

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN0756684.D
 Acq On : 10 Dec 2022 02:47
 Operator : JC\MD
 Sample : N5989-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 12 04:23:35 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	8.229	168	212881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	314519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	118970	52.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.340%	
35) Dibromofluoromethane	8.171	113	107255	49.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.780%	
50) Toluene-d8	10.570	98	408226	50.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.853	95	130104	47.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.260%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	585	0.314	ug/l #	40
5) Bromomethane	2.989	94	674	0.345	ug/l #	64
13) Acrolein	4.194	56	140	0.364	ug/l #	15
15) Acrylonitrile	5.729	53	328	0.380	ug/l #	17
16) Acetone	4.447	43	658	0.860	ug/l #	41
17) Carbon Disulfide	4.718	76	2378	0.493	ug/l #	74
23) Vinyl Acetate	6.624	43	1088	0.276	ug/l #	65
25) 2-Butanone	7.506	43	710	0.635	ug/l #	43
29) Tetrahydrofuran	7.859	42	318	0.461	ug/l #	25
31) Cyclohexane	8.229	56	4016	1.201	ug/l #	1
36) 1,1-Dichloropropene	8.382	75	675	0.236	ug/l #	40
38) Carbon Tetrachloride	8.229	117	20183	6.127	ug/l #	16
44) Trichloroethene	9.347	130	666	0.269	ug/l	80
49) 1,4-Dioxane	9.700	88	61	1.424	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	1370	0.581	ug/l	89
53) t-1,3-Dichloropropene	10.835	75	627	0.207	ug/l #	44
59) 2-Hexanone	11.200	43	1917	1.118	ug/l	82
65) Chlorobenzene	11.894	112	2048	0.316	ug/l #	86
67) Ethyl Benzene	11.964	91	3005	0.274	ug/l	93
68) m/p-Xylenes	12.076	106	2114	0.478	ug/l	90
70) Styrene	12.417	104	1554	0.226	ug/l	98
73) Isopropylbenzene	12.694	105	2469	0.240	ug/l	99
74) N-amyl acetate	12.494	43	886	0.296	ug/l #	70
76) 1,2,3-Trichloropropane	12.853	75	66761	23.189	ug/l #	1
77) Bromobenzene	12.982	156	1095	0.423	ug/l	97
78) n-propylbenzene	13.041	91	5063	0.443	ug/l	97
79) 2-Chlorotoluene	13.129	91	2258	0.320	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	2135	0.248	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.853	75	66761	74.179	ug/l #	13
82) 4-Chlorotoluene	13.129	91	2258	0.320	ug/l	98
83) tert-Butylbenzene	13.435	119	1973	0.253	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	2634	0.305	ug/l	98
85) sec-Butylbenzene	13.617	105	4047	0.377	ug/l	99
86) p-Isopropyltoluene	13.735	119	3030	0.338	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	3027	0.625	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	3027	0.615	ug/l	96

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 Sample : N5989-01
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 ALS Vial : 31 Sample Multiplier: 1

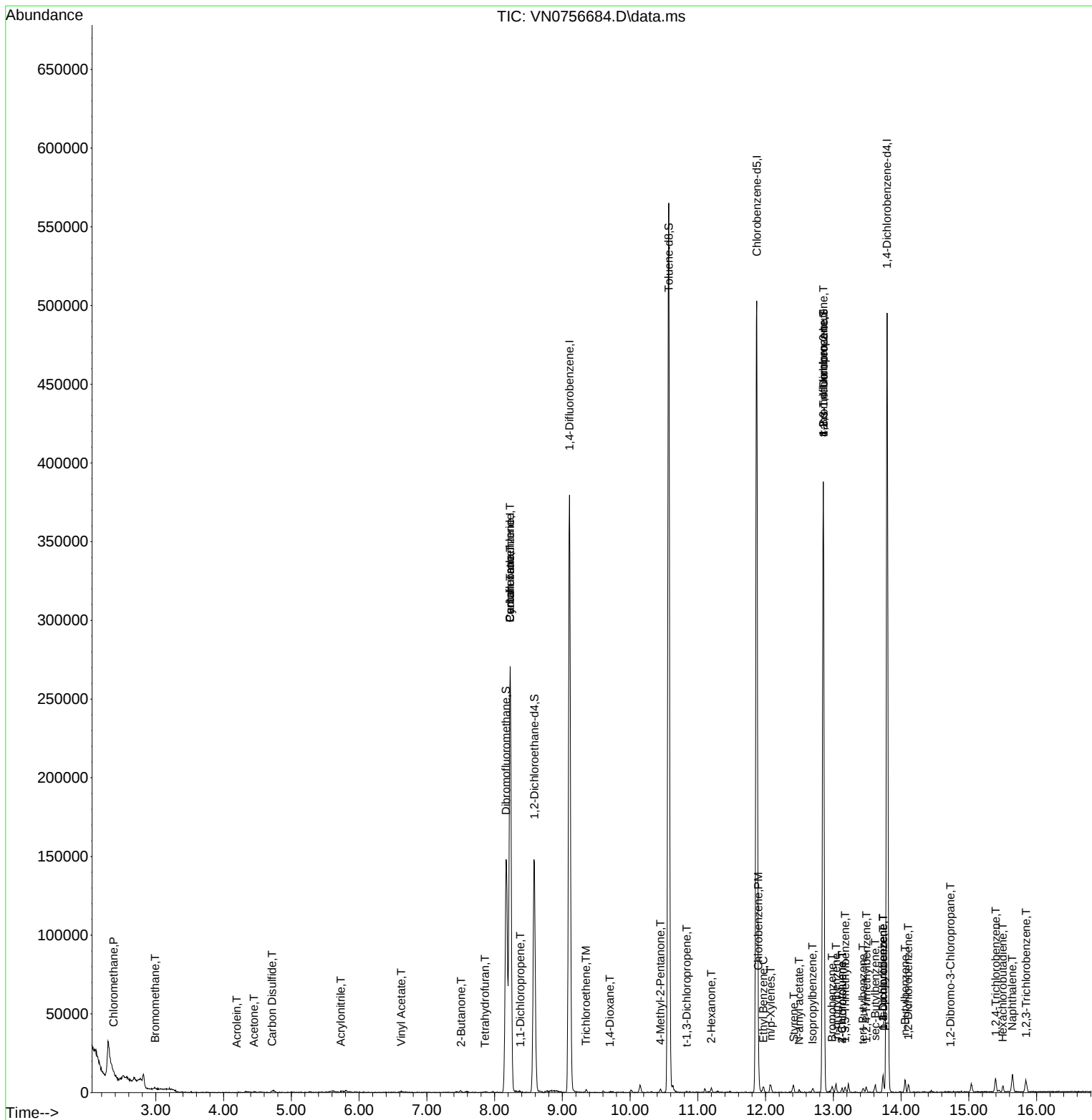
Instrument :
 MSVOA_N
 ClientSampleId :

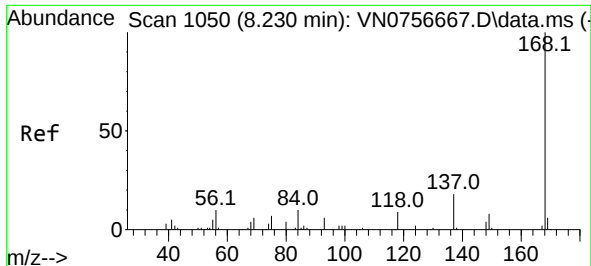
Quant Time: Dec 12 04:23:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.058	91	4948	0.688	ug/l	98
91) 1,2-Dichlorobenzene	14.105	146	2708	0.562	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.729	75	119	0.234	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.399	180	3295	1.425	ug/l	97
94) Hexachlorobutadiene	15.499	225	1209	0.921	ug/l	89
95) Naphthalene	15.641	128	11458	1.676	ug/l	98
96) 1,2,3-Trichlorobenzene	15.846	180	3625	1.595	ug/l	97

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

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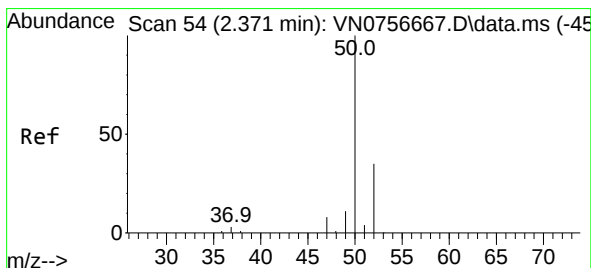
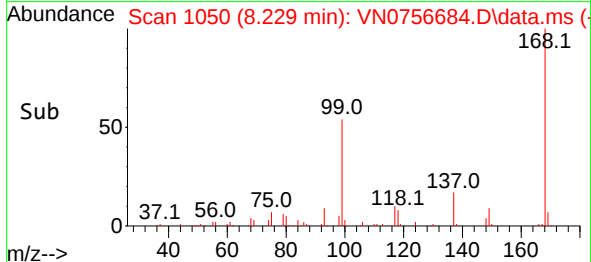
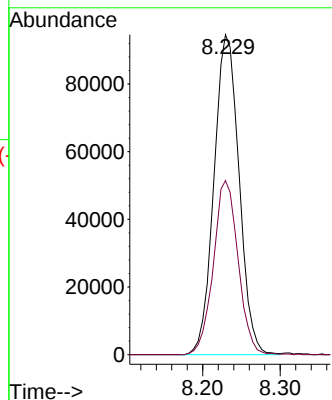
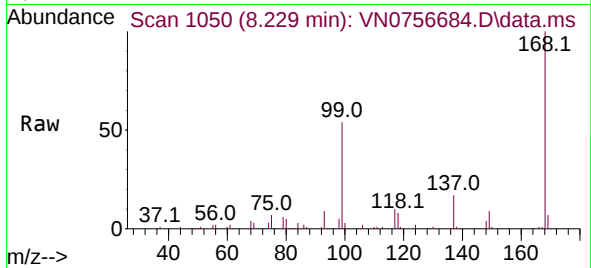




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

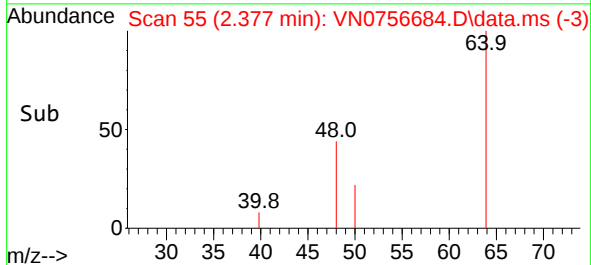
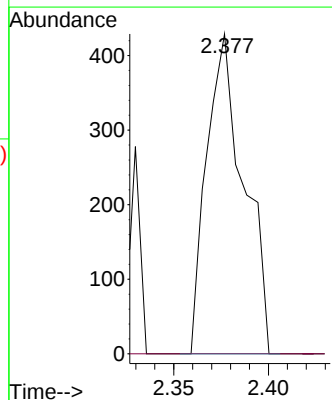
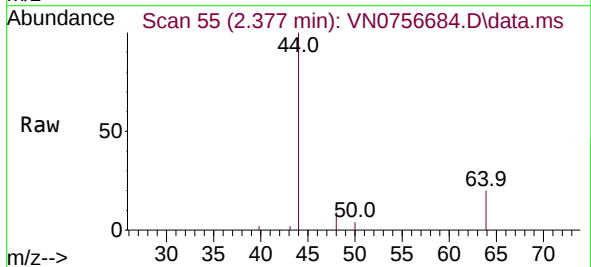
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MSVOA_N
ClientSampleId :

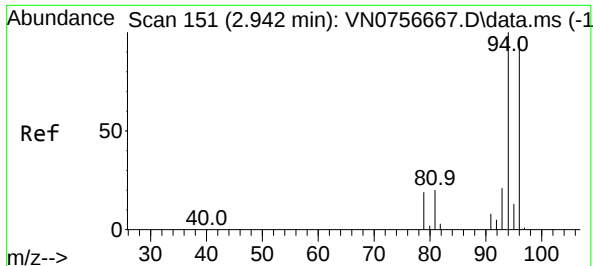
Tgt Ion:168 Resp: 212881
Ion Ratio Lower Upper
168 100
99 54.4 41.2 61.8



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 50 Resp: 585
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

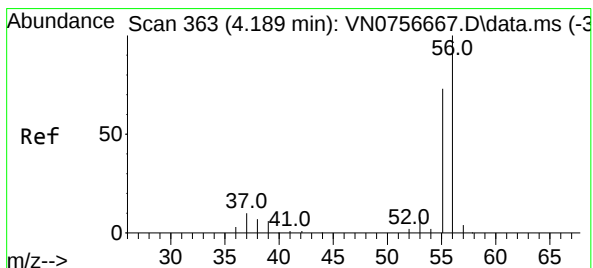
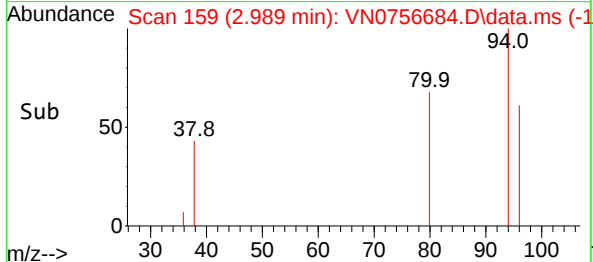
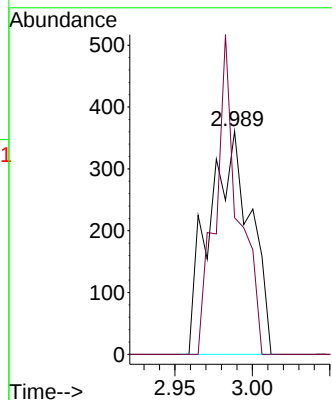
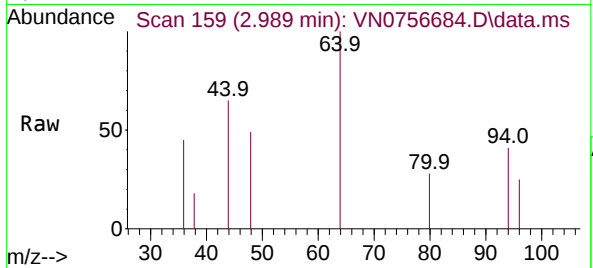




#5
Bromomethane
Concen: 0.345 ug/l
RT: 2.989 min Scan# 159
Delta R.T. 0.047 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

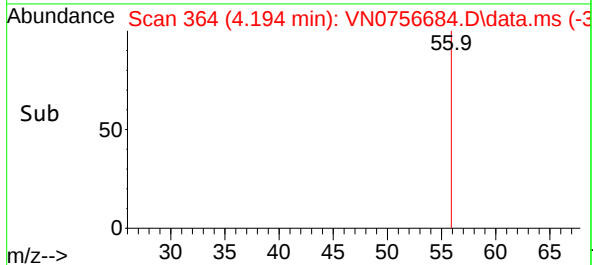
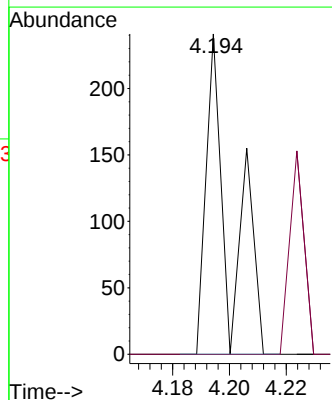
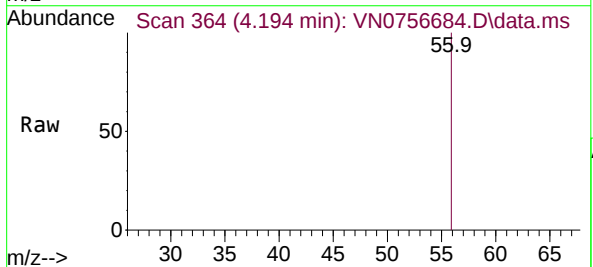
Instrument :
MSVOA_N
ClientSampleId :

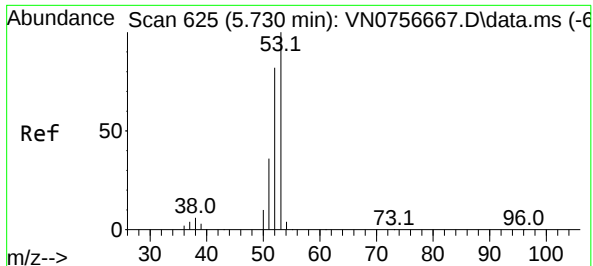
Tgt Ion: 94 Resp: 674
Ion Ratio Lower Upper
94 100
96 61.2 77.6 116.4#



#13
Acrolein
Concen: 0.364 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

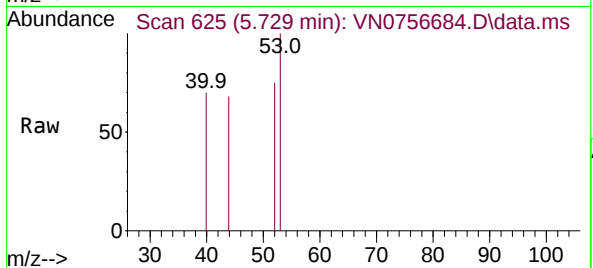
Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



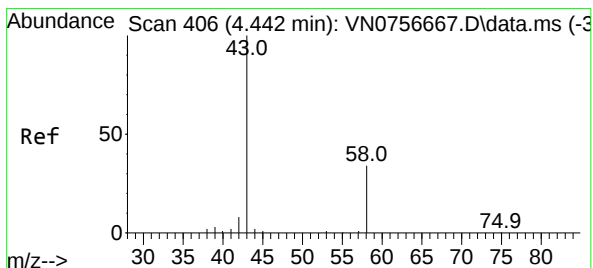
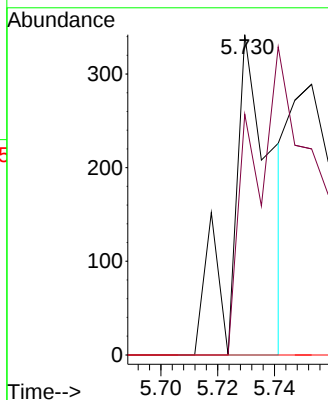
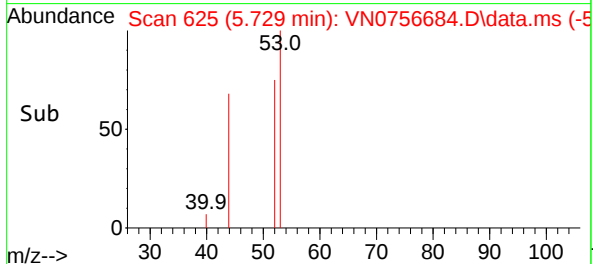


#15
Acrylonitrile
Concen: 0.380 ug/l
RT: 5.729 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Instrument :
MSVOA_N
ClientSampleId :

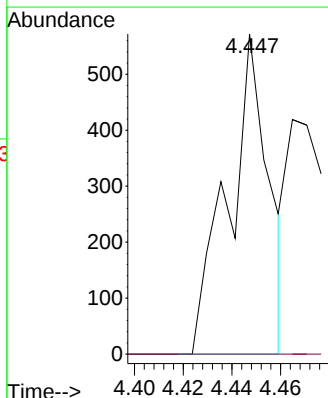
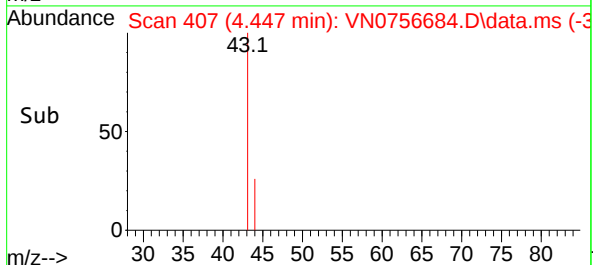
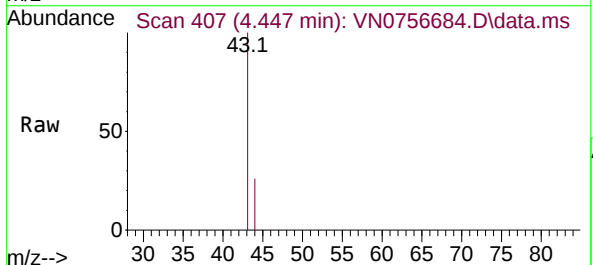


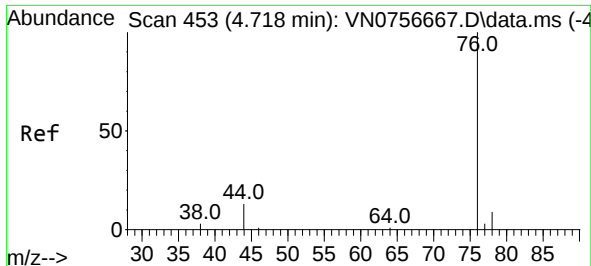
Tgt Ion: 53 Resp: 328
Ion Ratio Lower Upper
53 100
52 163.4 65.0 97.4#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.860 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

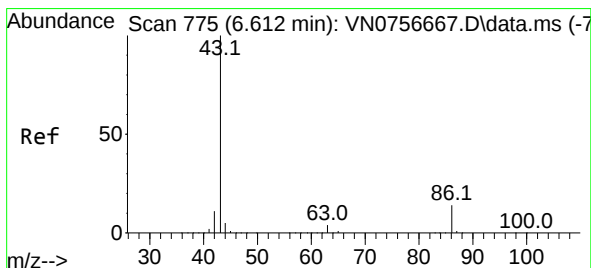
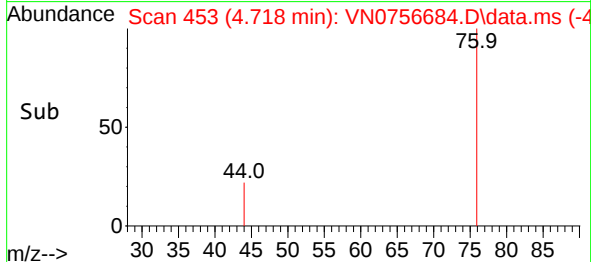
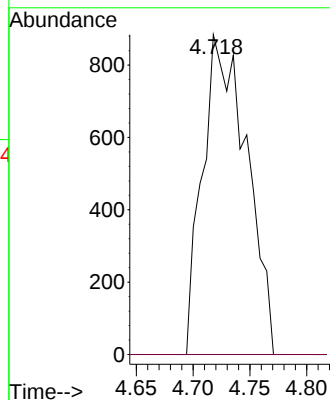
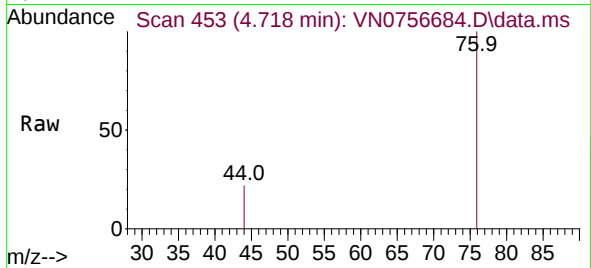




#17
Carbon Disulfide
Concen: 0.493 ug/l
RT: 4.718 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

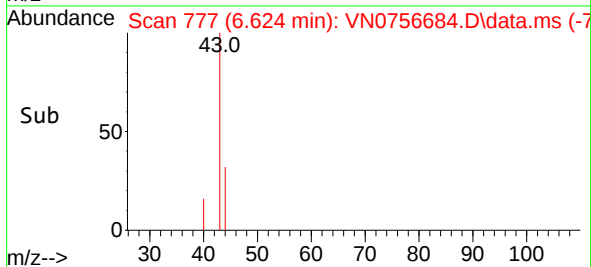
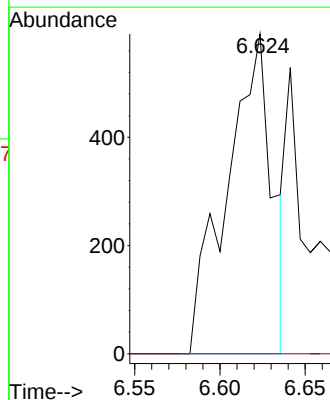
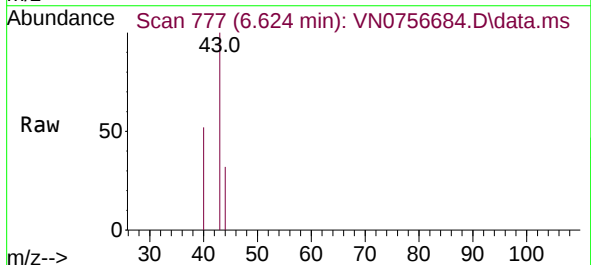
Instrument :
MSVOA_N
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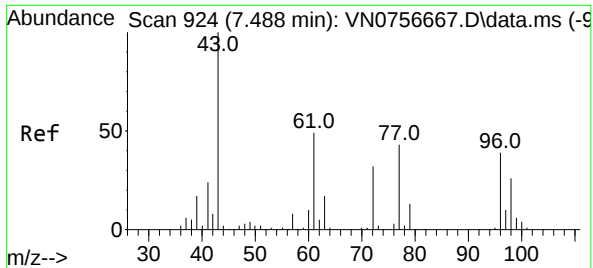
Tgt Ion: 76 Resp: 2378
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#23
Vinyl Acetate
Concen: 0.276 ug/l
RT: 6.624 min Scan# 777
Delta R.T. 0.012 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
86 0.0 11.5 17.3#





#25

2-Butanone

Concen: 0.635 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

Instrument :

MSVOA_N

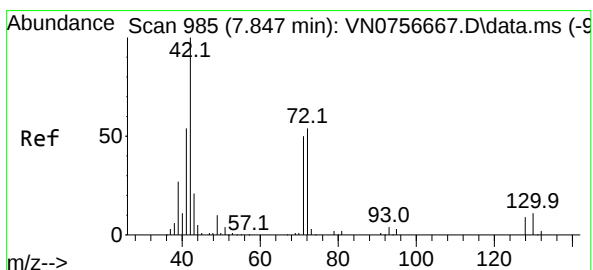
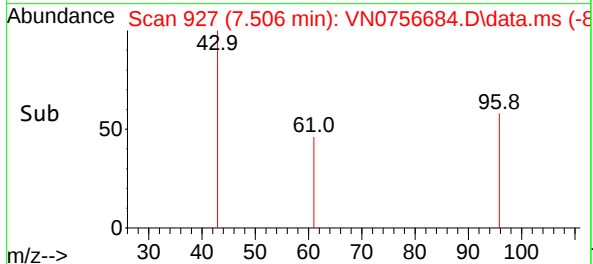
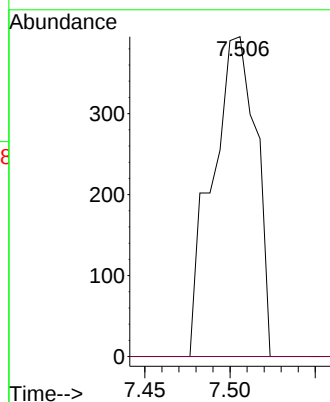
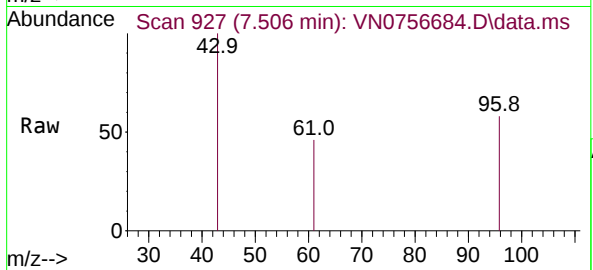
ClientSampleId :

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

72 0.0 25.3 37.9#



#29

Tetrahydrofuran

Concen: 0.461 ug/l

RT: 7.859 min Scan# 987

Delta R.T. 0.012 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

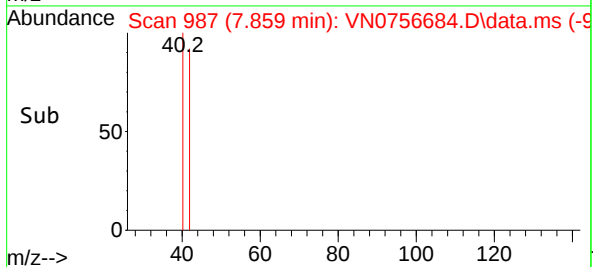
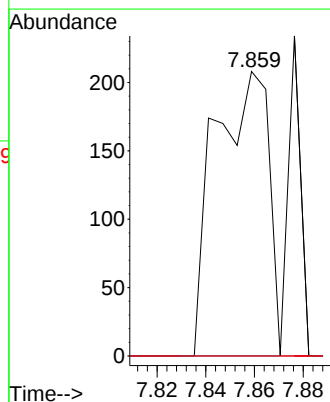
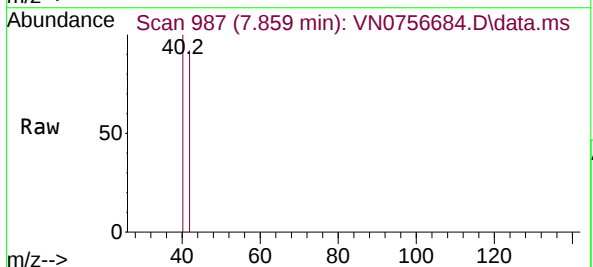
Tgt Ion: 42 Resp: 318

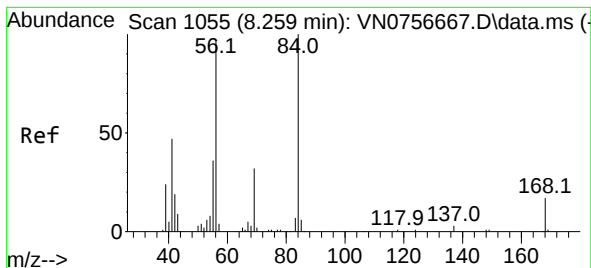
Ion Ratio Lower Upper

42 100

72 0.0 44.6 67.0#

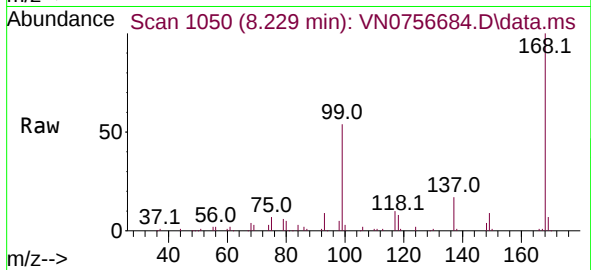
71 0.0 41.2 61.8#



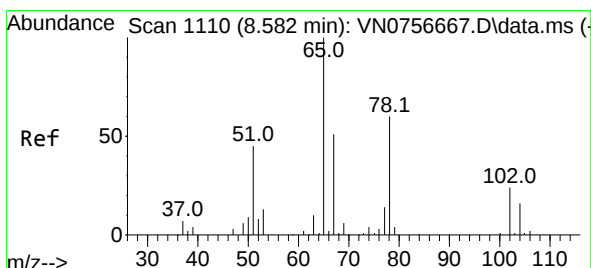
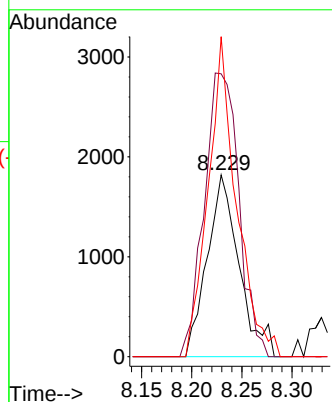
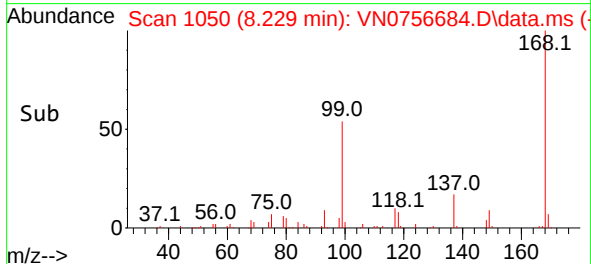


#31
Cyclohexane
Concen: 1.201 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Instrument :
MSVOA_N
ClientSampleId :

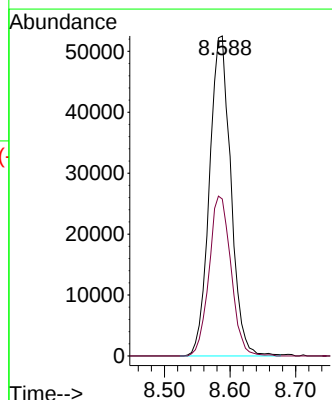
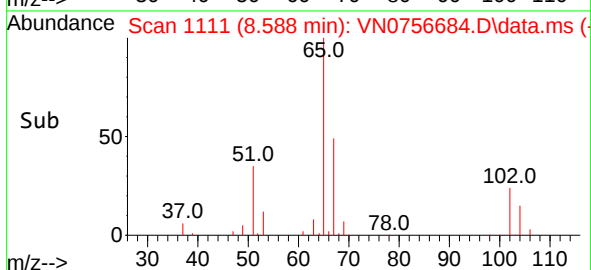
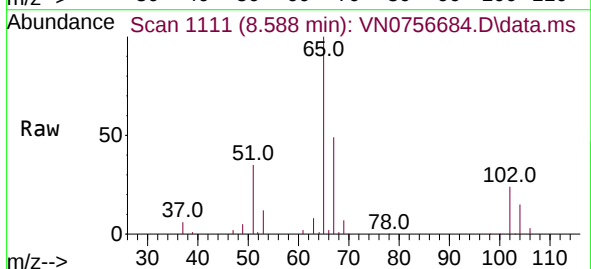


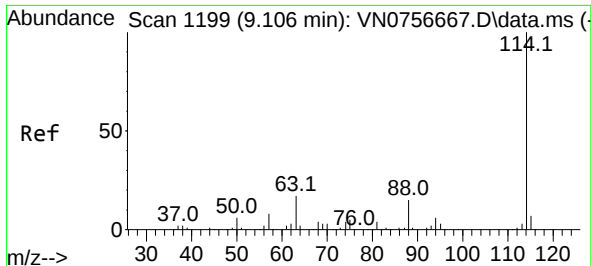
Tgt Ion: 56 Resp: 4016
Ion Ratio Lower Upper
56 100
69 155.6 26.2 39.2#
84 176.0 82.8 124.2#



#33
1,2-Dichloroethane-d4
Concen: 52.671 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 65 Resp: 118970
Ion Ratio Lower Upper
65 100
67 51.1 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

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

Instrument :

MSVOA_N

ClientSampleId :

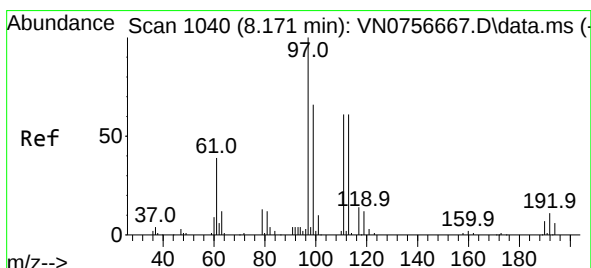
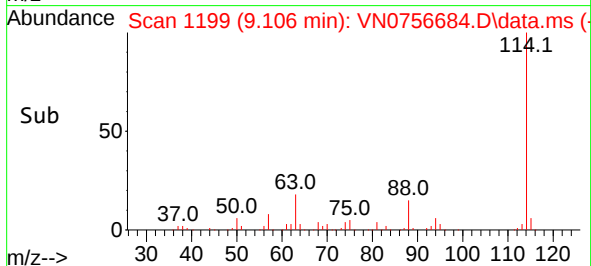
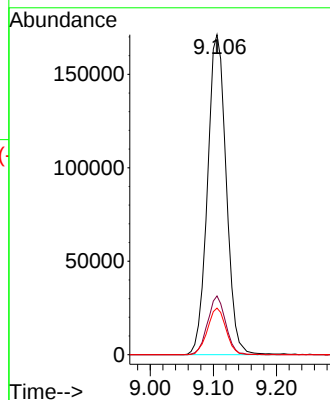
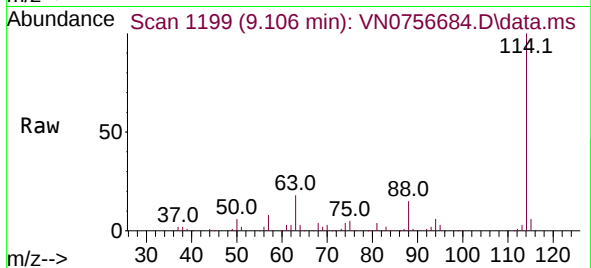
Tgt Ion:114 Resp: 352379

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.888 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

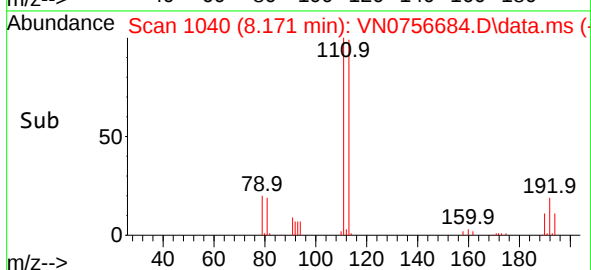
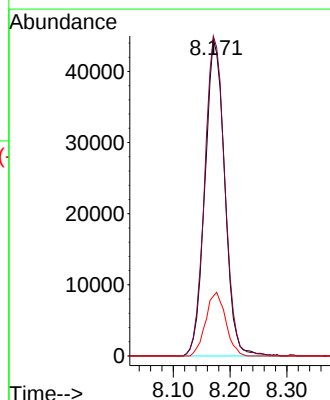
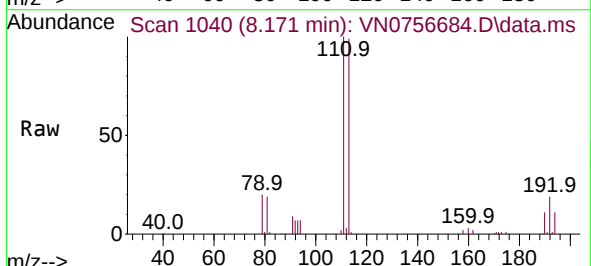
Tgt Ion:113 Resp: 107255

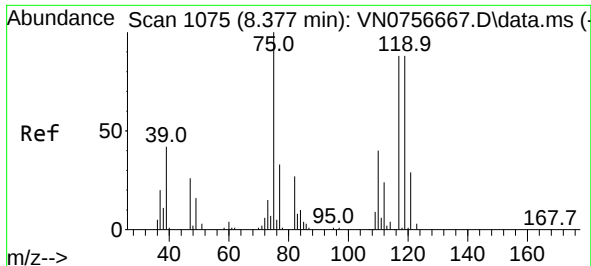
Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.6

192 20.3 16.2 24.2

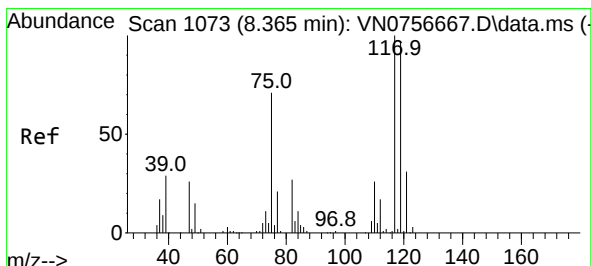
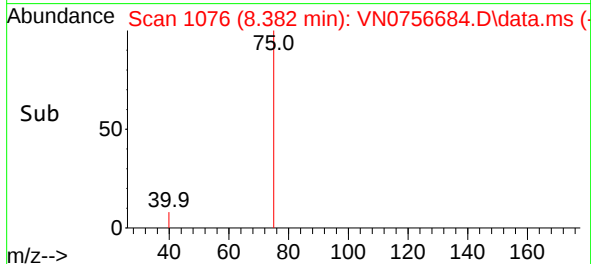
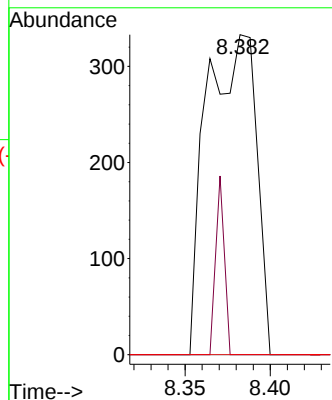
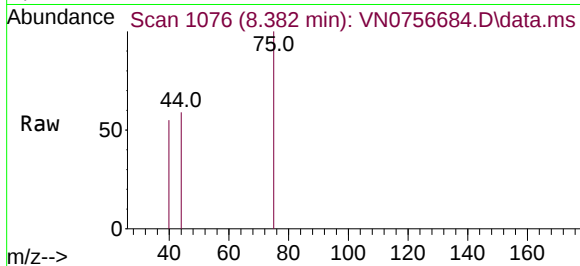




#36
1,1-Dichloropropene
Concen: 0.236 ug/l
RT: 8.382 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

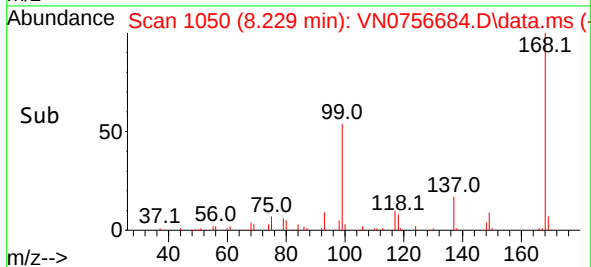
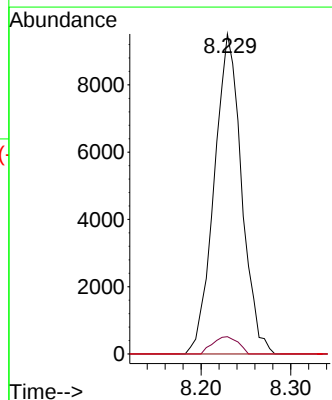
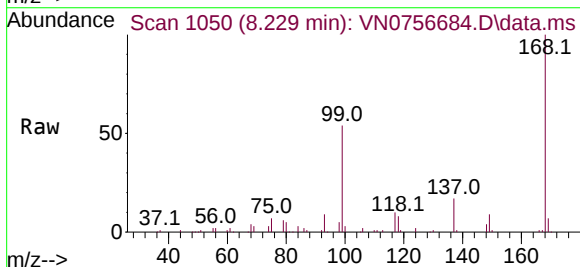
Instrument :
MSVOA_N
ClientSampleId :

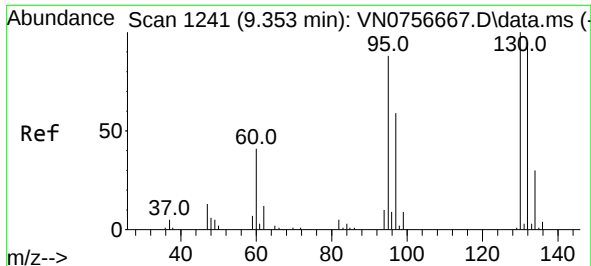
Tgt Ion: 75 Resp: 675
Ion Ratio Lower Upper
75 100
110 0.0 18.9 56.9#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.127 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 117 Resp: 20183
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.6 37.0#

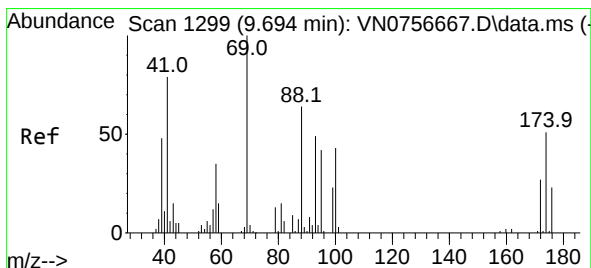
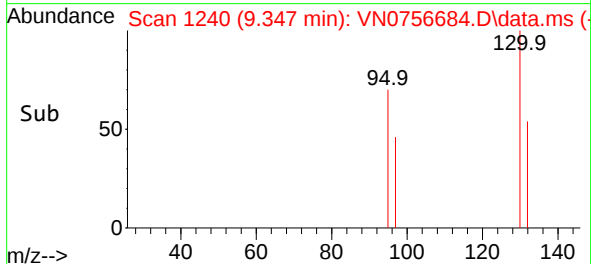
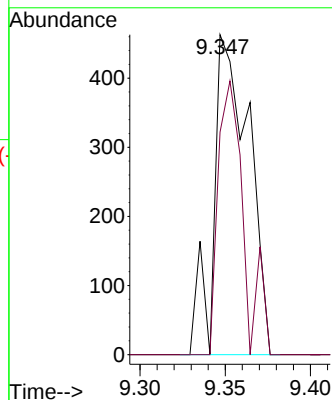
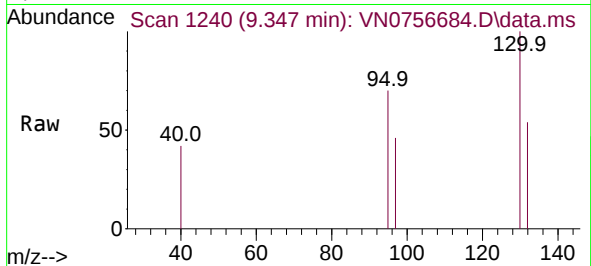




#44
Trichloroethene
Concen: 0.269 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

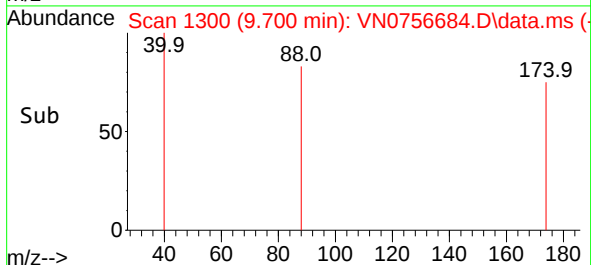
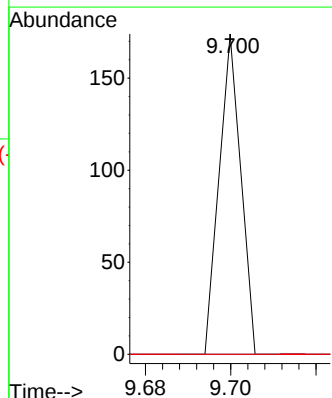
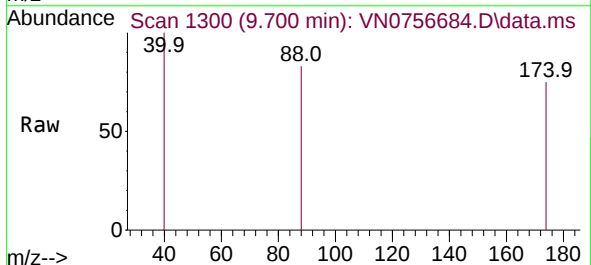
Instrument :
MSVOA_N
ClientSampleId :

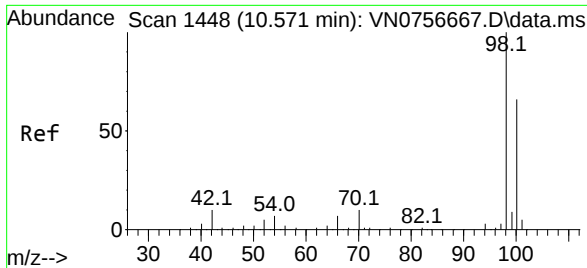
Tgt Ion:130 Resp: 666
Ion Ratio Lower Upper
130 100
95 69.5 0.0 176.8



#49
1,4-Dioxane
Concen: 1.424 ug/l
RT: 9.700 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 17.4 26.0#
58 0.0 46.8 70.2#

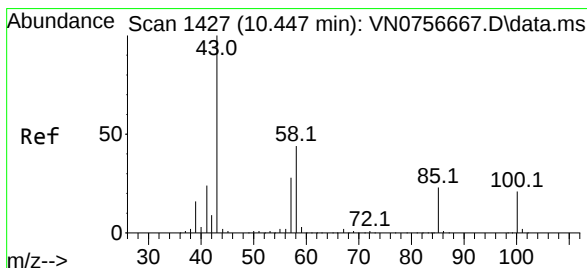
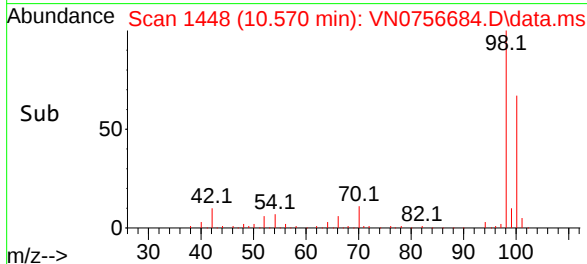
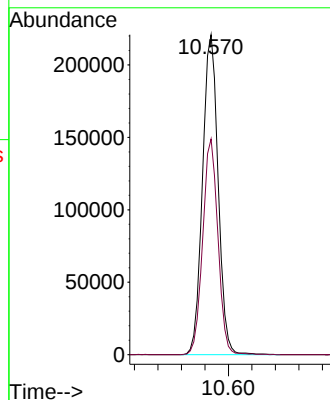
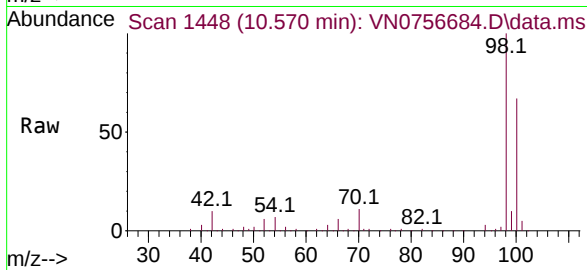




#50
Toluene-d8
Concen: 50.561 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

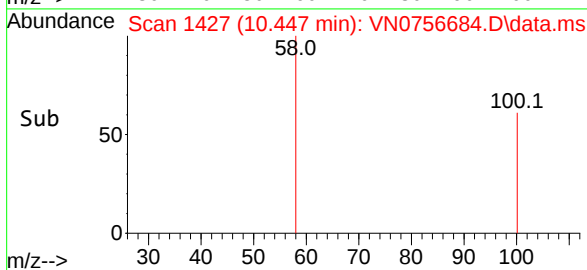
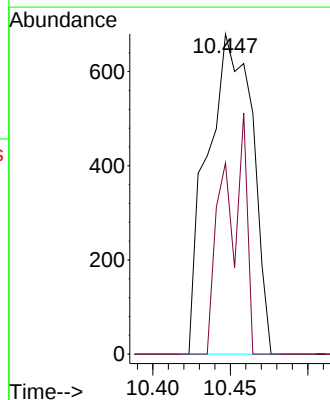
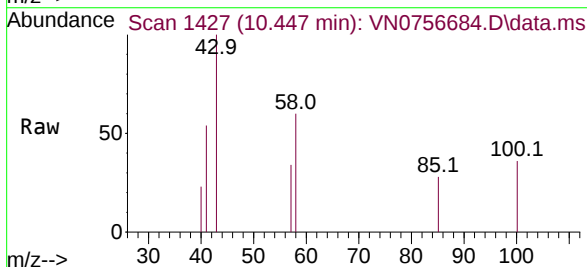
Instrument :
MSVOA_N
ClientSampleId :

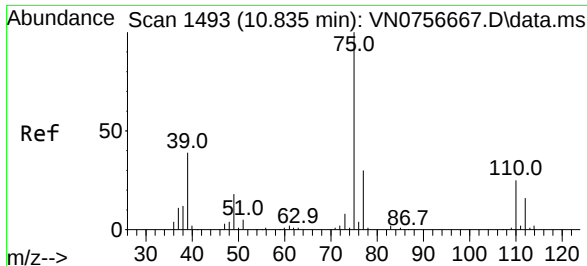
Tgt Ion: 98 Resp: 408226
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.581 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 36.4 35.0 52.6





#53

t-1,3-Dichloropropene

Concen: 0.207 ug/l

RT: 10.835 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

Instrument :

MSVOA_N

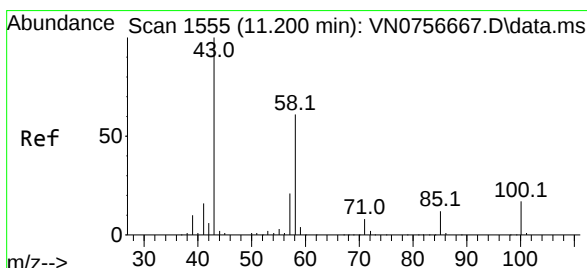
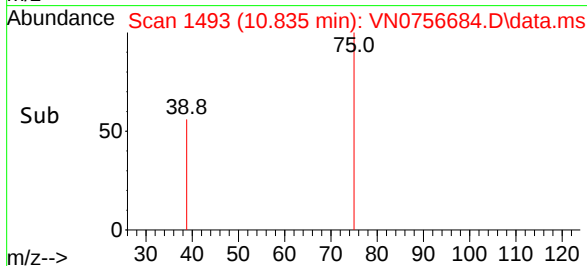
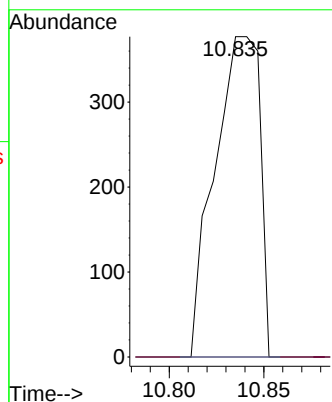
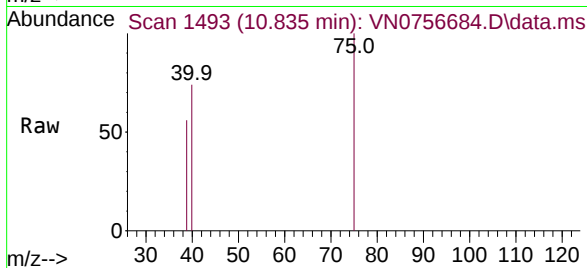
ClientSampleId :

Tgt Ion: 75 Resp: 627

Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#



#59

2-Hexanone

Concen: 1.118 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN0756684.D

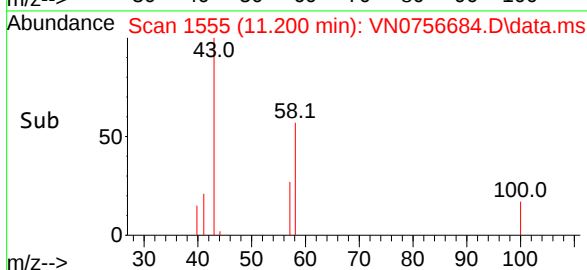
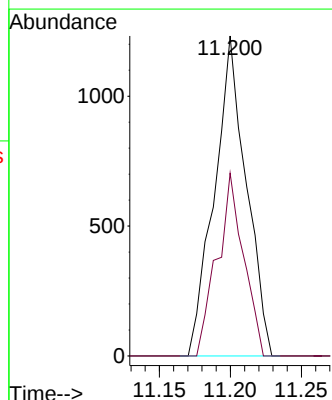
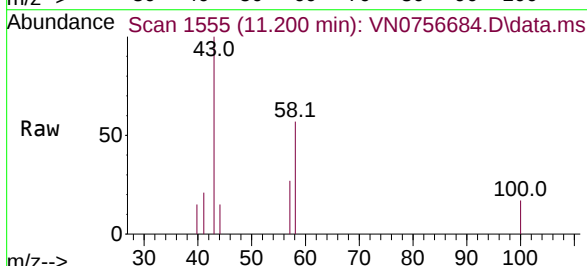
Acq: 10 Dec 2022 02:47

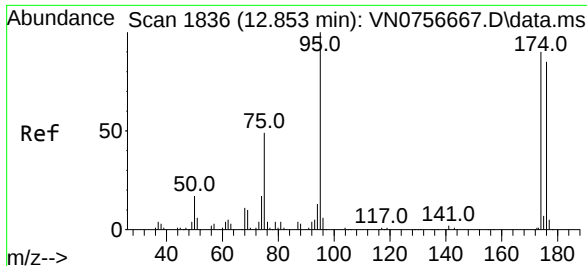
Tgt Ion: 43 Resp: 1917

Ion Ratio Lower Upper

43 100

58 47.6 30.9 92.5

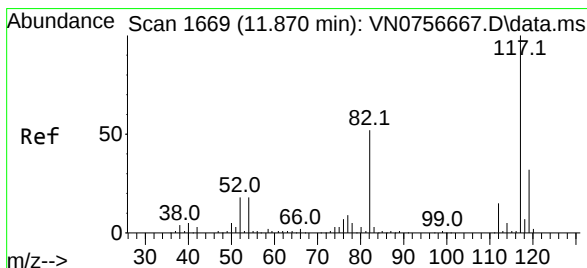
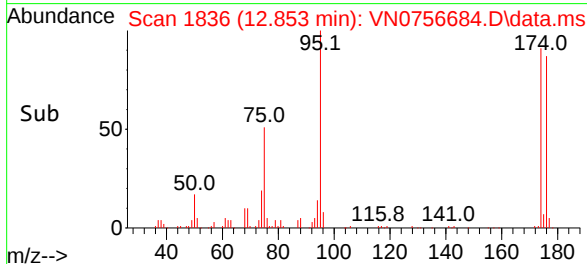
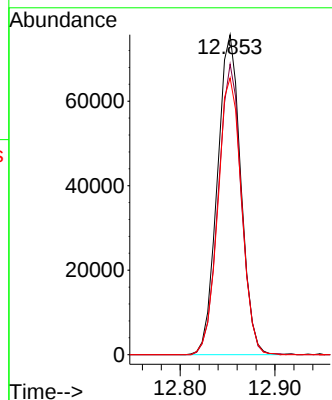
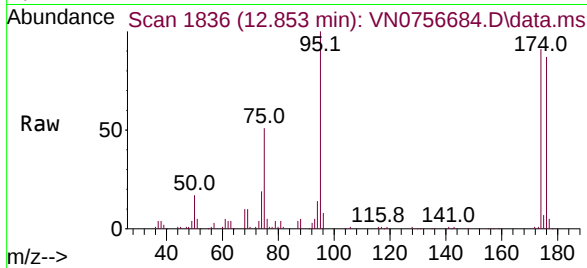




#62
4-Bromofluorobenzene
Concen: 47.130 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

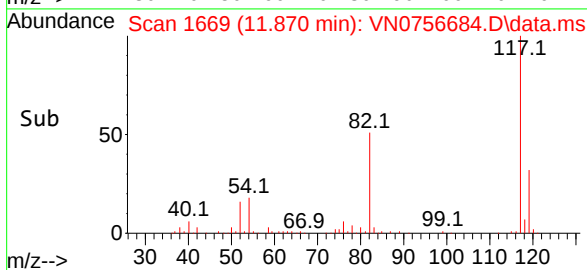
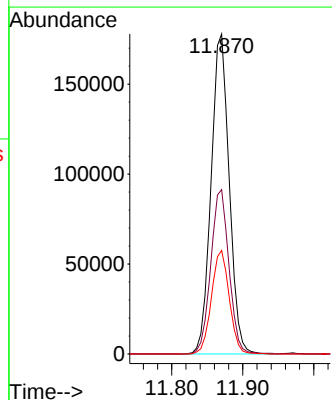
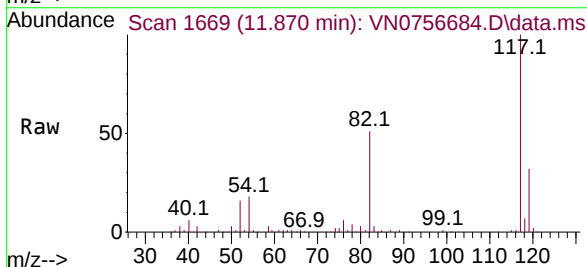
Instrument :
MSVOA_N
ClientSampleId :

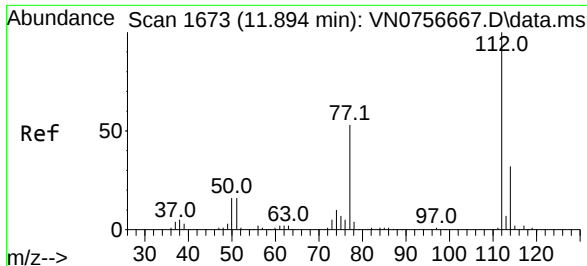
Tgt Ion: 95 Resp: 130104
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.6
176 87.4 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 117 Resp: 314519
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.3 25.8 38.6

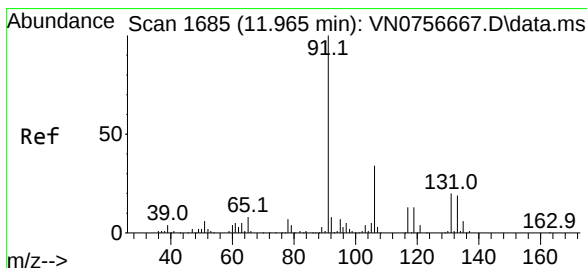
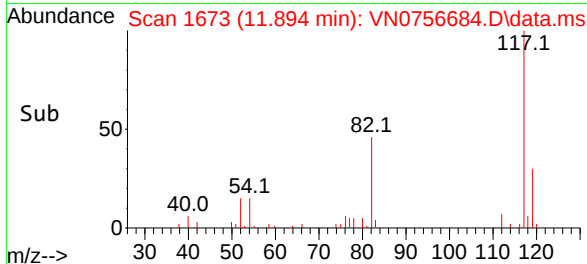
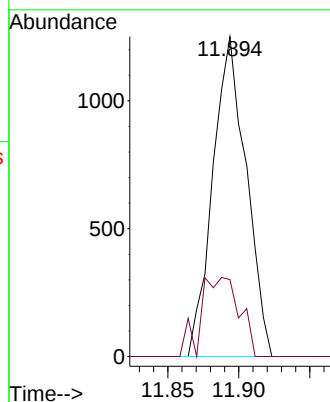
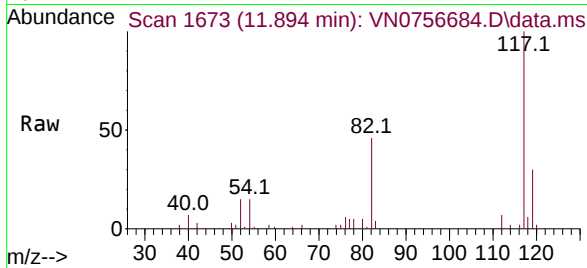




#65
Chlorobenzene
Concen: 0.316 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

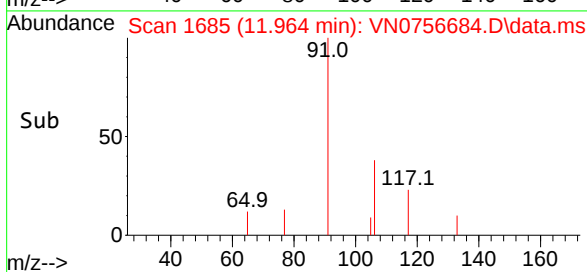
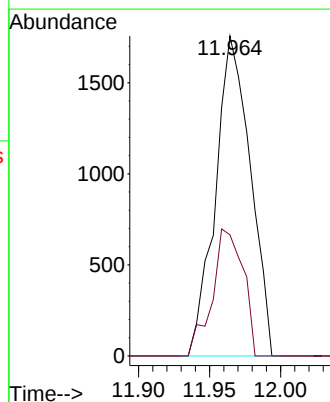
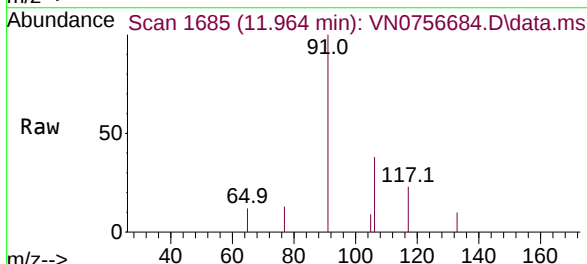
Instrument :
MSVOA_N
ClientSampleId :

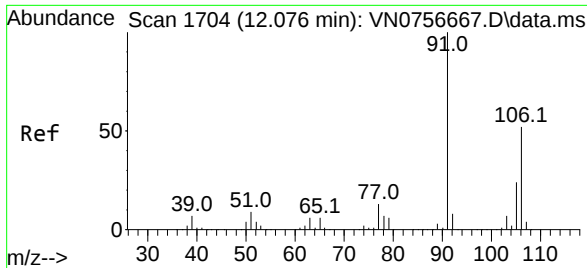
Tgt Ion: 112 Resp: 2048
Ion Ratio Lower Upper
112 100
114 24.1 25.5 38.3#



#67
Ethyl Benzene
Concen: 0.274 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 91 Resp: 3005
Ion Ratio Lower Upper
91 100
106 37.8 26.9 40.3

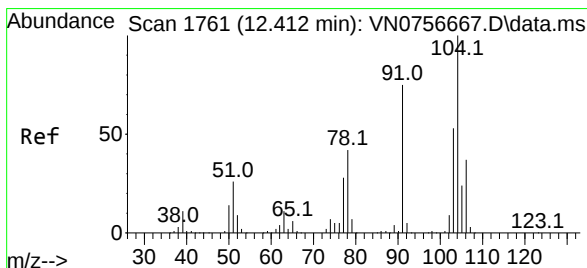
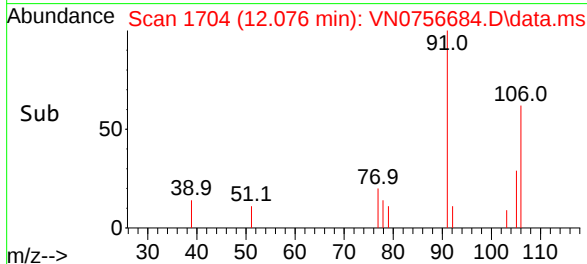
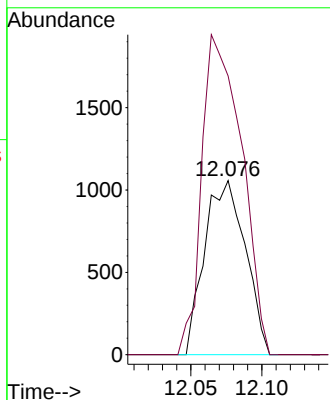
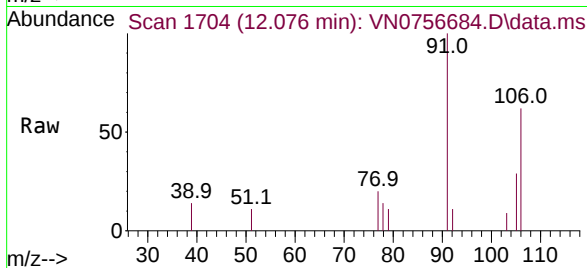




#68
m/p-Xylenes
Concen: 0.478 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

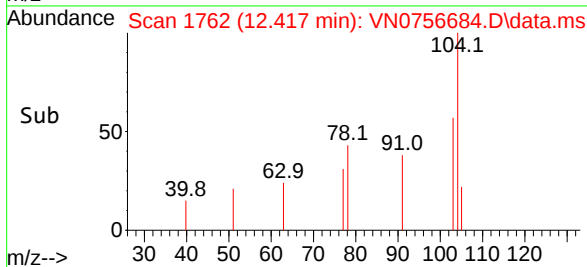
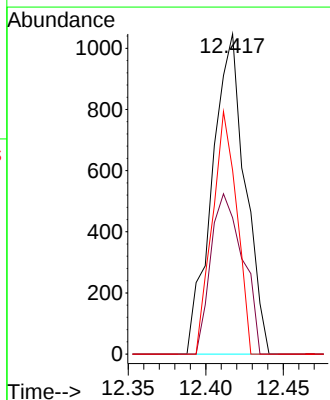
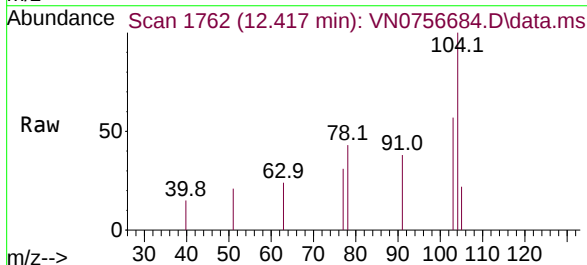
Instrument :
MSVOA_N
ClientSampleId :

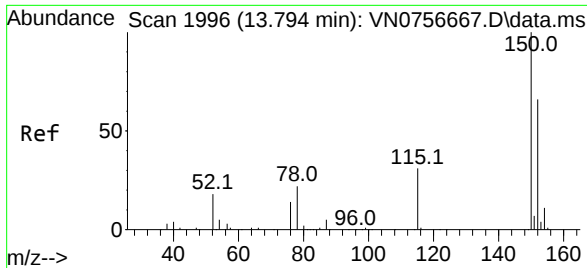
Tgt Ion:106 Resp: 2114
Ion Ratio Lower Upper
106 100
91 179.9 156.2 234.4



#70
Styrene
Concen: 0.226 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion:104 Resp: 1554
Ion Ratio Lower Upper
104 100
78 48.5 36.7 55.1
103 55.9 44.0 66.0

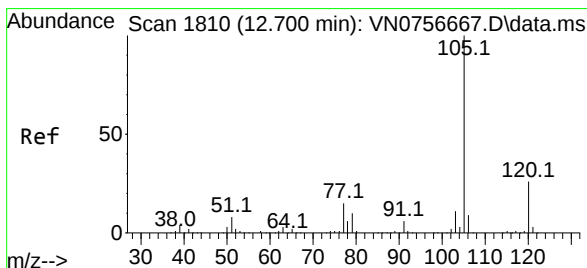
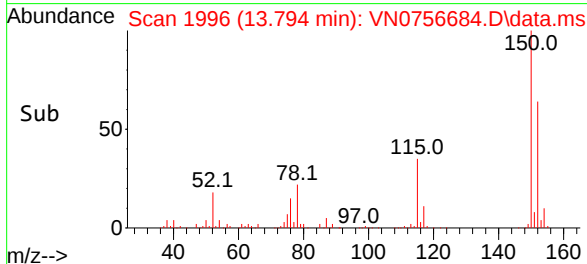
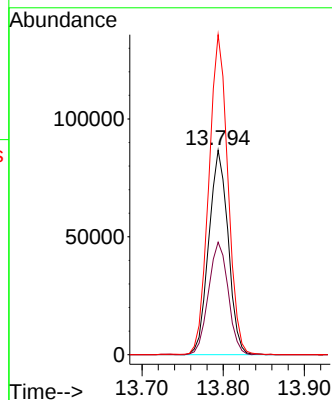
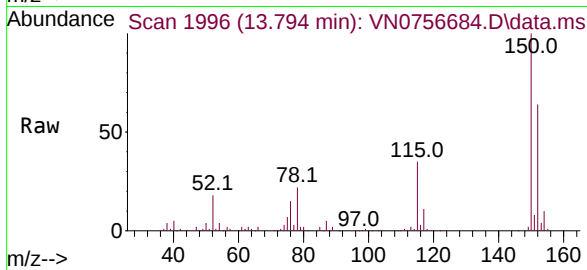




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

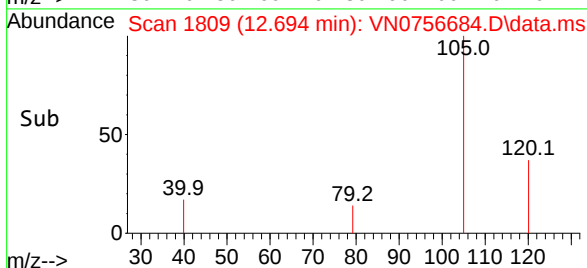
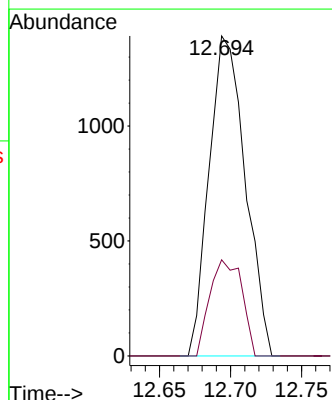
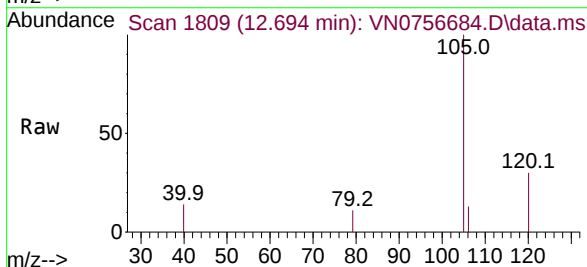
Instrument :
MSVOA_N
ClientSampleId :

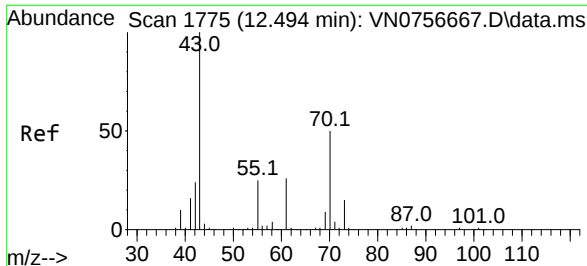
Tgt Ion:152 Resp: 143359
Ion Ratio Lower Upper
152 100
115 55.9 28.4 85.2
150 154.6 0.0 347.6



#73
Isopropylbenzene
Concen: 0.240 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion:105 Resp: 2469
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

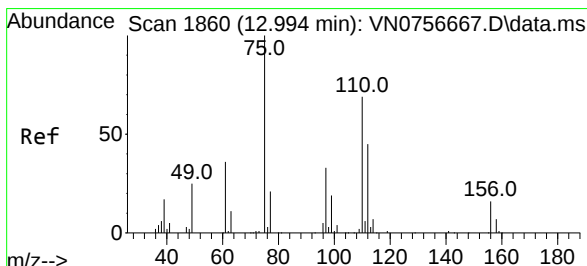
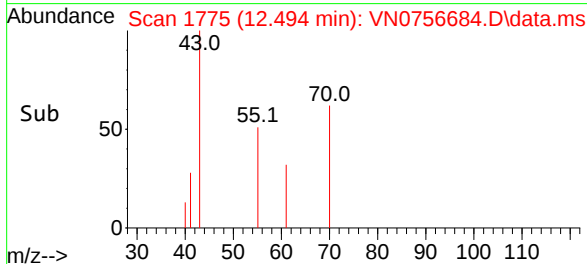
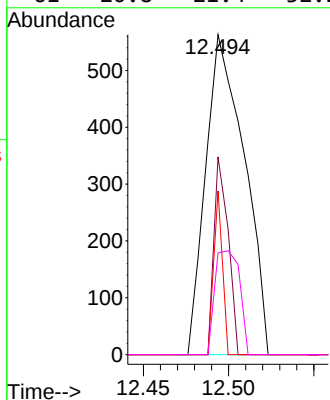
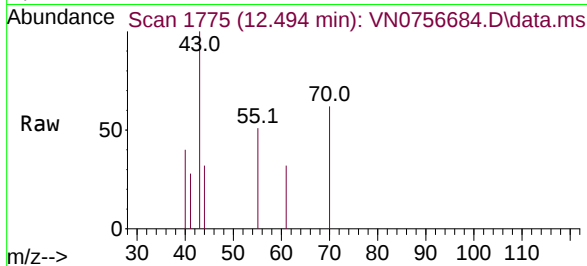




#74
N-amy1 acetate
Concen: 0.296 ug/l
RT: 12.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

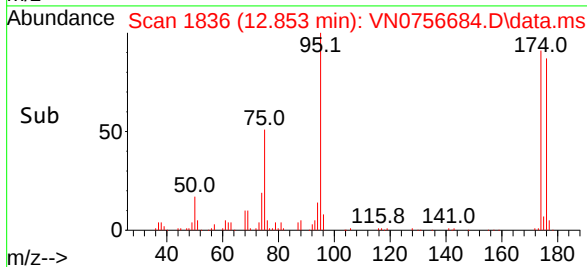
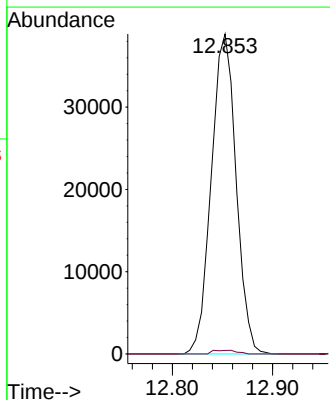
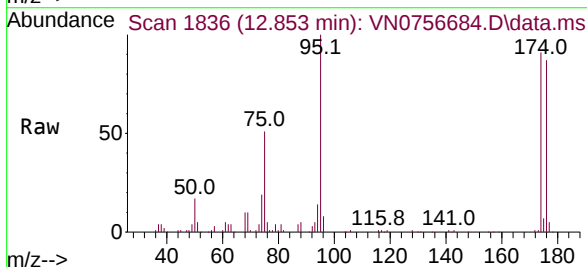
Instrument :
MSVOA_N
ClientSampleId :

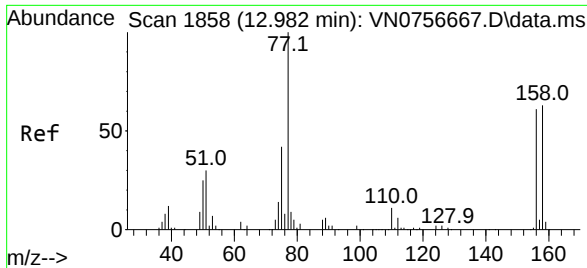
Tgt Ion: 43	Resp: 886
Ion Ratio	Lower Upper
43 100	
70 22.7	41.0 61.6#
55 11.5	20.7 31.1#
61 20.8	21.4 32.2#



#76
1,2,3-Trichloropropane
Concen: 23.189 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 75	Resp: 66761
Ion Ratio	Lower Upper
75 100	
77 1.1	81.8 245.4#

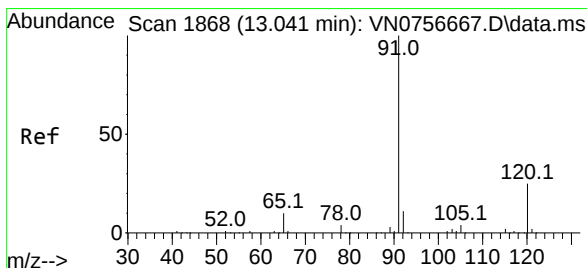
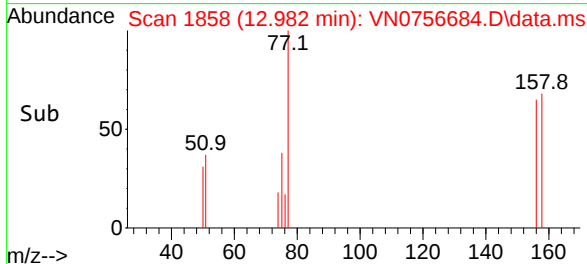
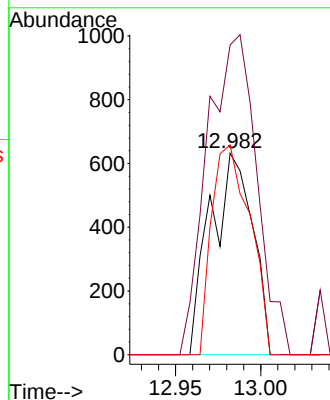
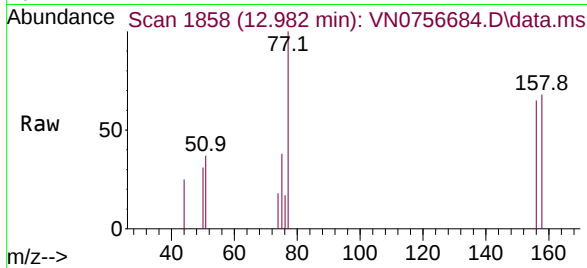




#77
Bromobenzene
Concen: 0.423 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

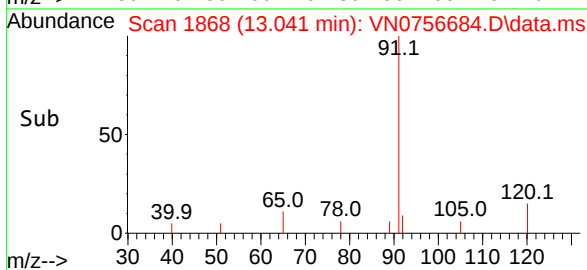
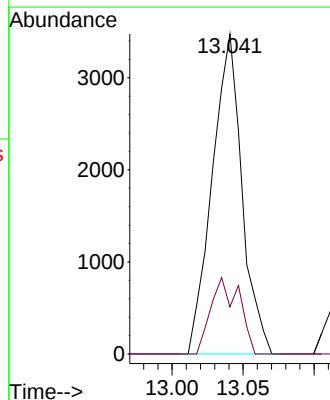
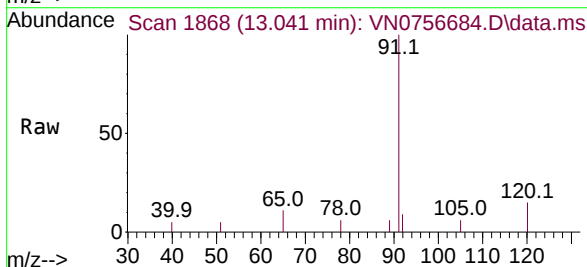
Instrument :
MSVOA_N
ClientSampleId :

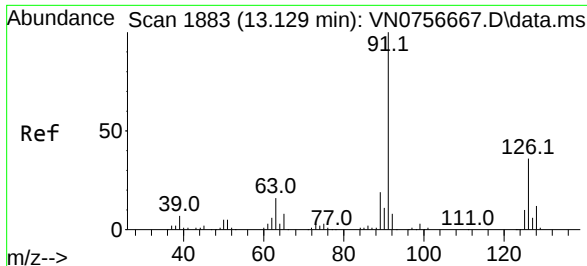
Tgt Ion:156 Resp: 1095
Ion Ratio Lower Upper
156 100
77 185.1 90.8 272.5
158 94.2 49.3 147.8



#78
n-propylbenzene
Concen: 0.443 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Tgt Ion: 91 Resp: 5063
Ion Ratio Lower Upper
91 100
120 22.7 12.1 36.3





#79

2-Chlorotoluene

Concen: 0.320 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

Instrument :

MSVOA_N

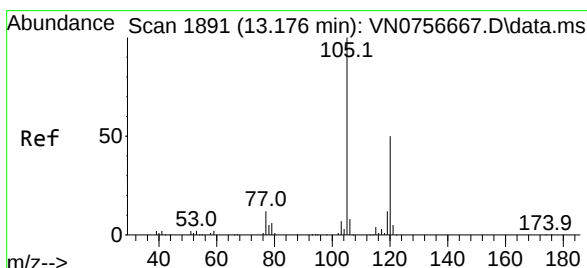
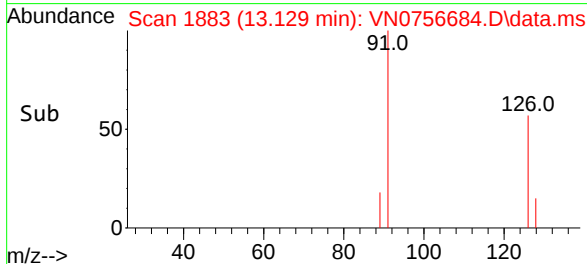
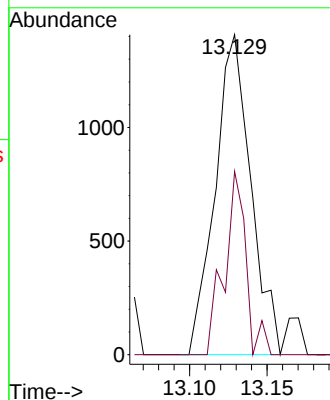
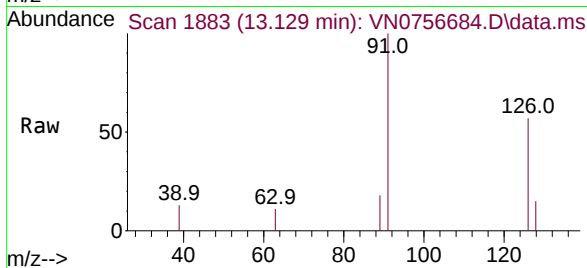
ClientSampleId :

Tgt Ion: 91 Resp: 2258

Ion Ratio Lower Upper

91 100

126 34.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 0.248 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN0756684.D

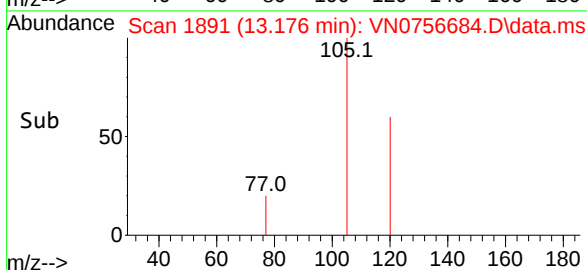
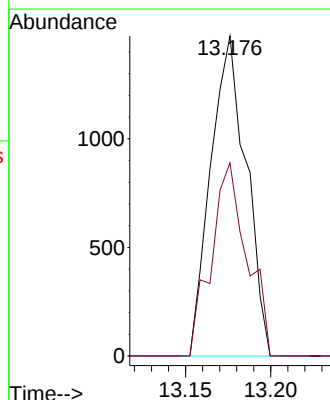
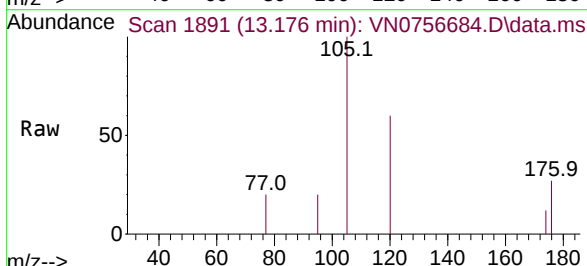
Acq: 10 Dec 2022 02:47

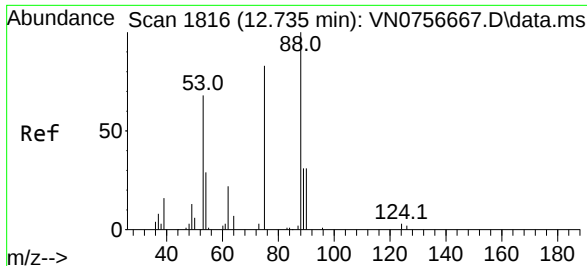
Tgt Ion: 105 Resp: 2135

Ion Ratio Lower Upper

105 100

120 60.8 24.9 74.6

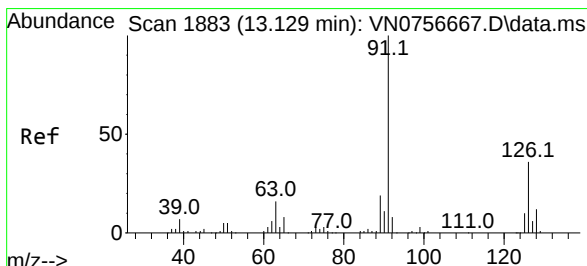
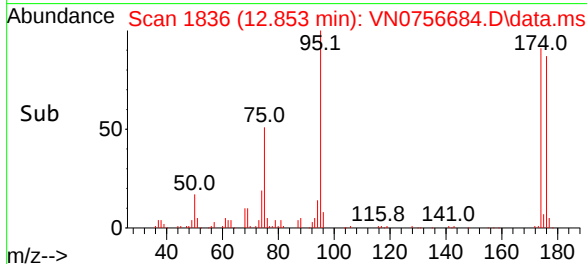
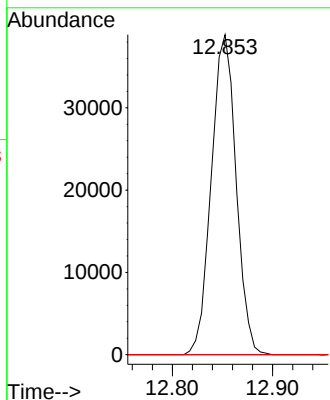
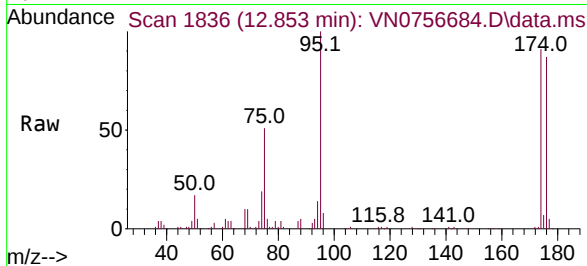




#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.179 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.117 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

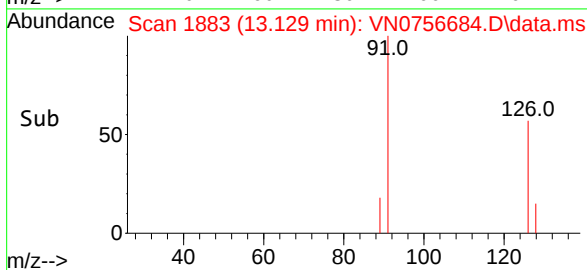
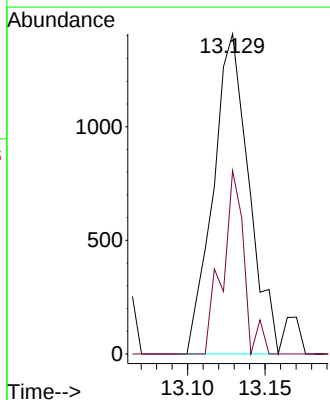
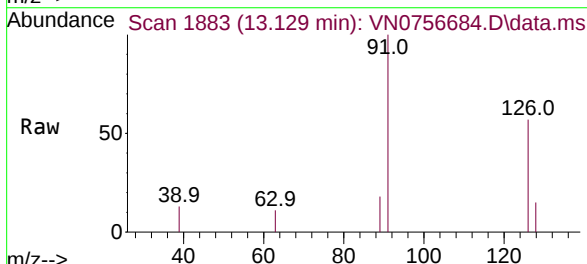
Instrument :
 MSVOA_N
 ClientSampleId :

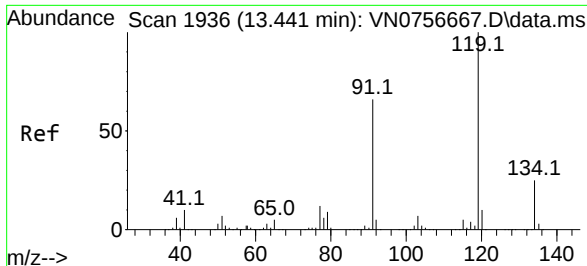
Tgt Ion: 75 Resp: 66761
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.4 108.6#
 89 0.0 36.6 55.0#



#82
 4-Chlorotoluene
 Concen: 0.320 ug/l
 RT: 13.129 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

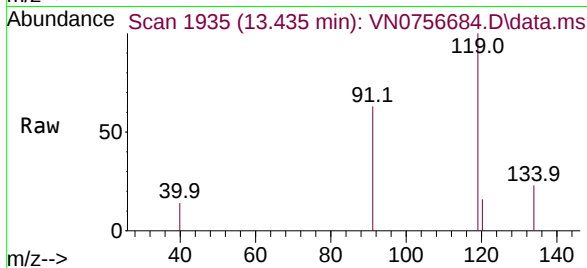
Tgt Ion: 91 Resp: 2258
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.8 53.4



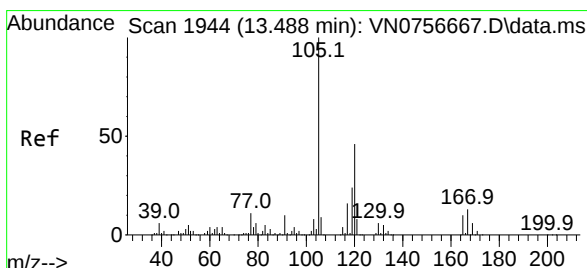
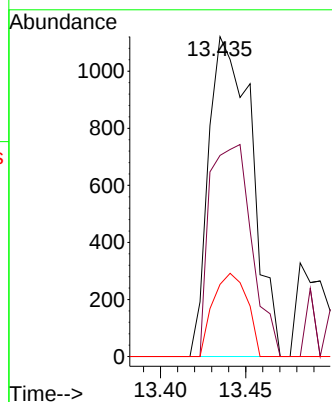
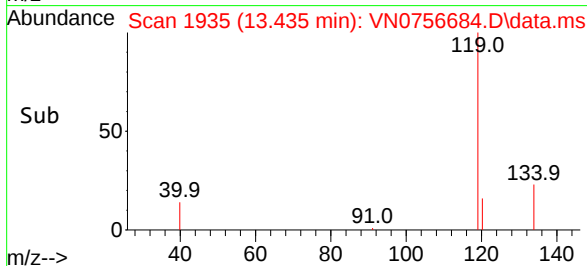


#83
 tert-Butylbenzene
 Concen: 0.253 ug/l
 RT: 13.435 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

Instrument :
 MSVOA_N
 ClientSampleId :

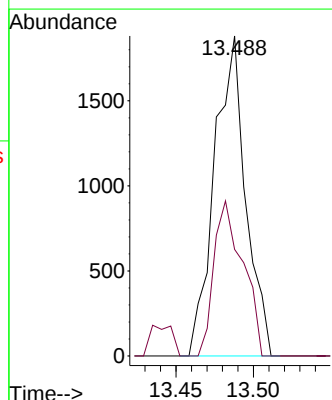
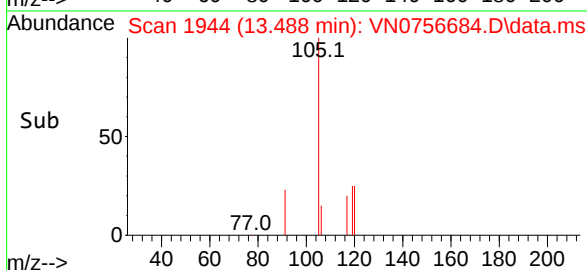
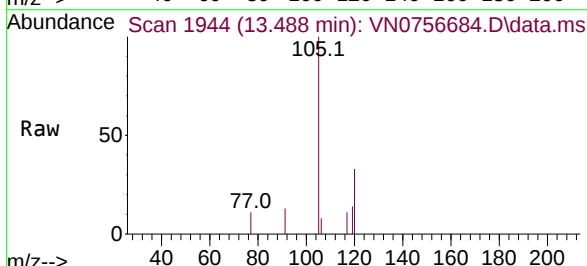


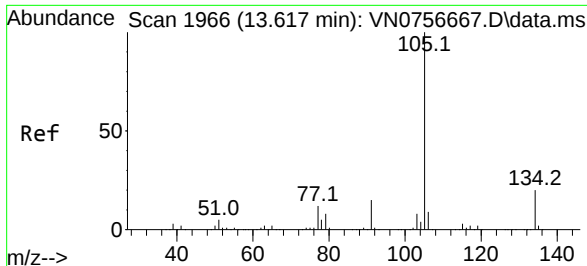
Tgt Ion:119 Resp: 1973
 Ion Ratio Lower Upper
 119 100
 91 64.2 31.9 95.9
 134 20.5 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 0.305 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

Tgt Ion:105 Resp: 2634
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.2

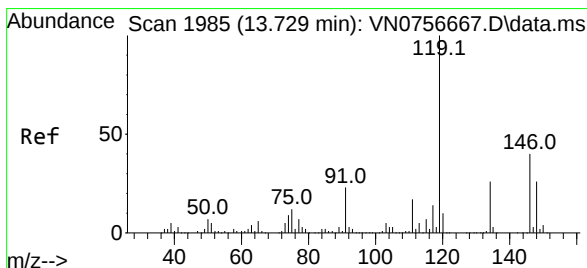
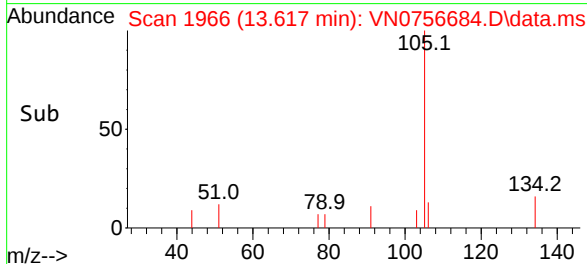
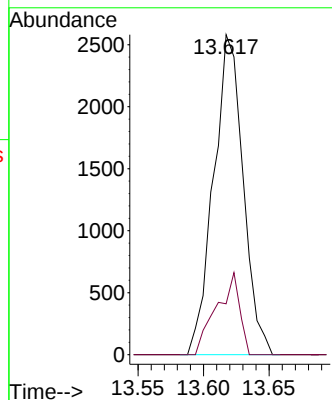
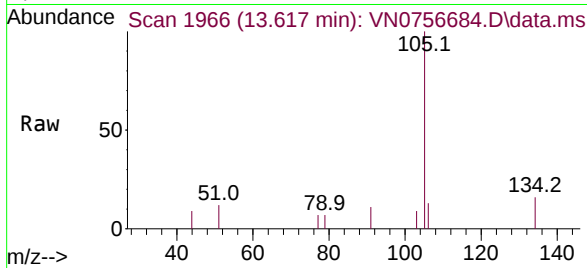




#85
 sec-Butylbenzene
 Concen: 0.377 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

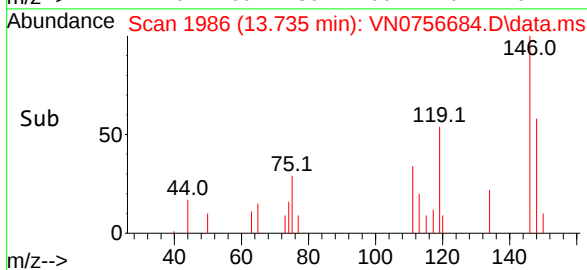
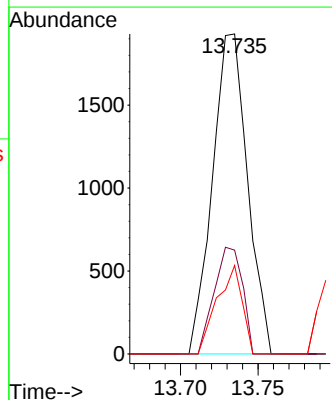
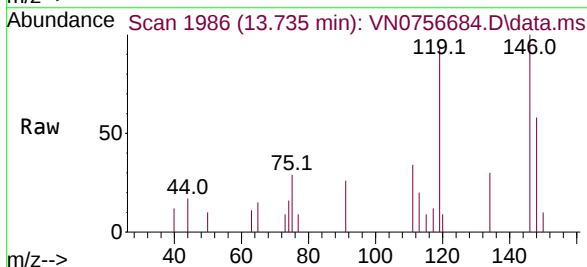
Instrument :
 MSVOA_N
 ClientSampleId :

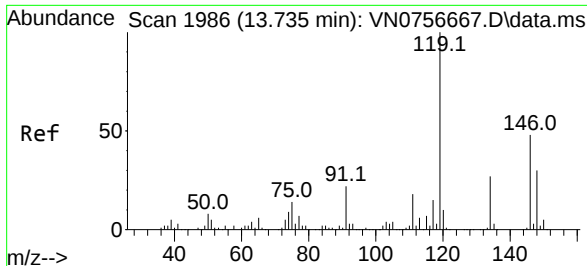
Tgt Ion:105 Resp: 4047
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 0.338 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

Tgt Ion:119 Resp: 3030
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 19.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.625 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

Instrument :

MSVOA_N

ClientSampleId :

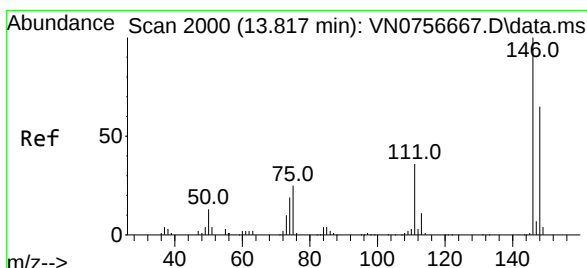
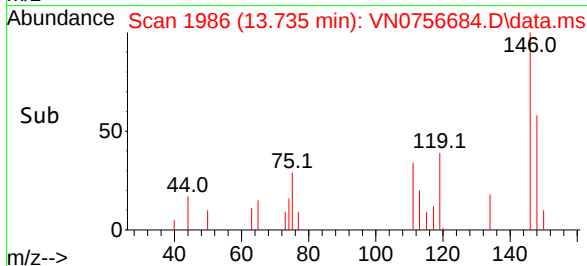
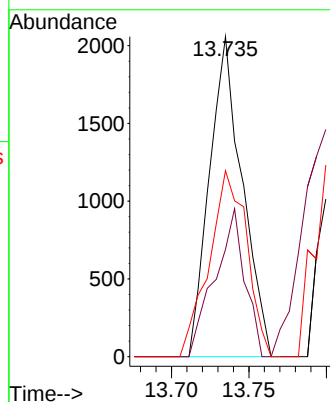
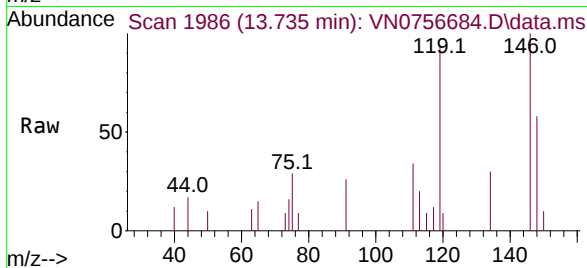
Tgt Ion:146 Resp: 3027

Ion Ratio Lower Upper

146 100

111 42.3 19.8 59.3

148 66.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 0.615 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.083 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

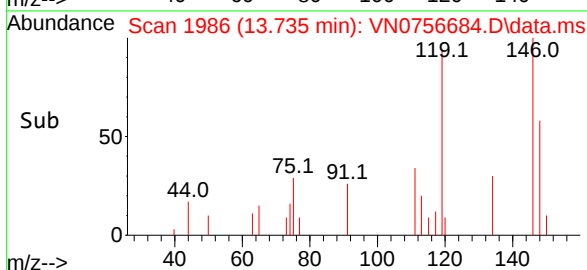
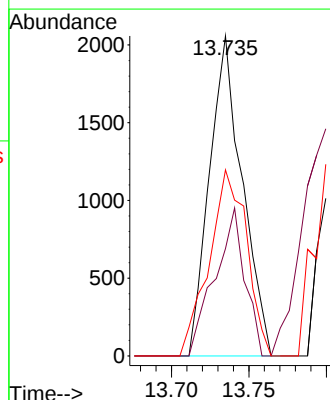
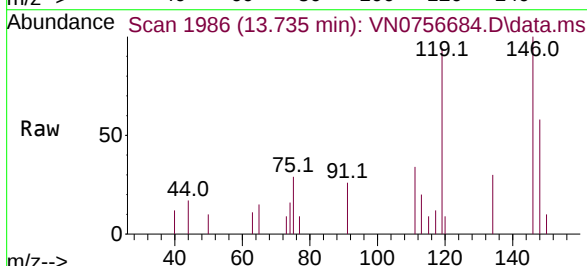
Tgt Ion:146 Resp: 3027

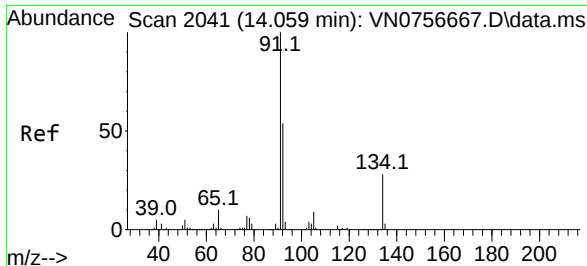
Ion Ratio Lower Upper

146 100

111 42.3 19.1 57.1

148 66.5 32.1 96.3





#89

n-Butylbenzene

Concen: 0.688 ug/l

RT: 14.058 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN0756684.D

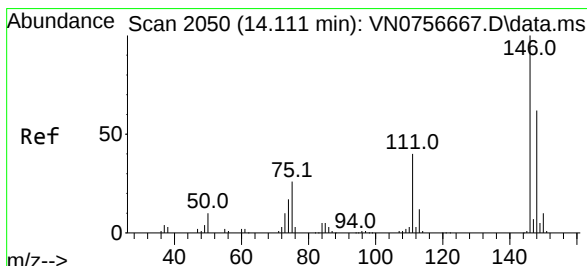
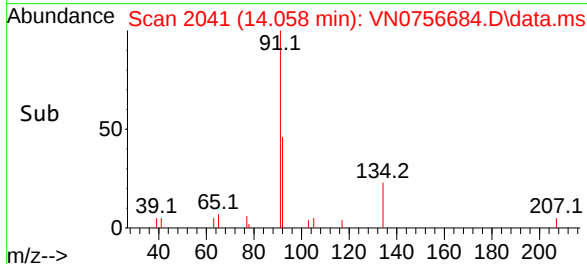
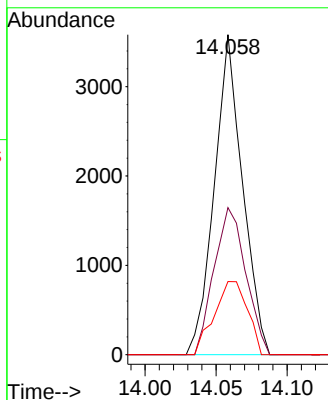
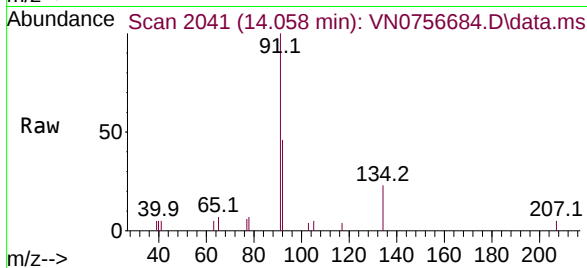
Acq: 10 Dec 2022 02:47

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp: 4948
Ion Ratio	Lower Upper
91	100
92	51.8 26.7 80.1
134	27.0 13.9 41.7



#91

1,2-Dichlorobenzene

Concen: 0.562 ug/l

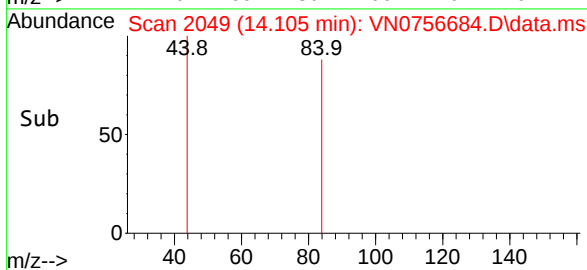
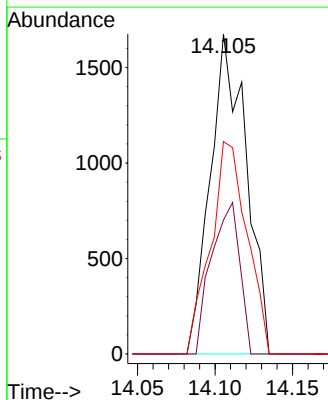
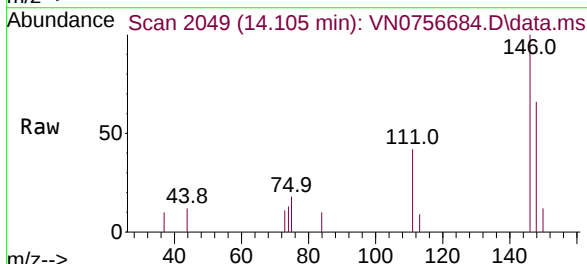
RT: 14.105 min Scan# 2049

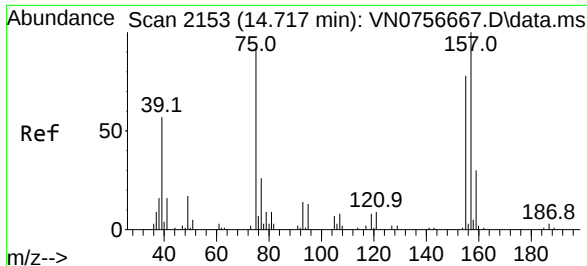
Delta R.T. -0.006 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

Tgt Ion: 146	Resp: 2708
Ion Ratio	Lower Upper
146	100
111	37.3 20.1 60.3
148	67.2 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.234 ug/l

RT: 14.729 min Scan# 2155

Delta R.T. 0.012 min

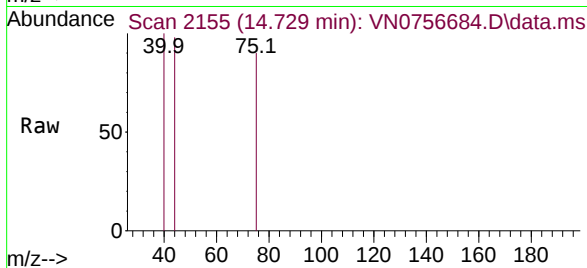
Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

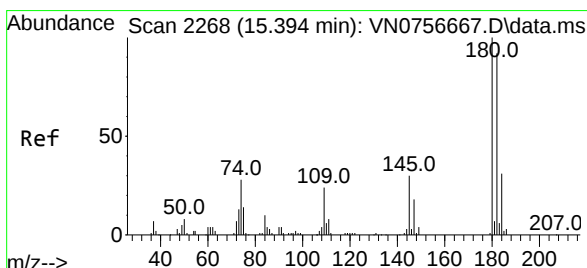
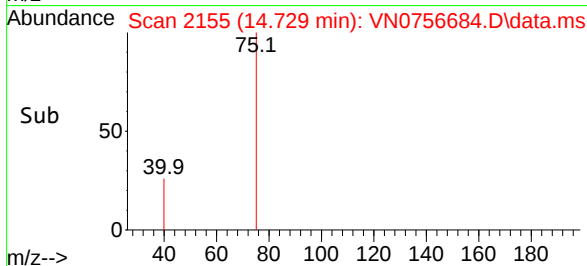
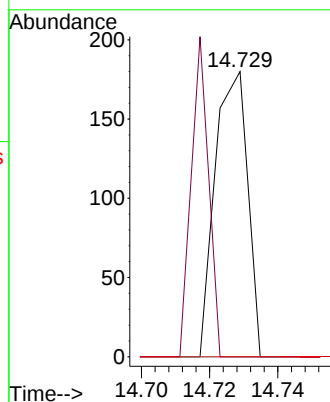
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 119
Ion Ratio	Lower Upper
75	100
155	59.7 48.4 145.2
157	0.0 63.5 190.6



#93

1,2,4-Trichlorobenzene

Concen: 1.425 ug/l

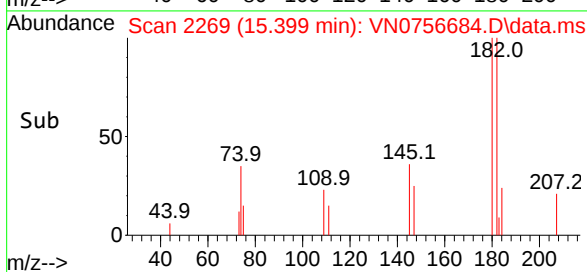
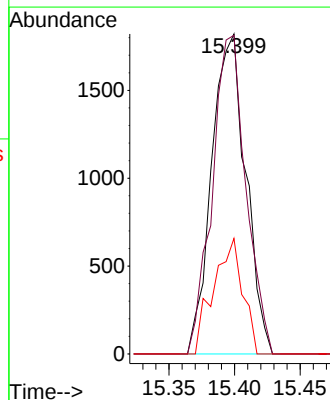
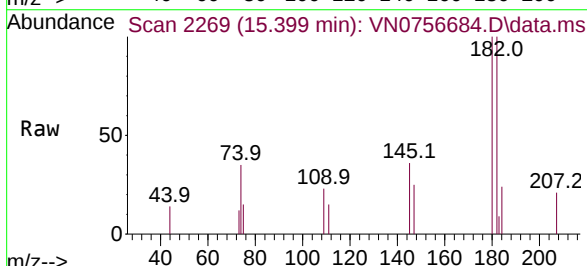
RT: 15.399 min Scan# 2269

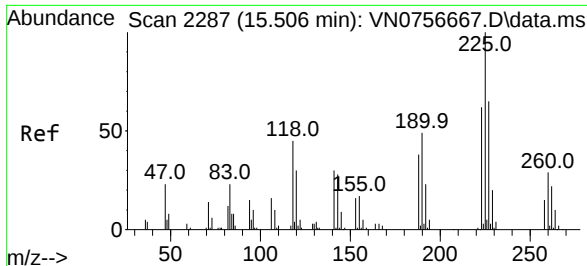
Delta R.T. 0.006 min

Lab File: VN0756684.D

Acq: 10 Dec 2022 02:47

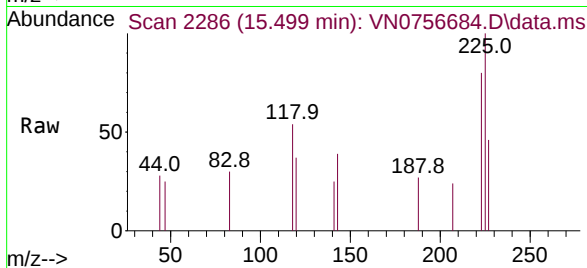
Tgt Ion: 180	Resp: 3295
Ion Ratio	Lower Upper
180	100
182	98.1 47.1 141.3
145	30.9 15.2 45.5



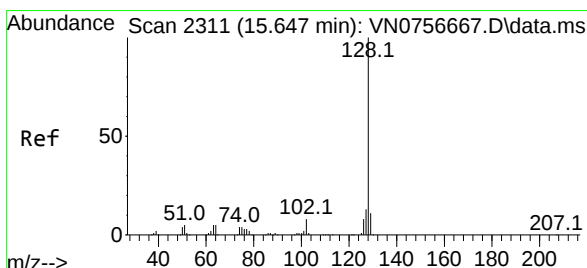
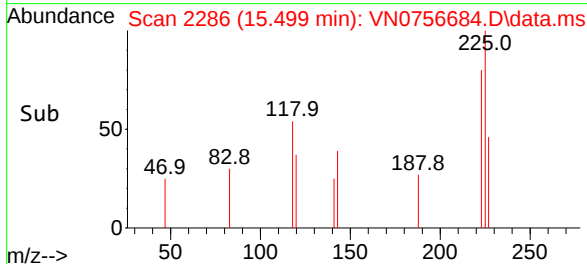
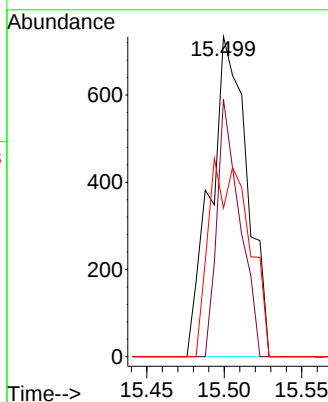


#94
Hexachlorobutadiene
Concen: 0.921 ug/l
RT: 15.499 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

Instrument :
MSVOA_N
ClientSampleId :

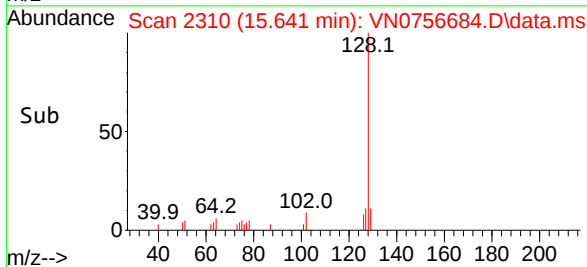
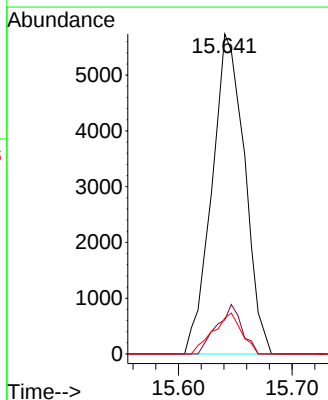
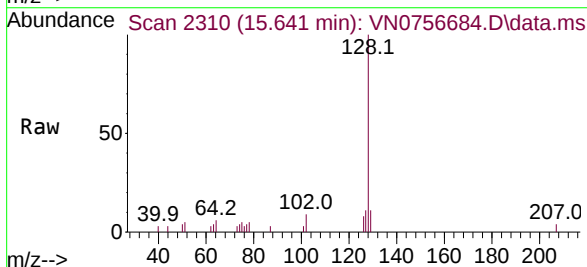


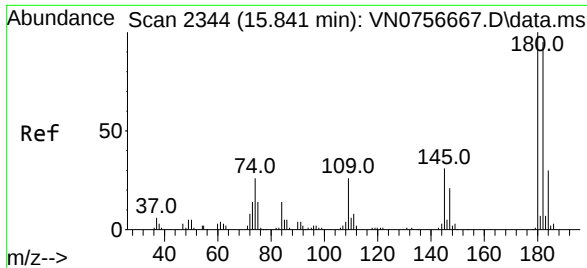
Tgt Ion:225 Resp: 1209
Ion Ratio Lower Upper
225 100
223 49.8 31.4 94.2
227 66.9 31.3 93.9



#95
Naphthalene
Concen: 1.676 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN0756684.D
Acq: 10 Dec 2022 02:47

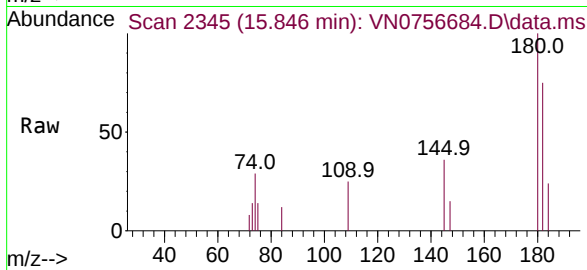
Tgt Ion:128 Resp: 11458
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 11.1 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.595 ug/l
 RT: 15.846 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN0756684.D
 Acq: 10 Dec 2022 02:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	3625
Ion Ratio	Lower	Upper	
180	100		
182	92.1	46.8	140.4
145	28.2	15.6	46.8

