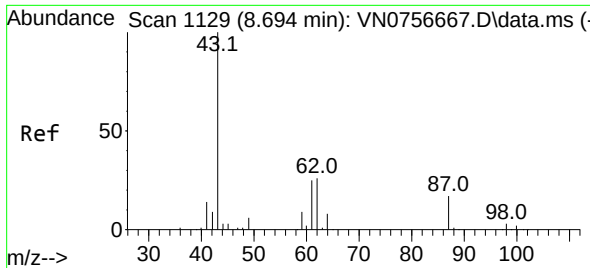
Tgt Ion: 78 Resp: 124512
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7



#42
1,2-Dichloroethane
Concen: 0.200 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.071 min
Lab File: VN075667.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 62 Resp: 706
Ion Ratio Lower Upper
62 100
98 16.3 0.0 21.8

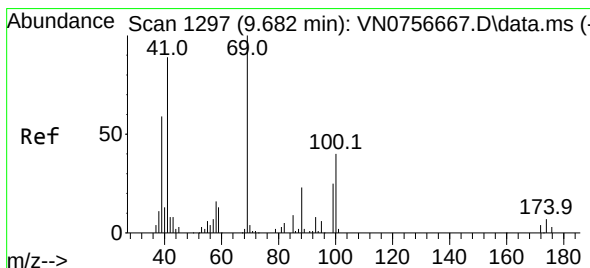
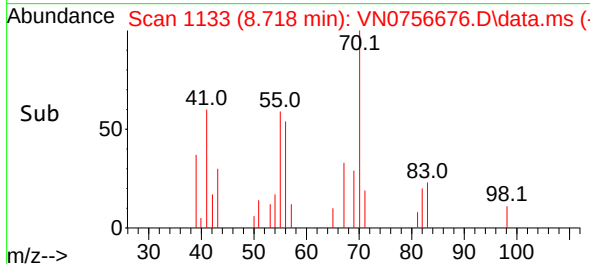
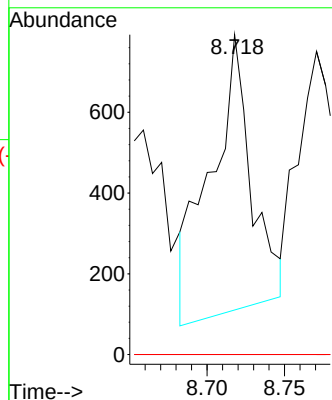
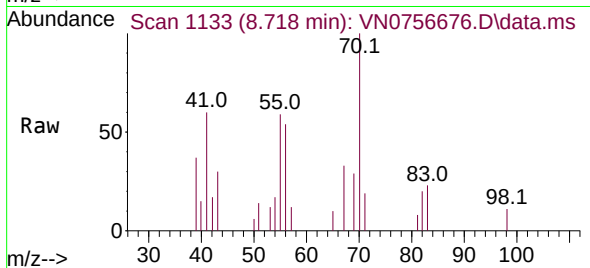




#43
Isopropyl Acetate
Concen: 0.272 ug/l
RT: 8.718 min Scan# 1129
Delta R.T. 0.024 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

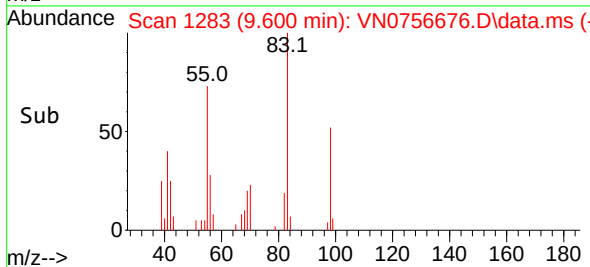
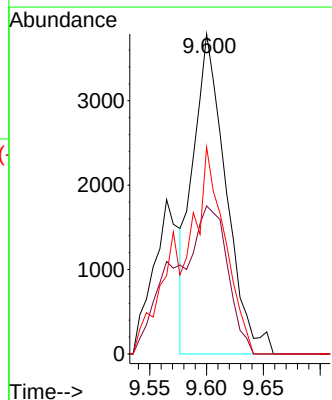
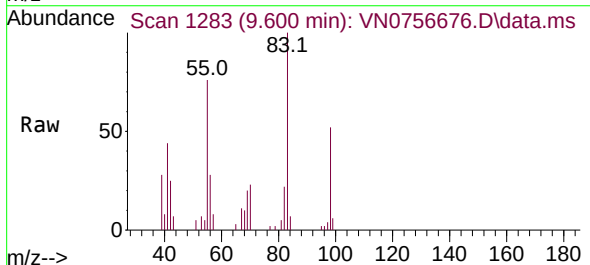
Instrument :
MSVOA_N
ClientSampleId :

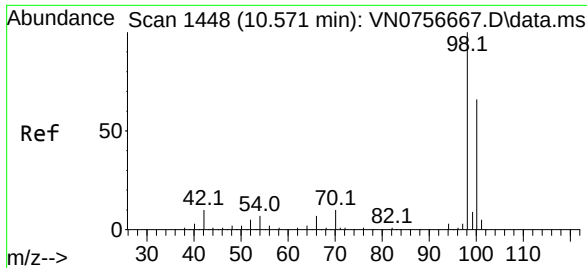
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 13.7 20.5#



#48
Methyl methacrylate
Concen: 3.613 ug/l
RT: 9.600 min Scan# 1283
Delta R.T. -0.082 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 41 Resp: 7664
Ion Ratio Lower Upper
41 100
69 74.2 82.5 123.7#
39 60.7 53.2 79.8

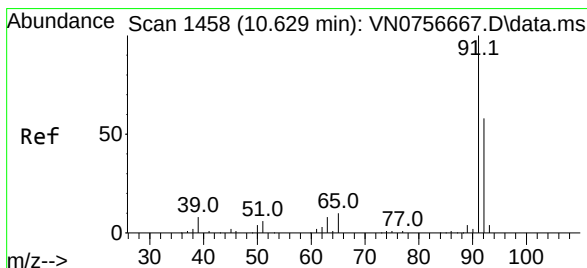
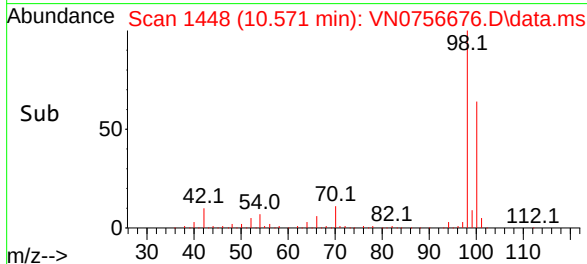
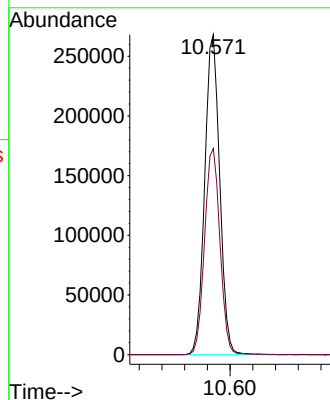
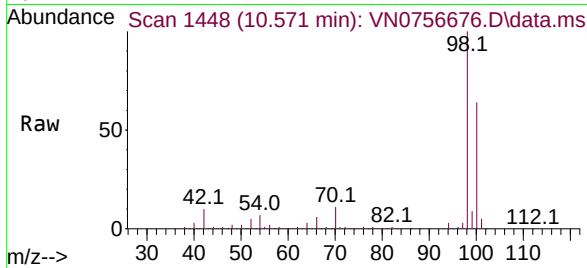




#50
Toluene-d8
Concen: 50.384 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

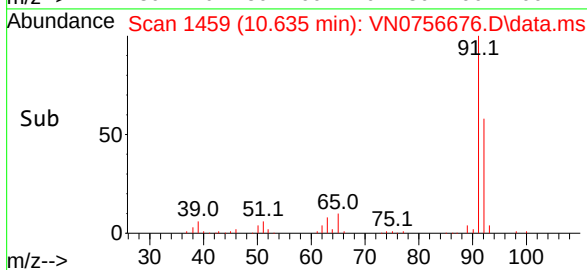
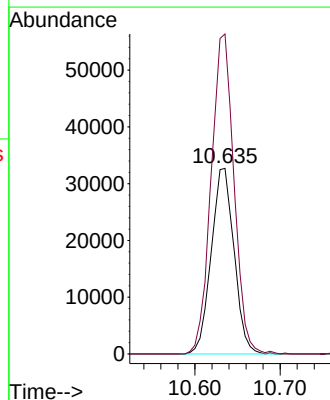
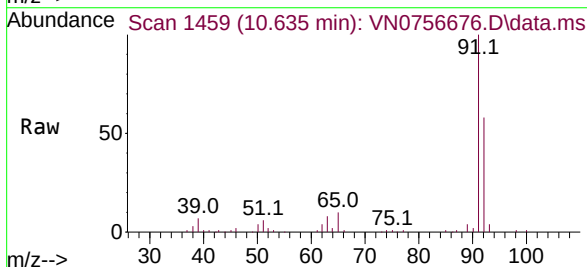
Instrument :
MSVOA_N
ClientSampleId :

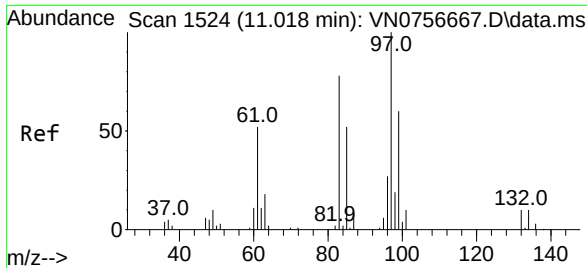
Tgt Ion: 98 Resp: 489646
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#52
Toluene
Concen: 8.733 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

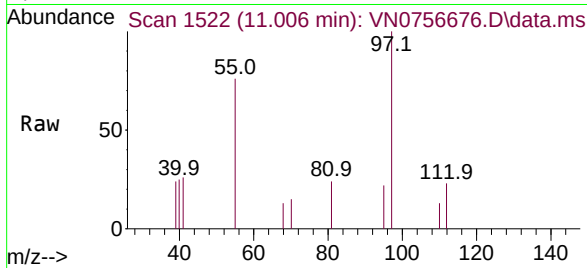
Tgt Ion: 92 Resp: 60872
Ion Ratio Lower Upper
92 100
91 172.6 137.9 206.9



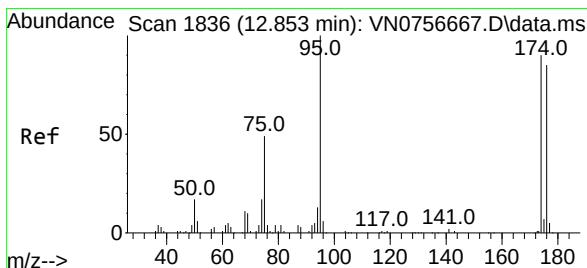
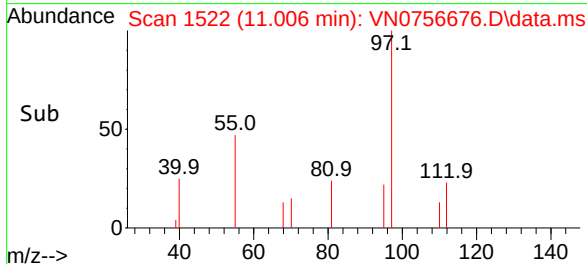
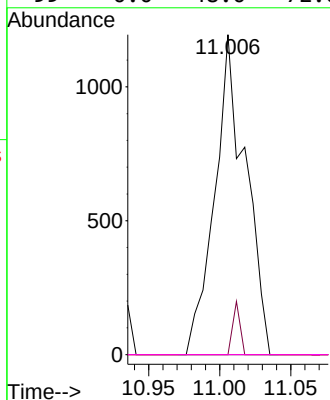


#55
 1,1,2-Trichloroethane
 Concen: 0.660 ug/l
 RT: 11.006 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

Instrument :
 MSVOA_N
 ClientSampleId :

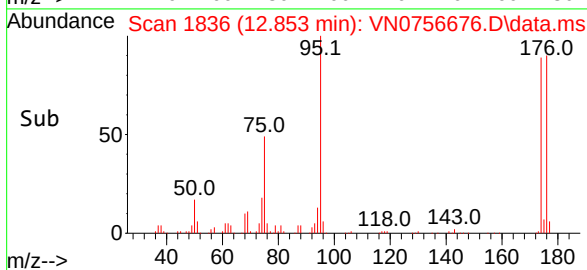
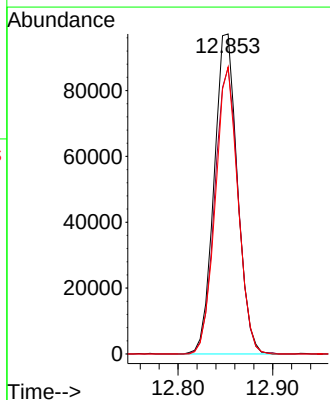
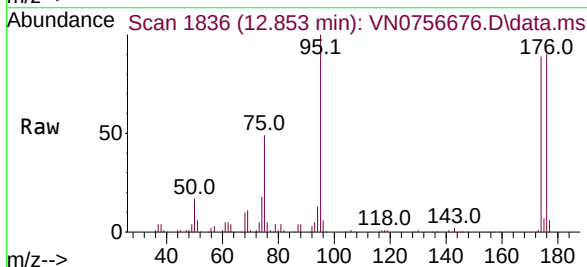


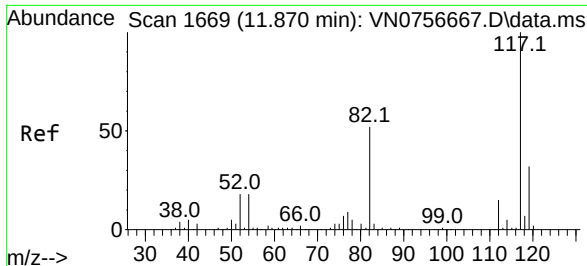
Tgt Ion: 97	Resp: 1808
Ion Ratio	Lower Upper
97 100	
83 0.0	62.7 94.1#
85 0.0	41.8 62.6#
99 0.0	48.0 72.0#



#62
 4-Bromofluorobenzene
 Concen: 50.044 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

Tgt Ion: 95	Resp: 166283
Ion Ratio	Lower Upper
95 100	
174 89.6	0.0 178.6
176 86.9	0.0 170.8

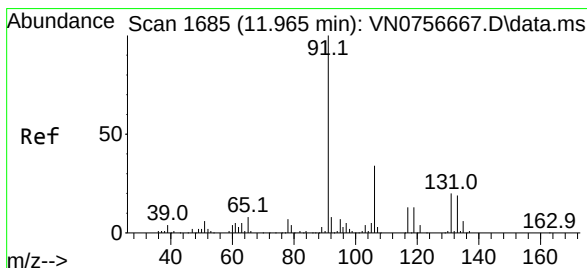
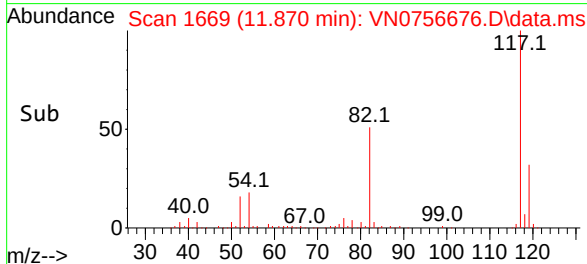
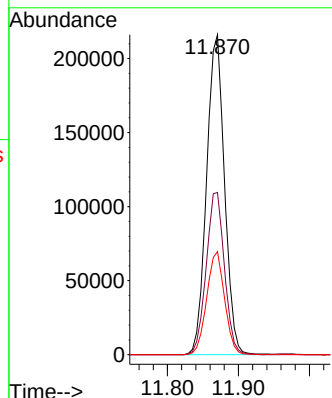
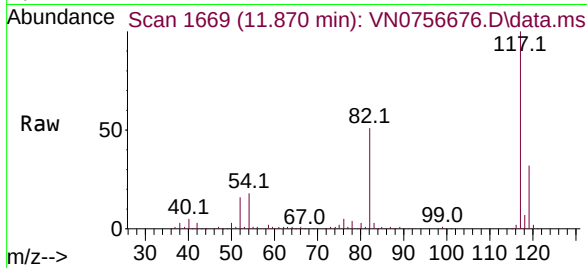




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 18:55

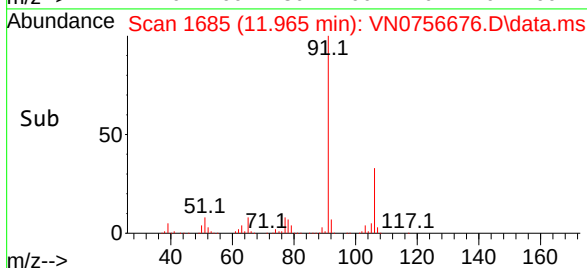
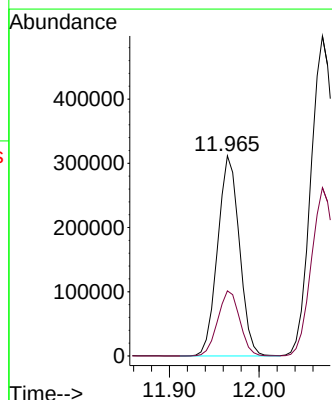
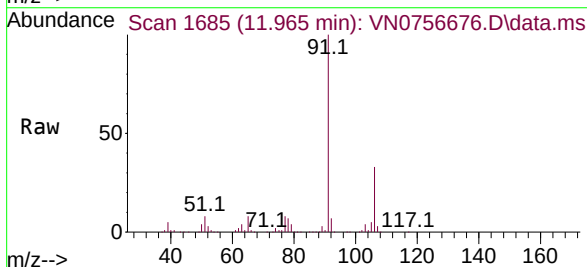
Instrument :
MSVOA_N
ClientSampleId :

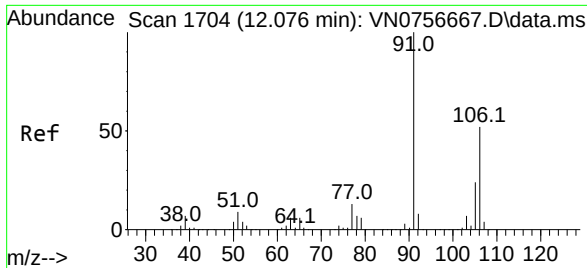
Tgt Ion:117 Resp: 379476
Ion Ratio Lower Upper
117 100
82 50.7 41.8 62.8
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 39.722 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 91 Resp: 524668
Ion Ratio Lower Upper
91 100
106 32.6 26.9 40.3

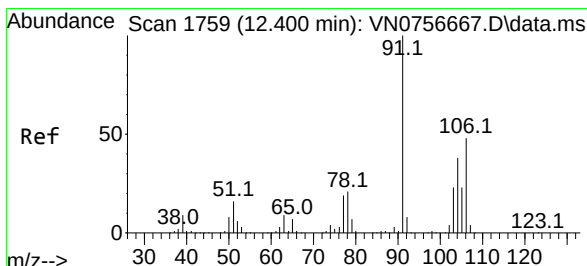
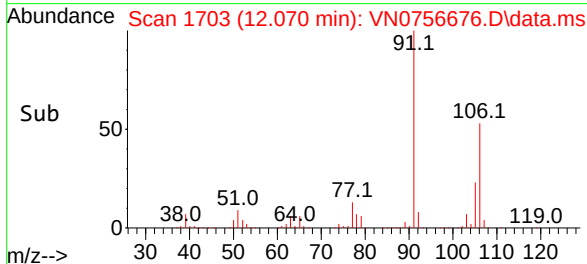
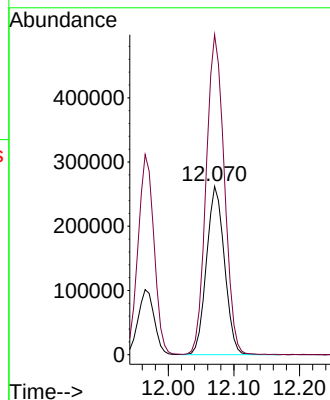
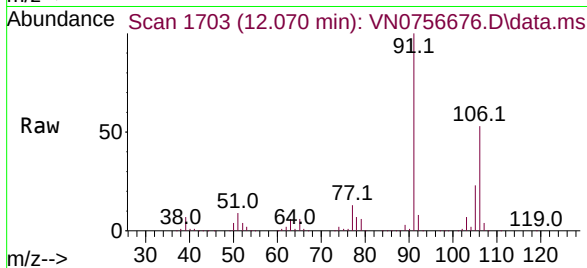




#68
m/p-Xylenes
Concen: 93.478 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

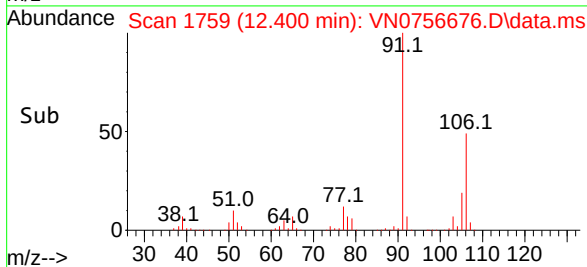
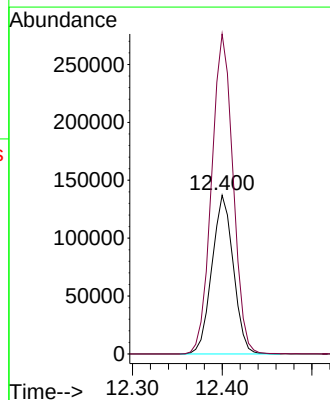
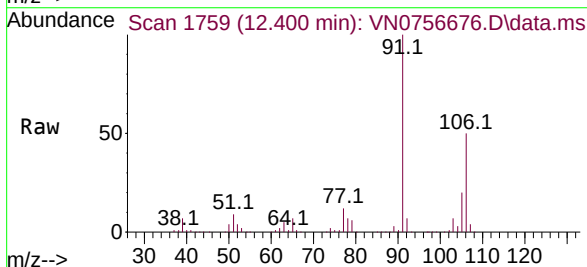
Instrument :
MSVOA_N
ClientSampleId :

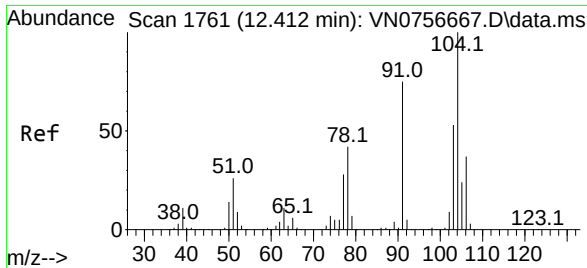
Tgt Ion:106 Resp: 498893
Ion Ratio Lower Upper
106 100
91 192.6 156.2 234.4



#69
o-Xylene
Concen: 43.828 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion:106 Resp: 226983
Ion Ratio Lower Upper
106 100
91 202.4 102.8 308.5

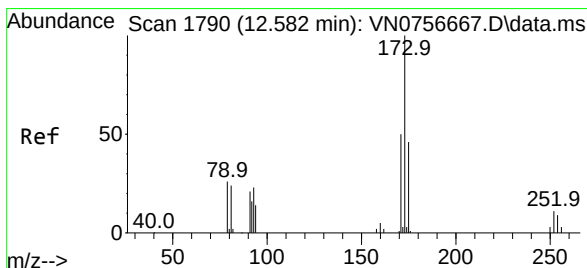
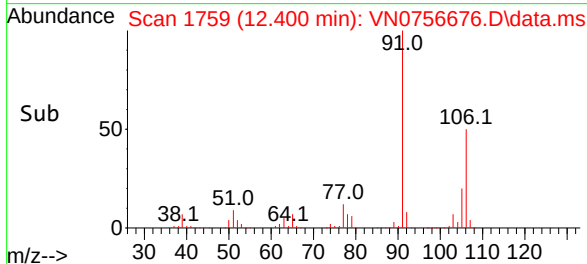
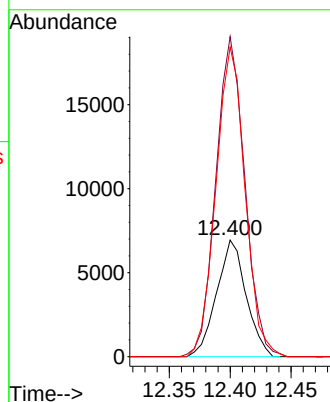
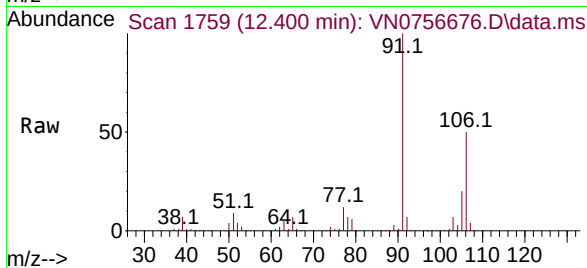




#70
 Styrene
 Concen: 1.408 ug/l
 RT: 12.400 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

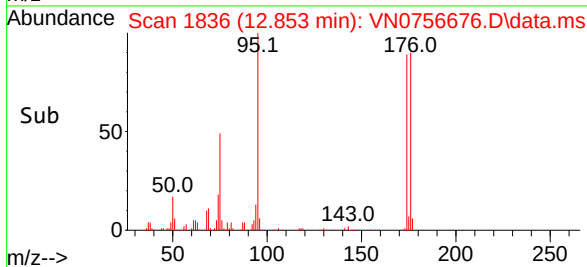
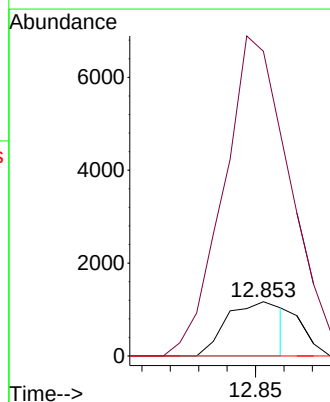
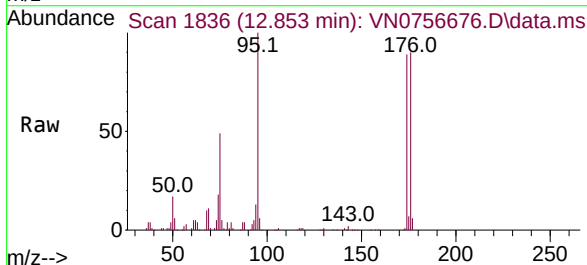
Instrument :
 MSVOA_N
 ClientSampleId :

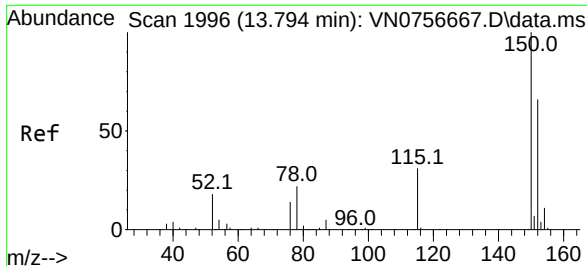
Tgt Ion:104 Resp: 11695
 Ion Ratio Lower Upper
 104 100
 78 269.2 36.7 55.1#
 103 262.1 44.0 66.0#



#71
 Bromoform
 Concen: 0.740 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.271 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

Tgt Ion:173 Resp: 1593
 Ion Ratio Lower Upper
 173 100
 175 583.6 23.8 71.2#
 254 0.0 0.0 0.0

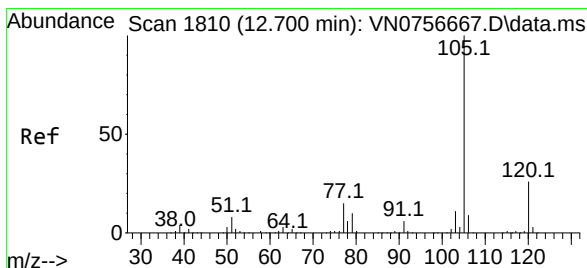
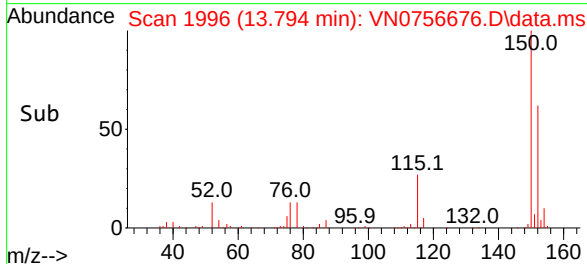
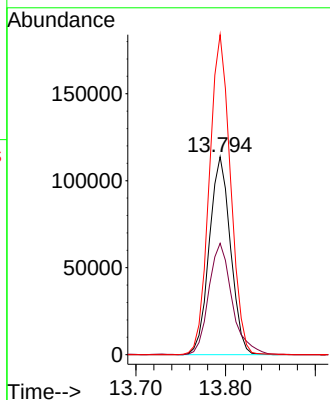
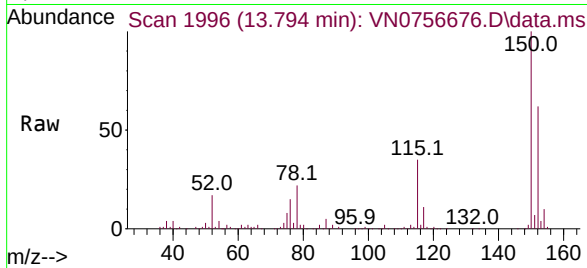




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

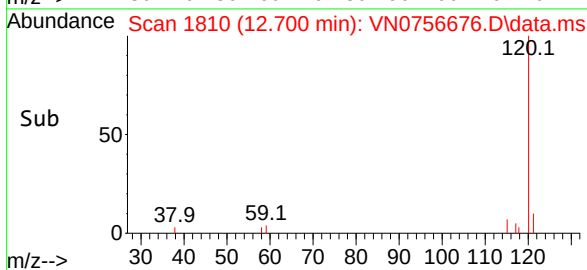
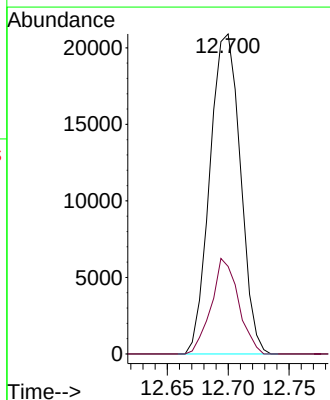
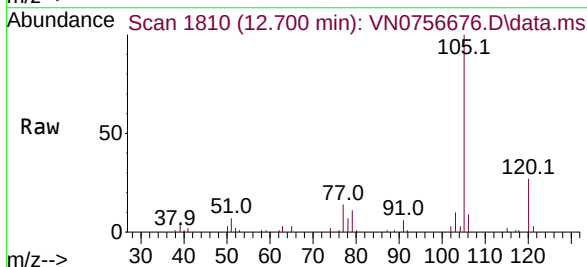
Instrument :
MSVOA_N
ClientSampleId :

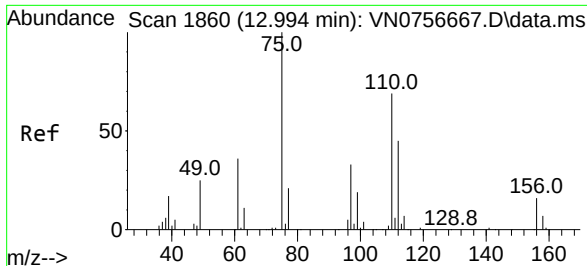
Tgt Ion:152 Resp: 186952
Ion Ratio Lower Upper
152 100
115 61.9 28.4 85.2
150 161.4 0.0 347.6



#73
Isopropylbenzene
Concen: 2.716 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion:105 Resp: 36461
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

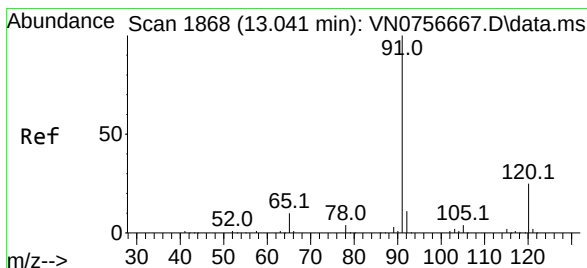
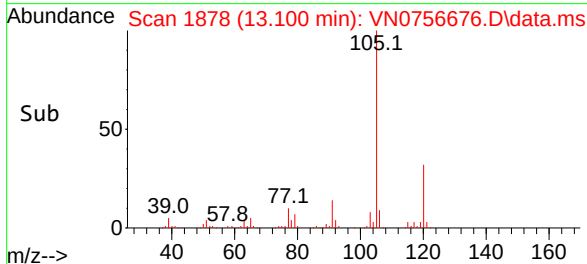
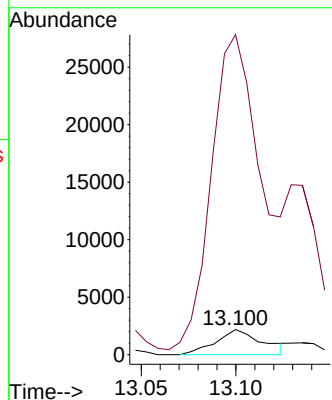
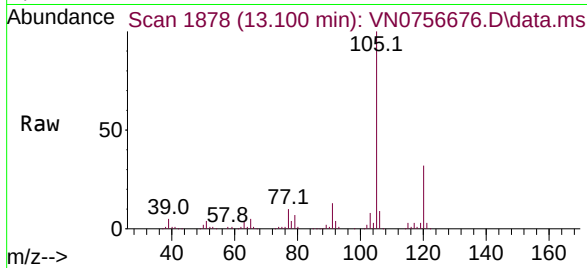




#76
1,2,3-Trichloropropane
Concen: 0.983 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

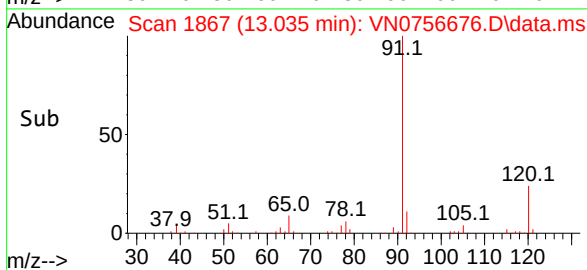
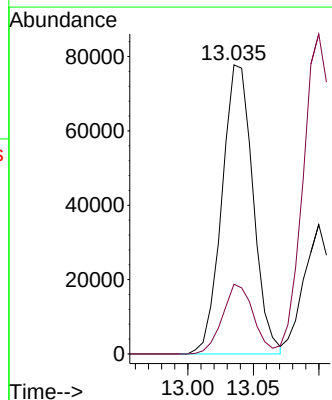
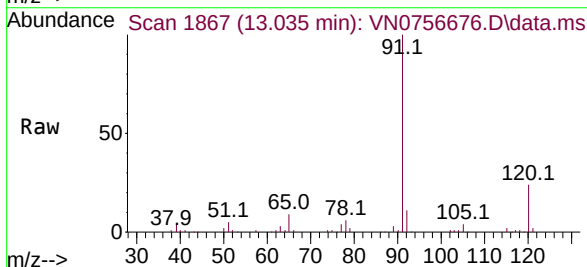
Instrument :
MSVOA_N
ClientSampleId :

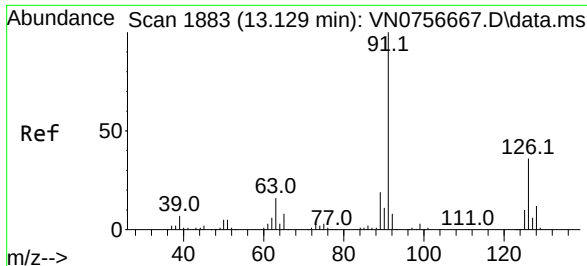
Tgt Ion: 75 Resp: 3689
Ion Ratio Lower Upper
75 100
77 1373.4 81.8 245.4#



#78
n-propylbenzene
Concen: 8.603 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 91 Resp: 128152
Ion Ratio Lower Upper
91 100
120 23.9 12.1 36.3





#79

2-Chlorotoluene

Concen: 5.759 ug/l

RT: 13.100 min Scan# 1878

Delta R.T. -0.029 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

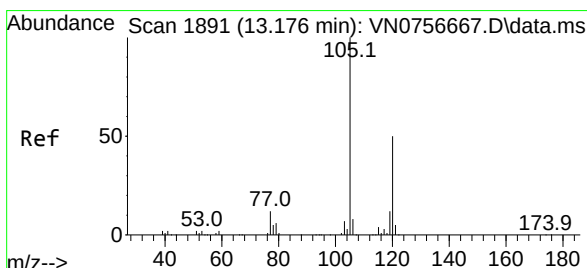
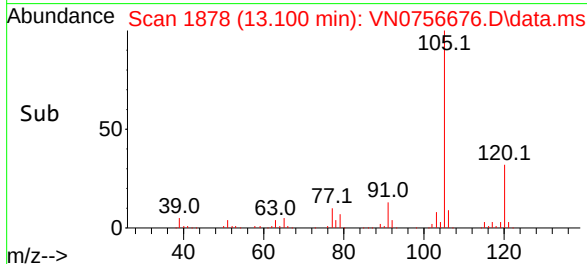
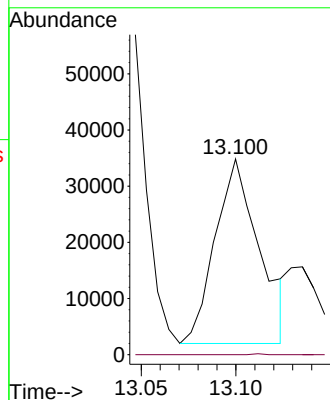
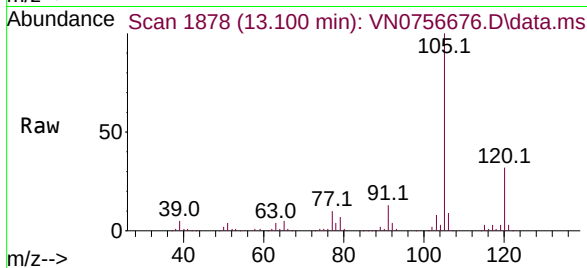
ClientSampleId :

Tgt Ion: 91 Resp: 52961

Ion Ratio Lower Upper

91 100

126 0.1 17.8 53.4#



#80

1,3,5-Trimethylbenzene

Concen: 20.098 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN0756676.D

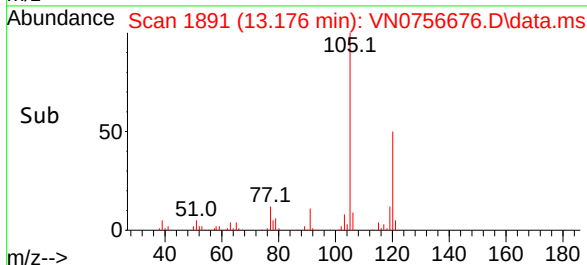
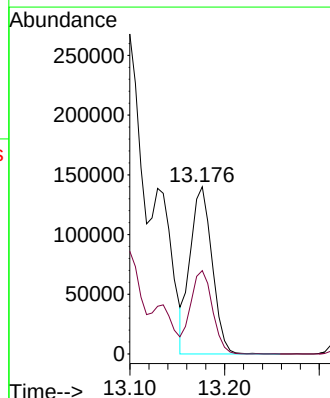
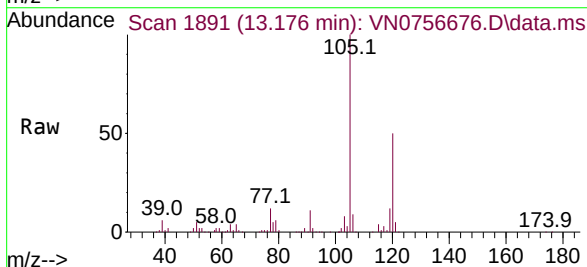
Acq: 09 Dec 2022 18:55

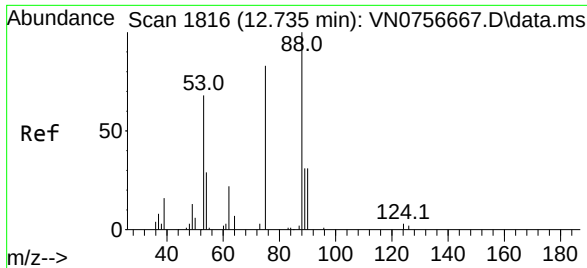
Tgt Ion: 105 Resp: 225559

Ion Ratio Lower Upper

105 100

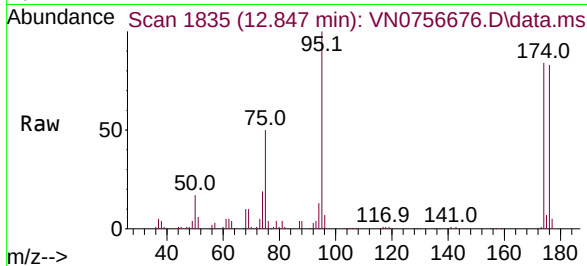
120 49.8 24.9 74.6



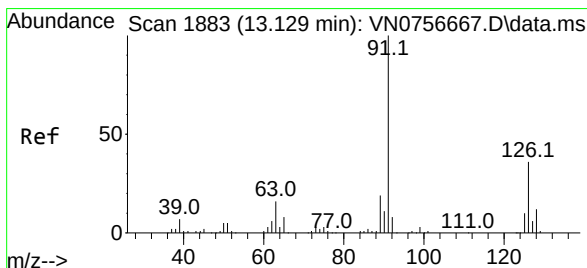
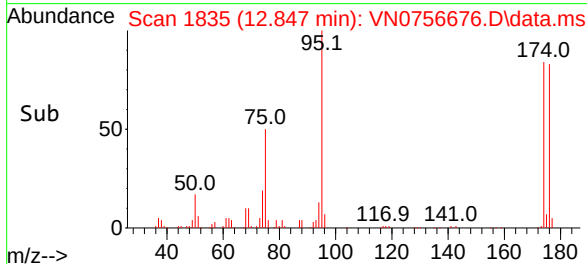
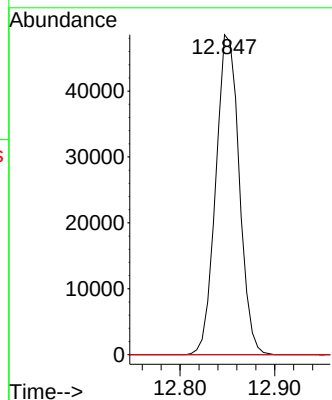


#81
trans-1,4-Dichloro-2-butene
Concen: 71.204 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Instrument :
MSVOA_N
ClientSampleId :

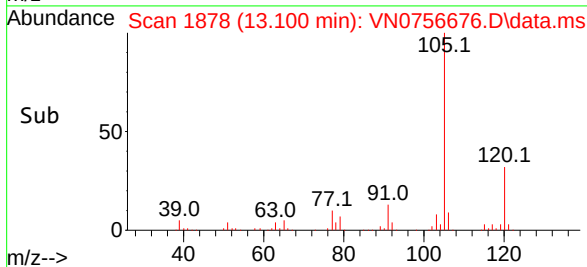
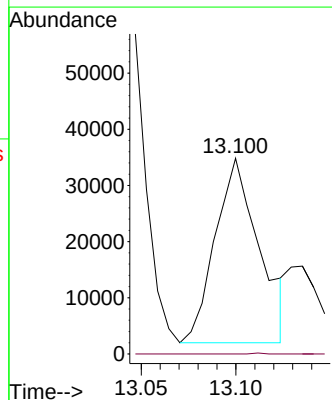
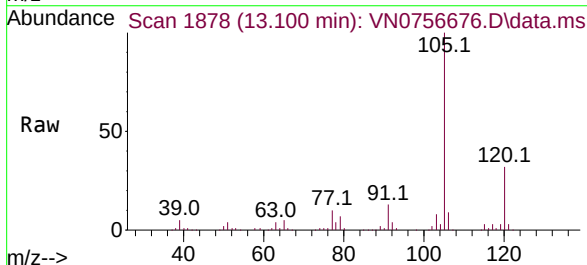


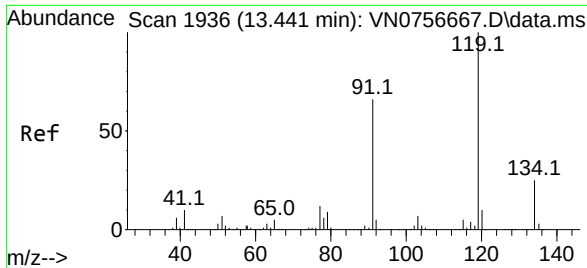
Tgt Ion: 75 Resp: 83439
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#



#82
4-Chlorotoluene
Concen: 5.759 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 91 Resp: 52961
Ion Ratio Lower Upper
91 100
126 0.1 17.8 53.4#

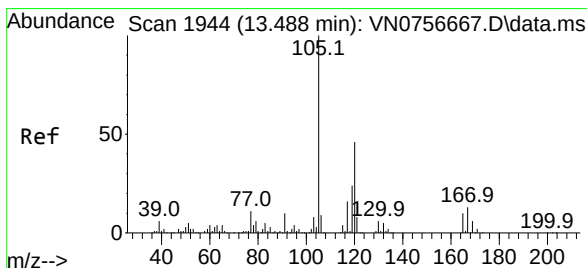
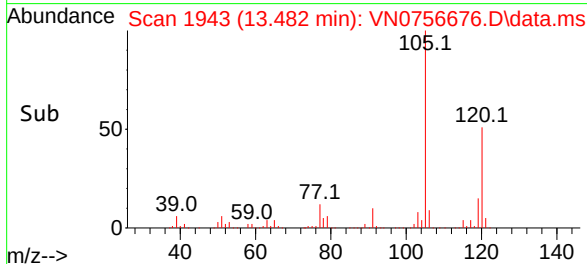
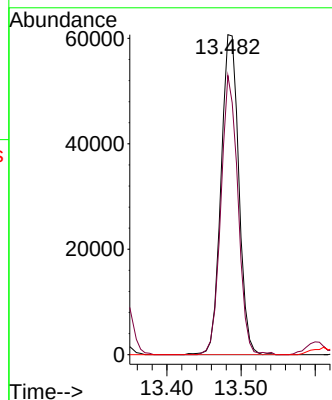
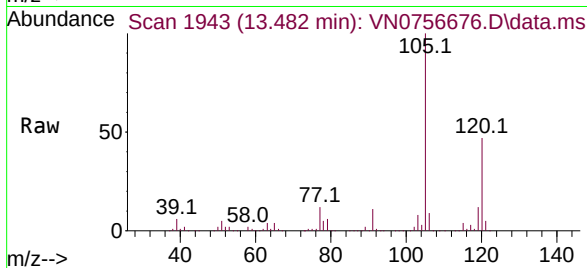




#83
 tert-Butylbenzene
 Concen: 9.920 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.041 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

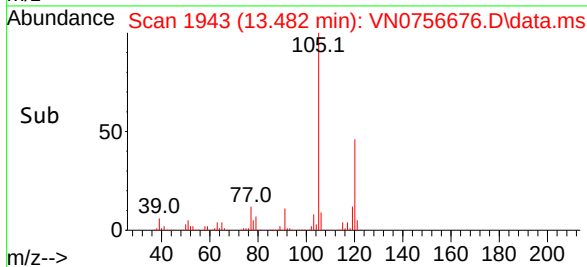
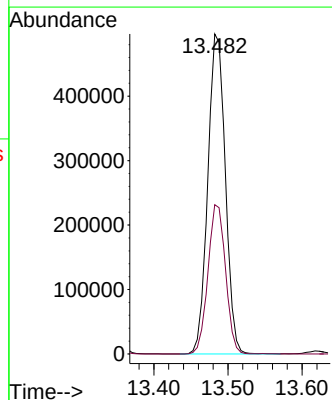
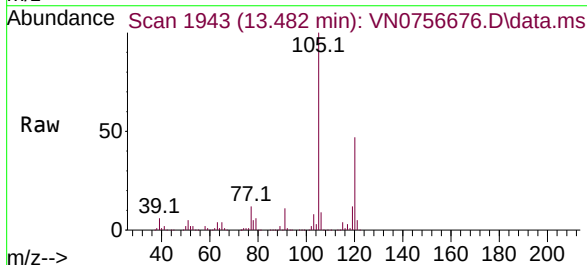
Instrument :
 MSVOA_N
 ClientSampleId :

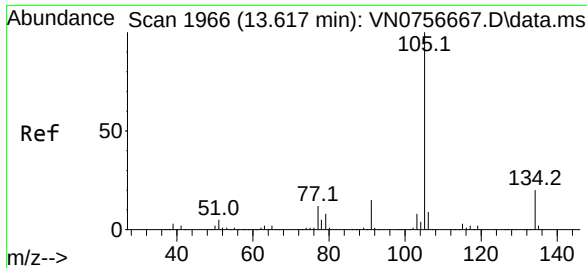
Tgt Ion:119 Resp: 100959
 Ion Ratio Lower Upper
 119 100
 91 83.7 31.9 95.9
 134 0.0 13.9 41.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 72.348 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

Tgt Ion:105 Resp: 816051
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2

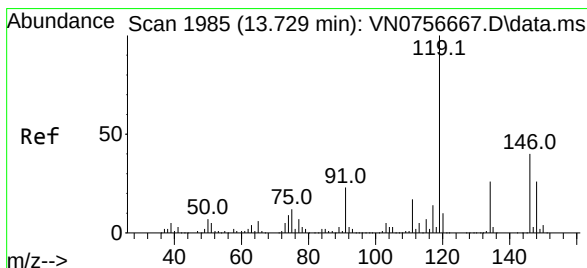
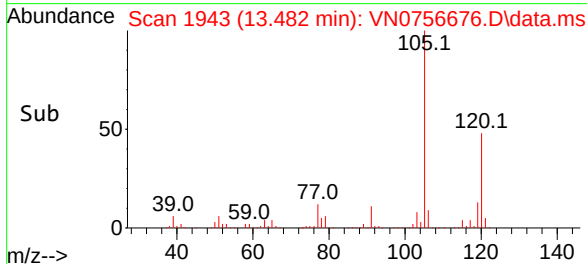
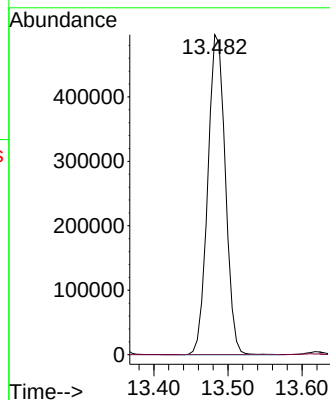
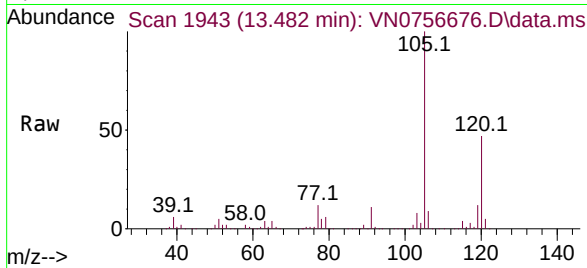




#85
 sec-Butylbenzene
 Concen: 58.326 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.135 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

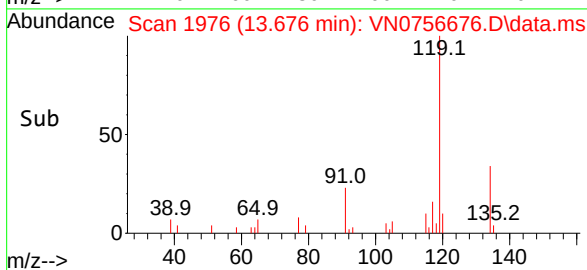
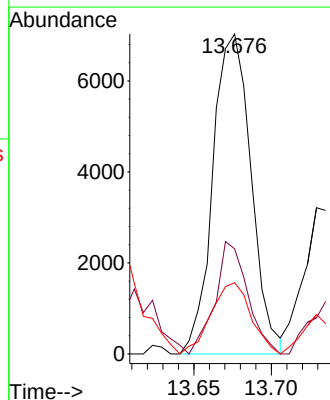
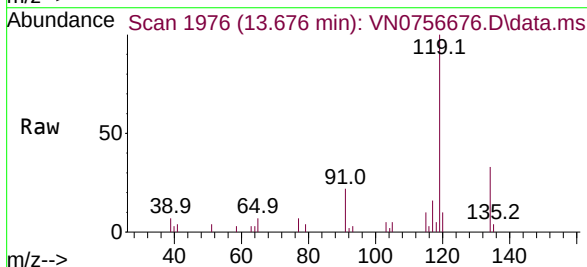
Instrument :
 MSVOA_N
 ClientSampleId :

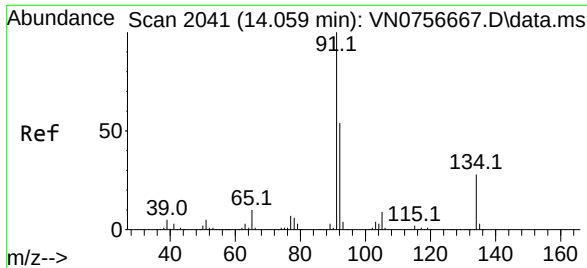
Tgt Ion:105 Resp: 816051
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 1.030 ug/l
 RT: 13.676 min Scan# 1976
 Delta R.T. -0.053 min
 Lab File: VN0756676.D
 Acq: 09 Dec 2022 18:55

Tgt Ion:119 Resp: 12056
 Ion Ratio Lower Upper
 119 100
 134 29.9 13.3 39.9
 91 23.1 11.4 34.1

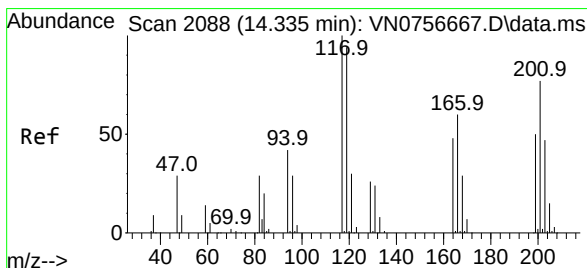
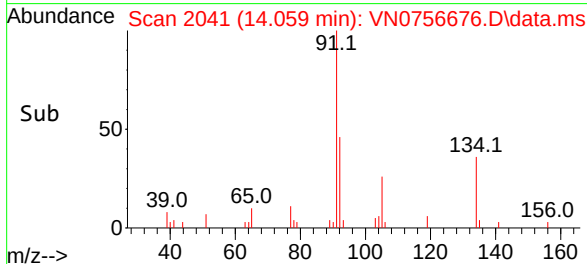
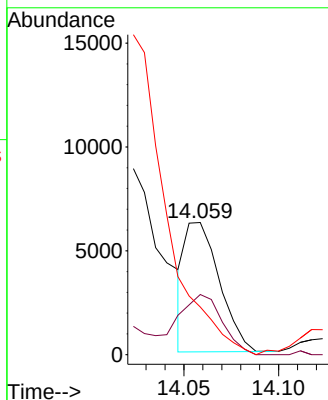
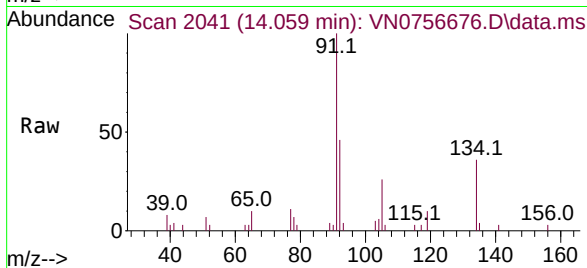




#89
n-Butylbenzene
Concen: 0.835 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

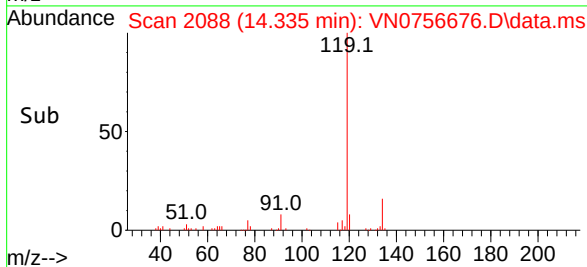
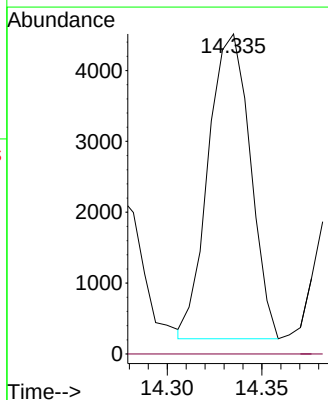
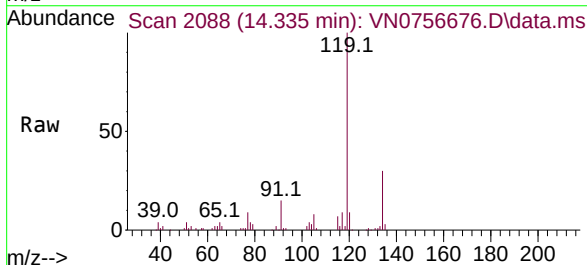
Instrument :
MSVOA_N
ClientSampleId :

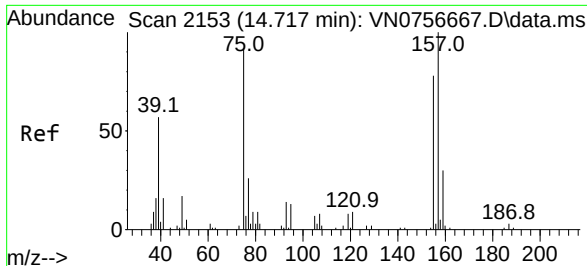
Tgt Ion: 91 Resp: 7837
Ion Ratio Lower Upper
91 100
92 60.1 26.7 80.1
134 0.0 13.9 41.7#



#90
Hexachloroethane
Concen: 3.305 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN0756676.D
Acq: 09 Dec 2022 18:55

Tgt Ion: 117 Resp: 6628
Ion Ratio Lower Upper
117 100
201 0.0 39.2 117.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.469 ug/l

RT: 14.700 min Scan# 2153

Delta R.T. -0.018 min

Lab File: VN0756676.D

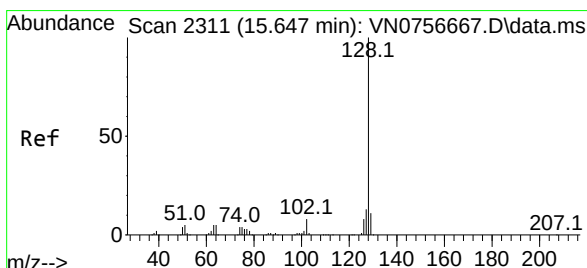
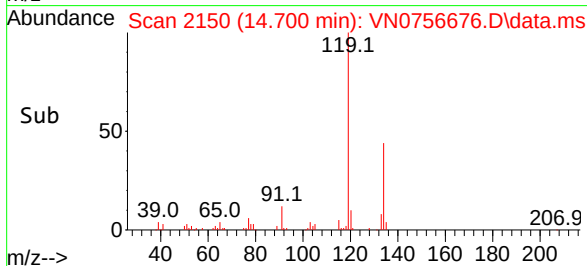
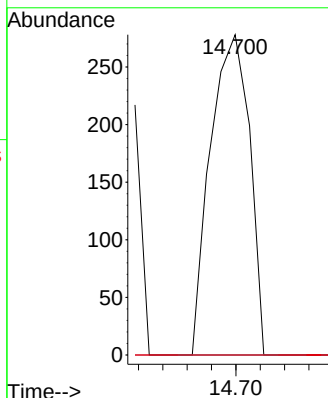
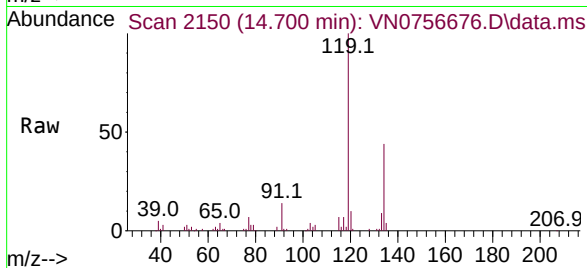
Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 75	Resp: 311
Ion Ratio	Lower Upper
75	100
155	0.0 48.4 145.2#
157	0.0 63.5 190.6#



#95

Napthalene

Concen: 21.125 ug/l

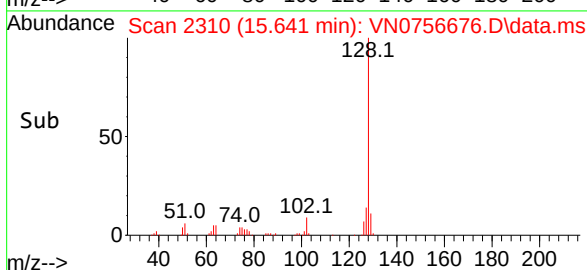
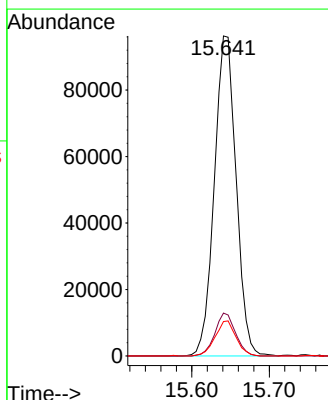
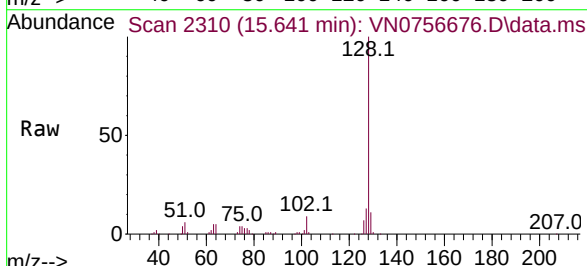
RT: 15.641 min Scan# 2310

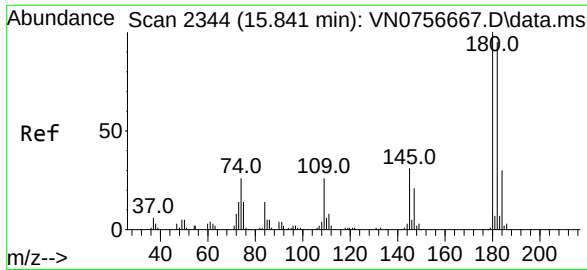
Delta R.T. -0.006 min

Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Tgt Ion: 128	Resp: 188308
Ion Ratio	Lower Upper
128	100
127	12.7 10.2 15.4
129	10.6 8.4 12.6





#96

1,2,3-Trichlorobenzene

Concen: 0.215 ug/l

RT: 15.841 min Scan# 21

Delta R.T. 0.000 min

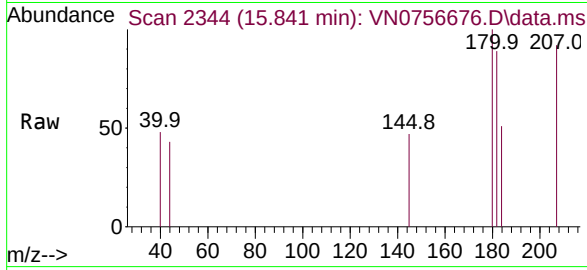
Lab File: VN0756676.D

Acq: 09 Dec 2022 18:55

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 636

Ion Ratio Lower Upper

180 100

182 78.9 46.8 140.4

145 51.6 15.6 46.8#

