

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035760.D
 Acq On : 19 May 2023 15:08
 Operator : JC/MD
 Sample : 02860-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 05:17:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

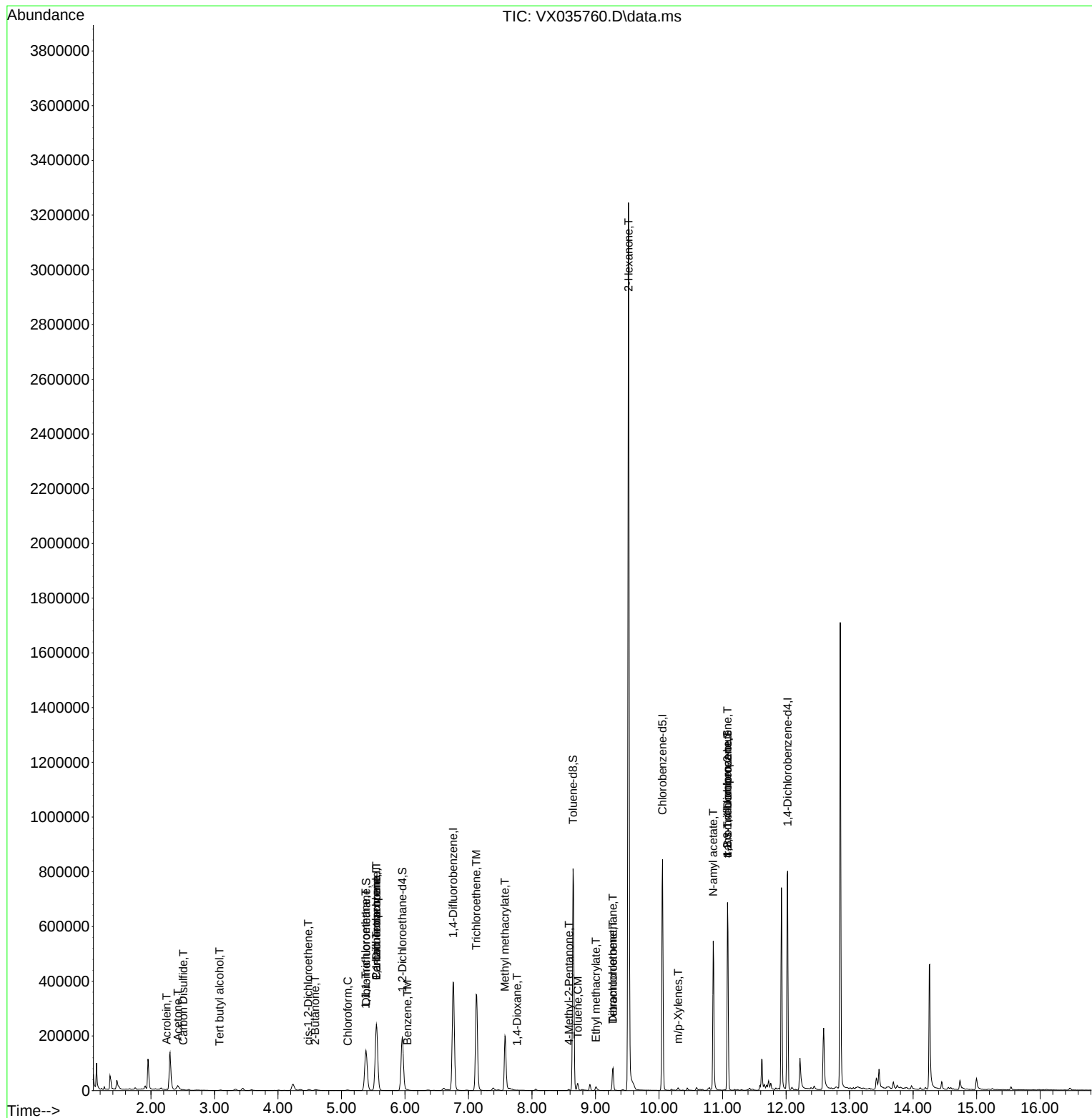
Internal Standards						
1) Pentafluorobenzene	5.549	168	203764	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	381307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	196821	55.369	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.740%			
35) Dibromofluoromethane	5.385	113	122890	47.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.580%			
50) Toluene-d8	8.646	98	457478	48.156	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.320%			
62) 4-Bromofluorobenzene	11.079	95	181080	47.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.680%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.080	59	313	0.499	ug/l	# 73
13) Acrolein	2.245	56	3033	4.075	ug/l	# 81
16) Acetone	2.422	43	24478	16.022	ug/l	95
17) Carbon Disulfide	2.507	76	1825	0.333	ug/l	# 95
25) 2-Butanone	4.586	43	8185	3.870	ug/l	# 87
27) cis-1,2-Dichloroethene	4.476	96	1109	0.371	ug/l	# 5
30) Chloroform	5.098	83	2504	0.480	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	3819	0.841	ug/l	# 52
36) 1,1-Dichloropropene	5.549	75	20077	4.946	ug/l	# 46
38) Carbon Tetrachloride	5.549	117	23714	6.167	ug/l	# 16
40) Benzene	6.037	78	2883	0.254	ug/l	93
44) Trichloroethene	7.122	130	126694	44.002	ug/l	94
48) Methyl methacrylate	7.574	41	58873	16.159	ug/l	# 46
49) 1,4-Dioxane	7.762	88	19	2.236	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.579	43	2630	0.618	ug/l	90
52) Toluene	8.720	92	9229	1.288	ug/l	99
56) Ethyl methacrylate	9.006	69	1646	0.361	ug/l	# 1
59) 2-Hexanone	9.518	43	461341	144.031	ug/l	# 47
60) Dibromochloromethane	9.274	129	13924	5.189	ug/l	# 10
64) Tetrachloroethene	9.274	164	13521	5.899	ug/l	95
68) m/p-Xylenes	10.299	106	1724	0.334	ug/l	75
74) N-amyl acetate	10.853	43	70951	11.938	ug/l	# 2
76) 1,2,3-Trichloropropane	11.079	75	97145	26.255	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	97145	84.615	ug/l	# 8

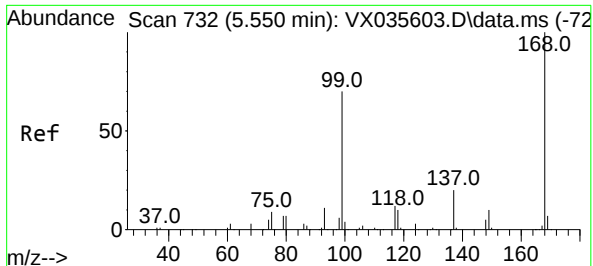
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
Data File : VX035760.D
Acq On : 19 May 2023 15:08
Operator : JC/MD
Sample : 02860-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

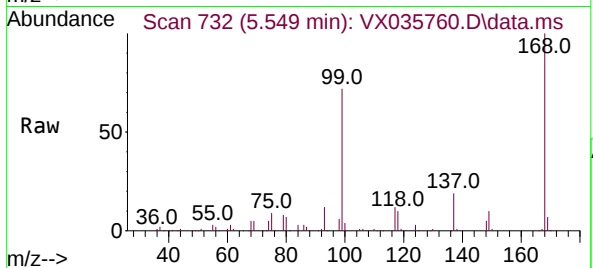
Quant Time: May 22 05:17:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



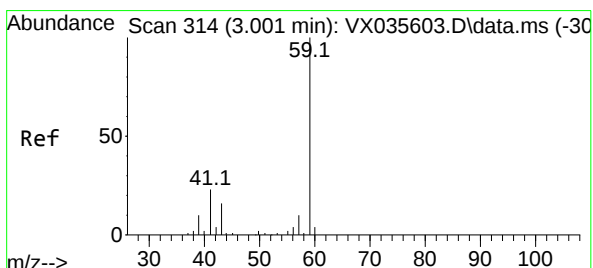
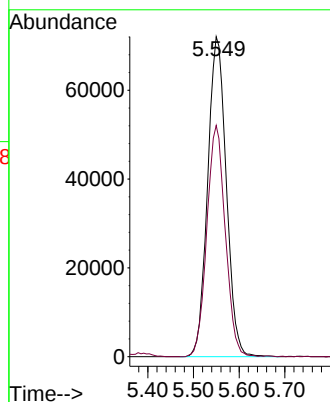
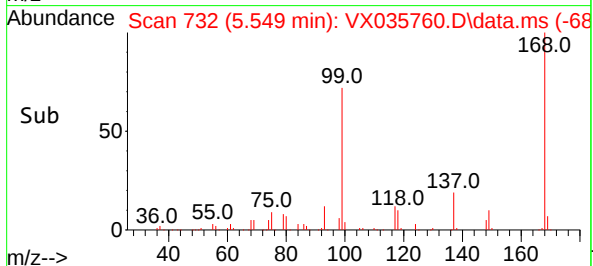


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :

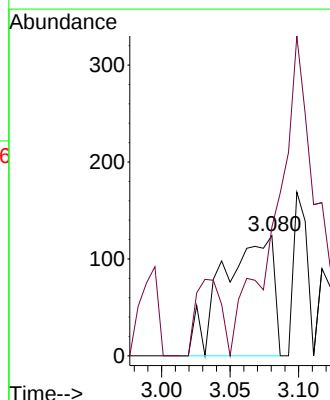
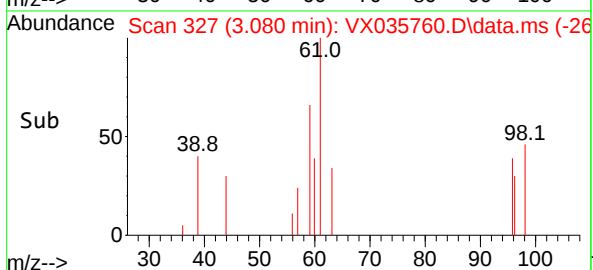
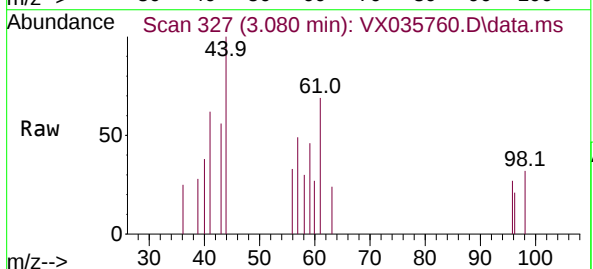


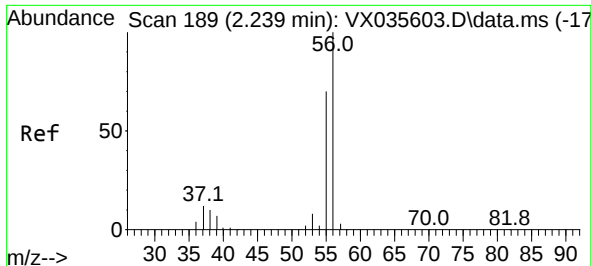
Tgt Ion:168 Resp: 203764
Ion Ratio Lower Upper
168 100
99 72.2 45.7 68.5#



#11
Tert butyl alcohol
Concen: 0.499 ug/l
RT: 3.080 min Scan# 327
Delta R.T. 0.079 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion: 59 Resp: 313
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

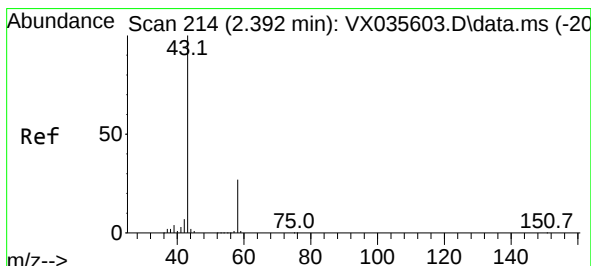
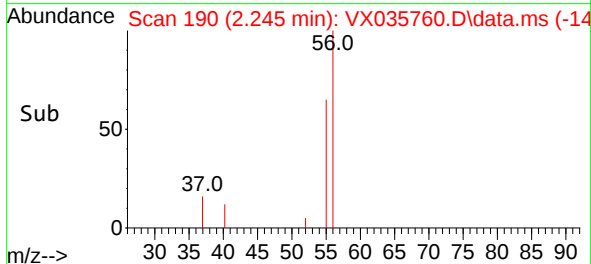
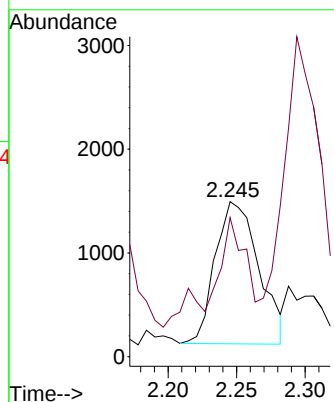
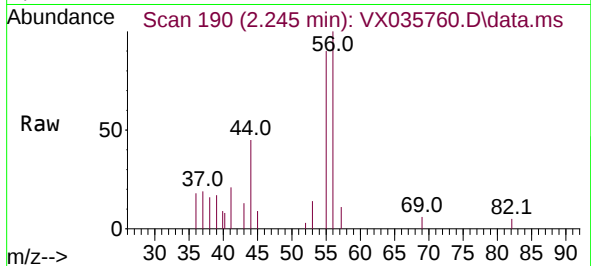




#13
Acrolein
Concen: 4.075 ug/l
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

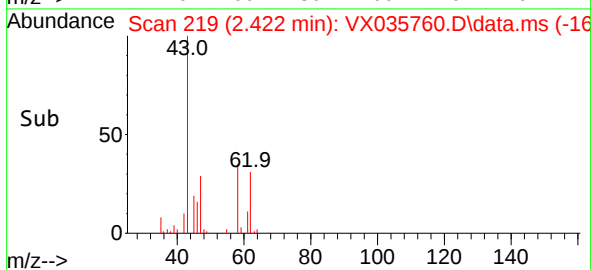
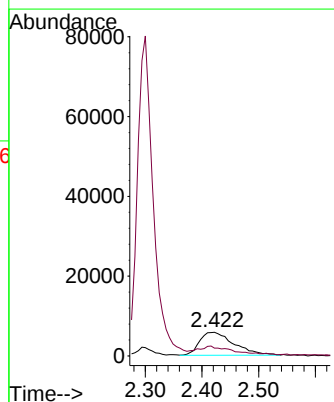
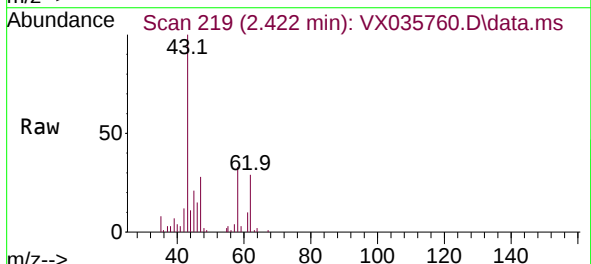
Instrument :
MSVOA_X
ClientSampleId :

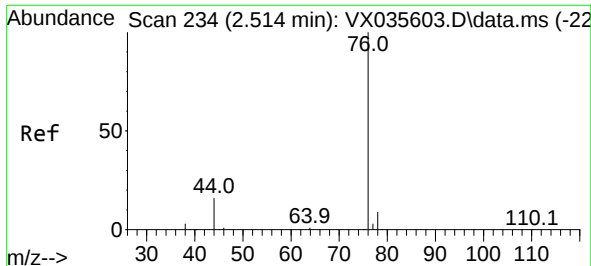
Tgt Ion: 56 Resp: 3033
Ion Ratio Lower Upper
56 100
55 55.3 56.6 85.0#



#16
Acetone
Concen: 16.022 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.030 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion: 43 Resp: 24478
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1

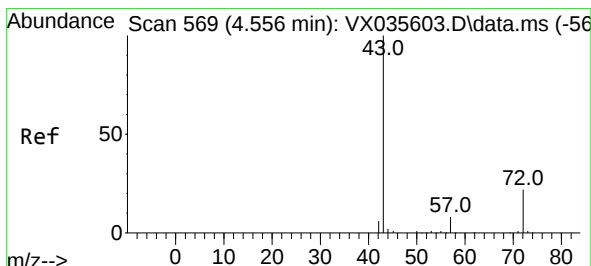
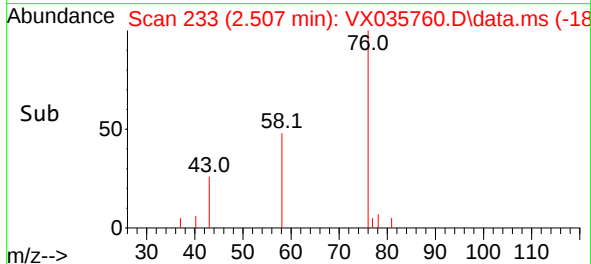
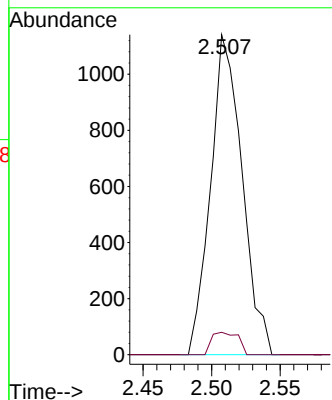
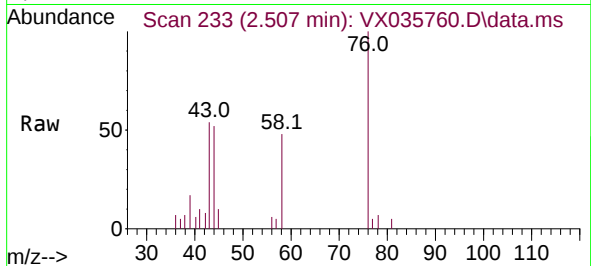




#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

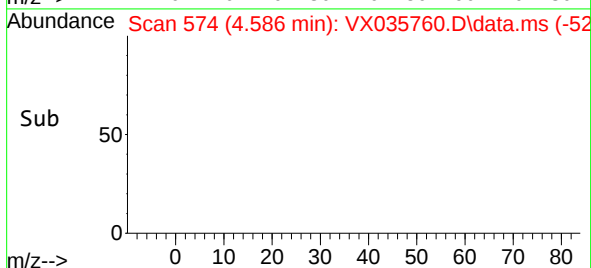
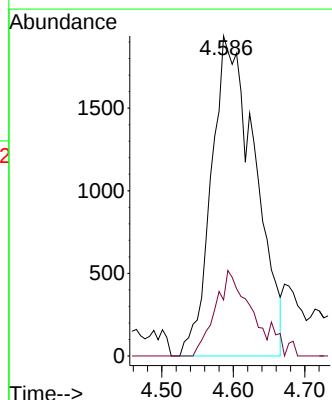
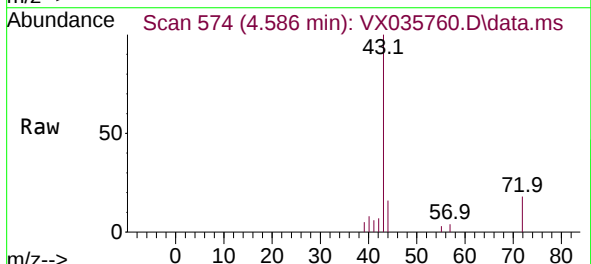
Instrument :
MSVOA_X
ClientSampleId :

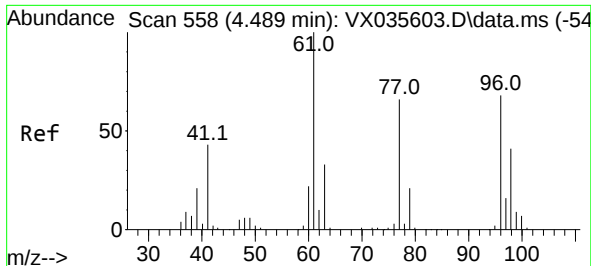
Tgt Ion: 76 Resp: 1825
Ion Ratio Lower Upper
76 100
78 7.0 7.2 10.8#



#25
2-Butanone
Concen: 3.870 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

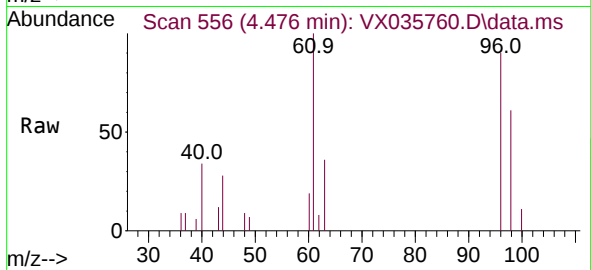
Tgt Ion: 43 Resp: 8185
Ion Ratio Lower Upper
43 100
72 17.5 19.3 28.9#



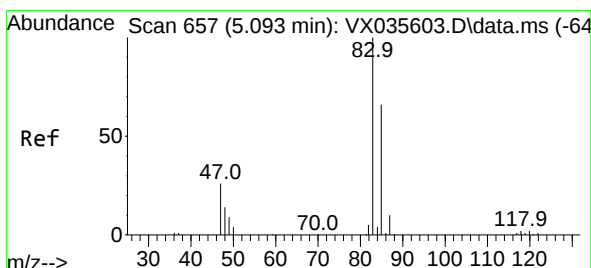
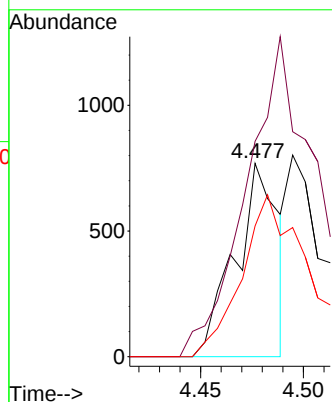
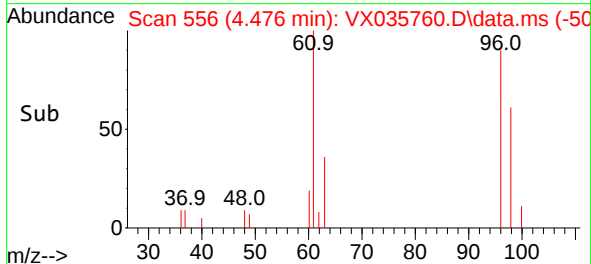


#27
 cis-1,2-Dichloroethene
 Concen: 0.371 ug/l
 RT: 4.476 min Scan# 511
 Delta R.T. -0.013 min
 Lab File: VX035760.D
 Acq: 19 May 2023 15:08

Instrument :
 MSVOA_X
 ClientSampleId :

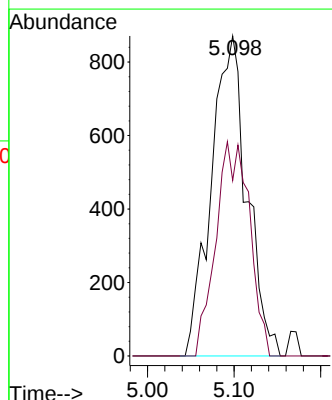
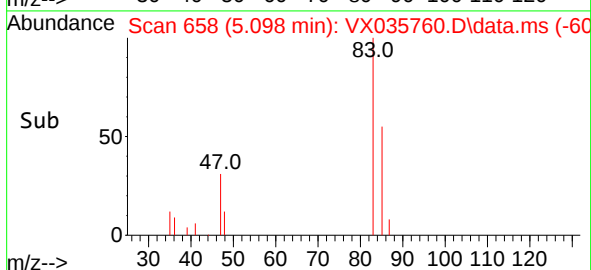
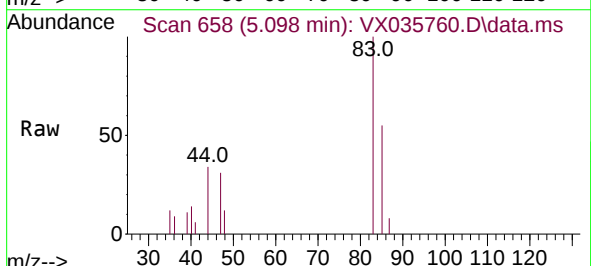


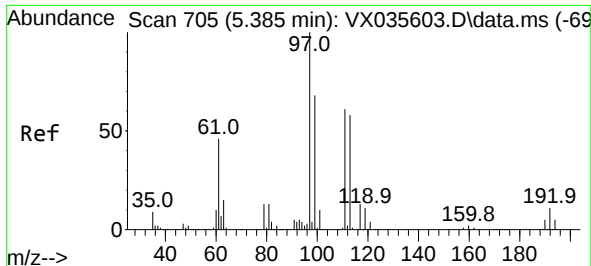
Tgt Ion: 96 Resp: 1109
 Ion Ratio Lower Upper
 96 100
 61 271.5 0.0 300.4
 98 138.7 0.0 129.0#



#30
 Chloroform
 Concen: 0.480 ug/l
 RT: 5.098 min Scan# 658
 Delta R.T. 0.005 min
 Lab File: VX035760.D
 Acq: 19 May 2023 15:08

Tgt Ion: 83 Resp: 2504
 Ion Ratio Lower Upper
 83 100
 85 54.9 50.6 76.0





#32

1,1,1-Trichloroethane

Concen: 0.841 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

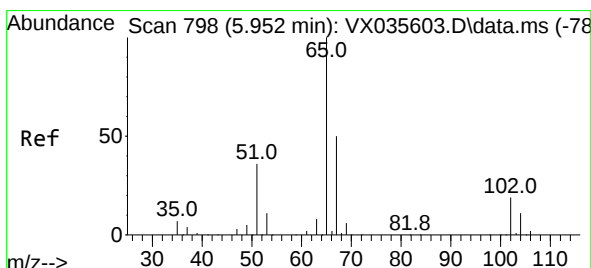
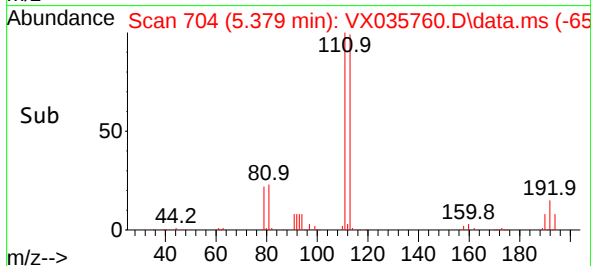
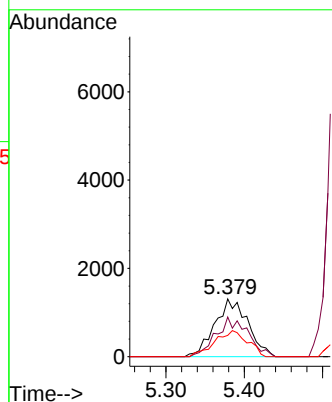
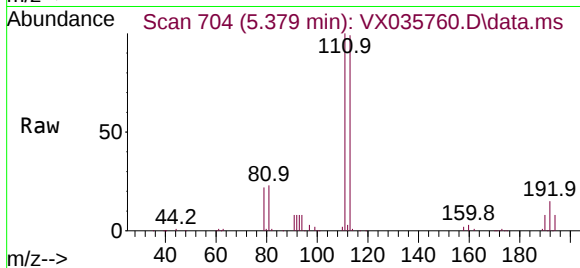
Tgt Ion: 97 Resp: 3819

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 45.0 36.5 54.7



#33

1,2-Dichloroethane-d4

Concen: 55.369 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX035760.D

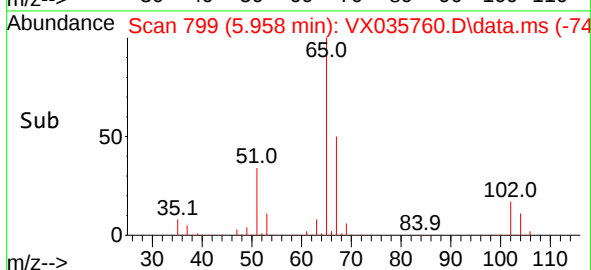
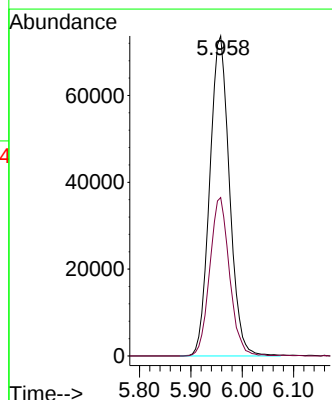
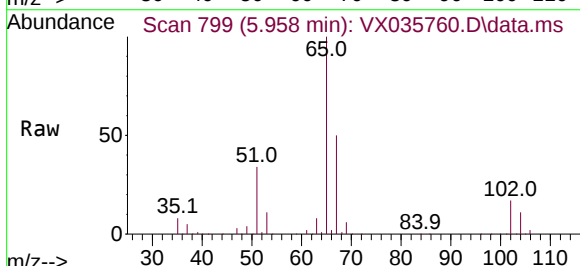
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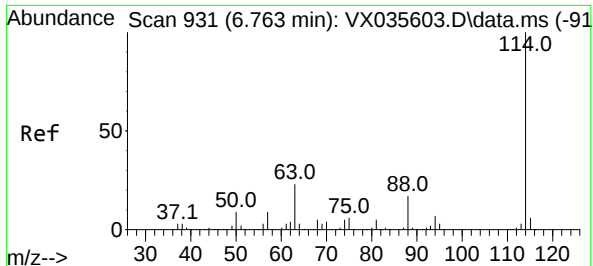
Tgt Ion: 65 Resp: 196821

Ion Ratio Lower Upper

65 100

67 49.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

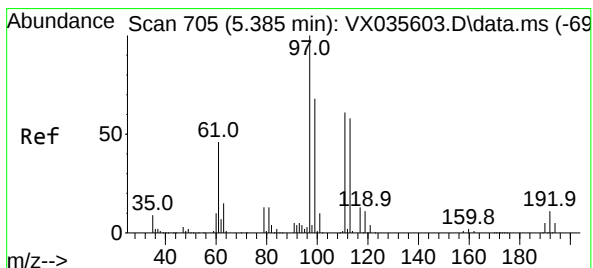
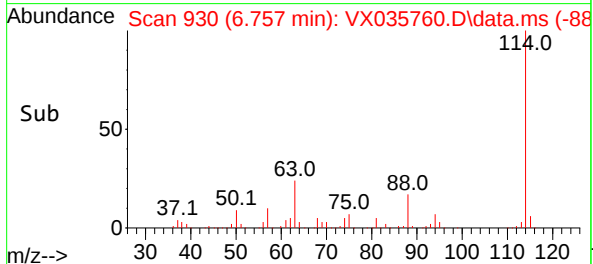
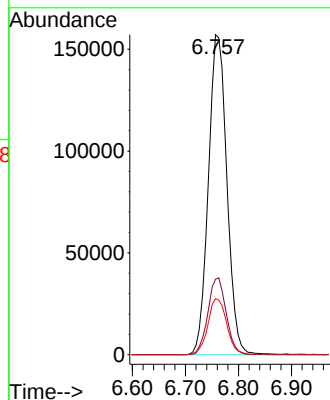
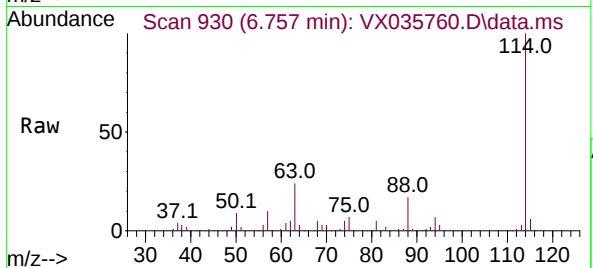
Tgt Ion:114 Resp: 381307

Ion Ratio Lower Upper

114 100

63 23.6 0.0 42.2

88 17.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.789 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

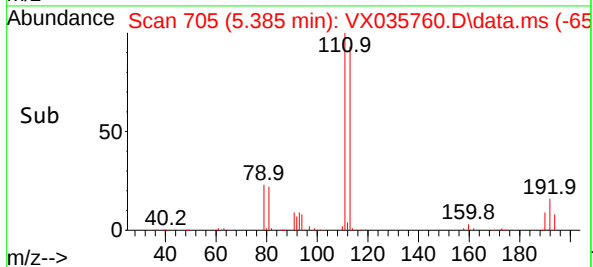
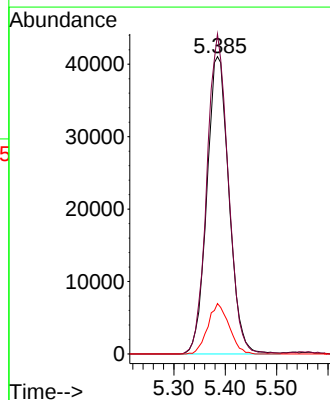
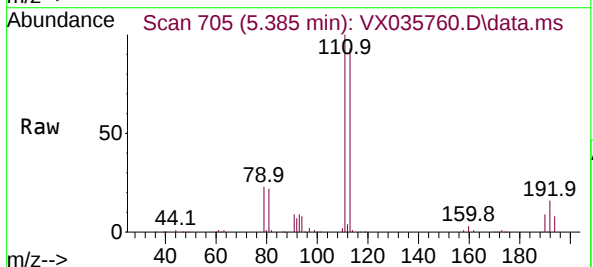
Tgt Ion:113 Resp: 122890

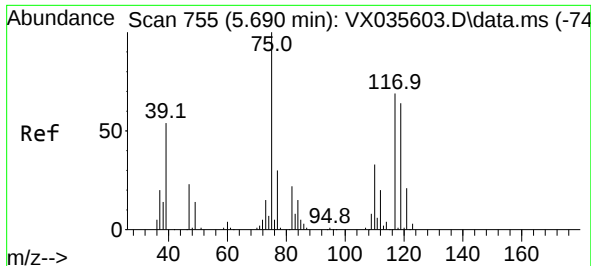
Ion Ratio Lower Upper

113 100

111 104.1 83.7 125.5

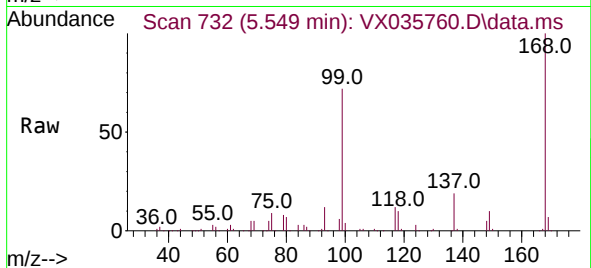
192 16.3 15.4 23.2





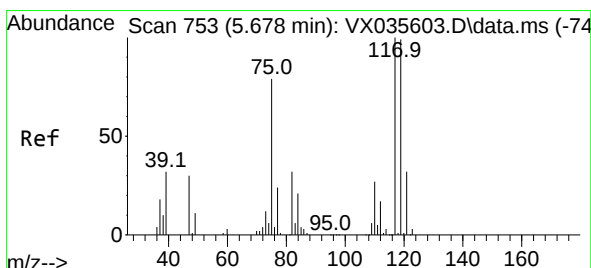
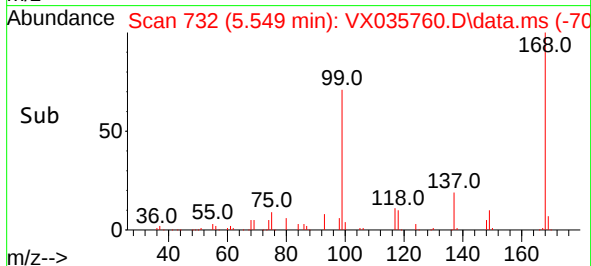
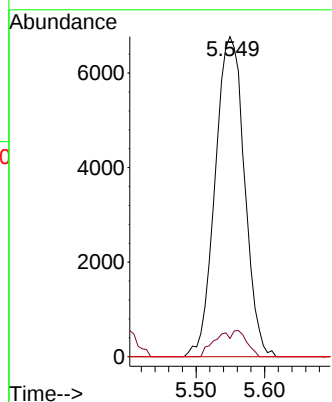
#36
 1,1-Dichloropropene
 Concen: 4.946 ug/l
 RT: 5.549 min Scan# 712
 Delta R.T. -0.141 min
 Lab File: VX035760.D
 Acq: 19 May 2023 15:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 20077

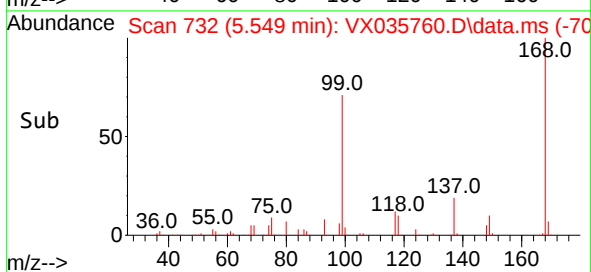
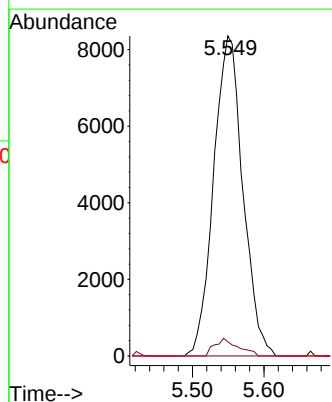
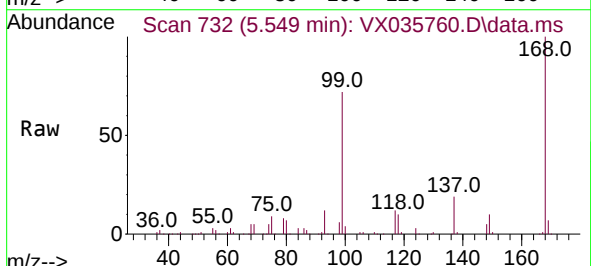
Ion	Ratio	Lower	Upper
75	100		
110	4.6	17.5	52.5#
77	0.0	24.3	36.5#

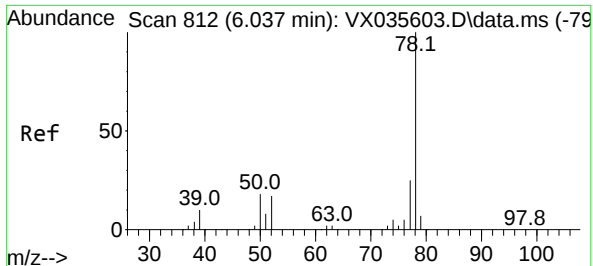


#38
 Carbon Tetrachloride
 Concen: 6.167 ug/l
 RT: 5.549 min Scan# 732
 Delta R.T. -0.129 min
 Lab File: VX035760.D
 Acq: 19 May 2023 15:08

Tgt Ion: 117 Resp: 23714

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	114.8#
121	0.0	23.8	35.6#

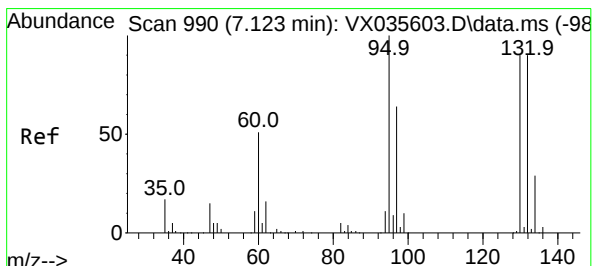
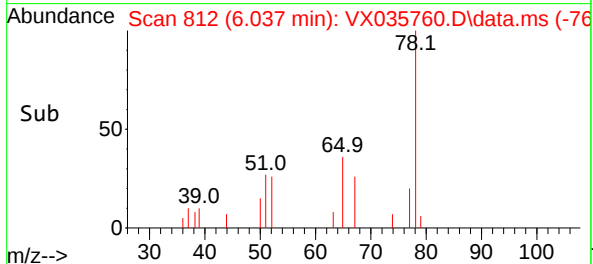
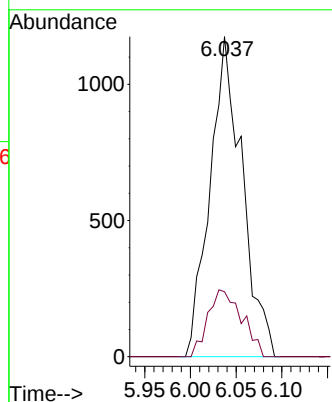
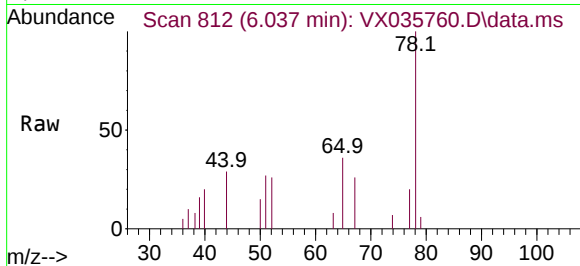




#40
Benzene
Concen: 0.254 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

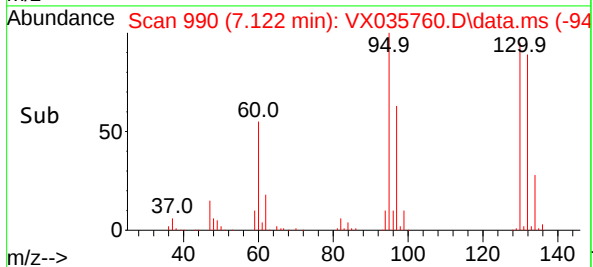
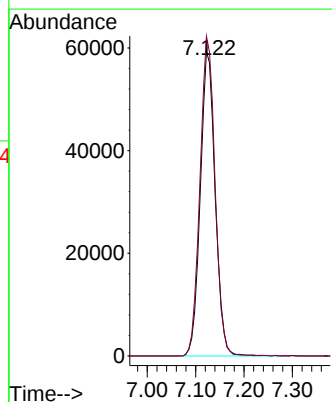
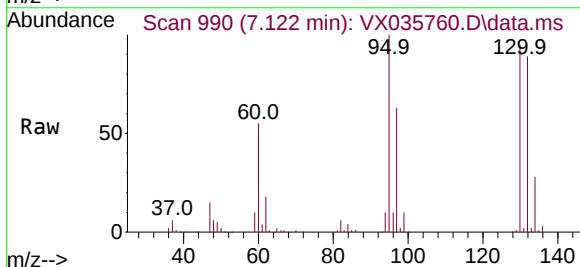
Instrument :
MSVOA_X
ClientSampleId :

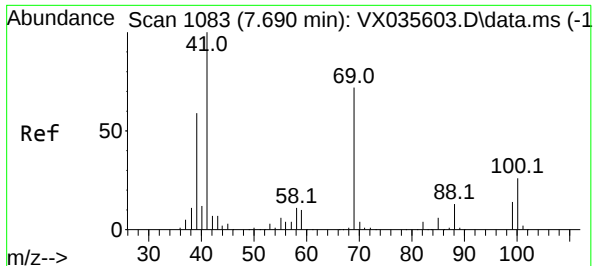
Tgt Ion: 78 Resp: 2883
Ion Ratio Lower Upper
78 100
77 20.3 19.0 28.4



#44
Trichloroethene
Concen: 44.002 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion:130 Resp: 126694
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.4





#48

Methyl methacrylate

Concen: 16.159 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.117 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

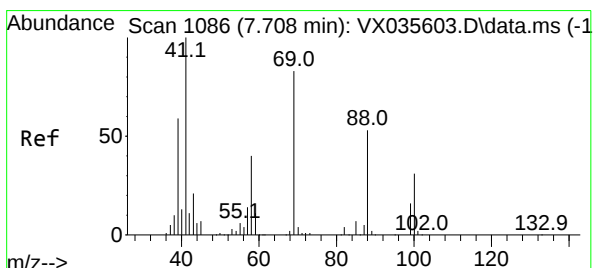
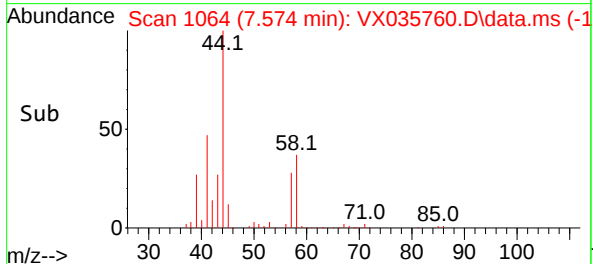
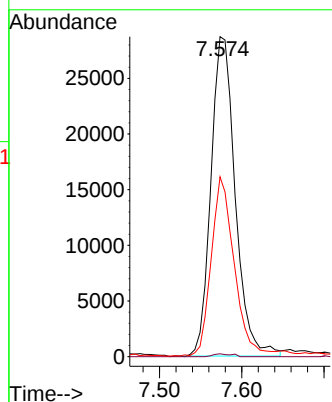
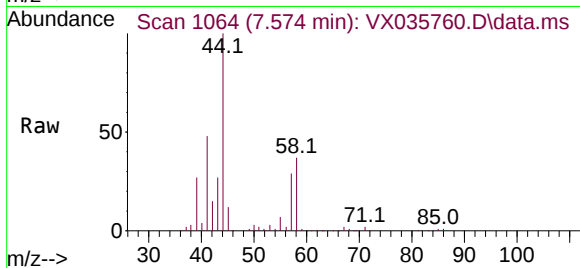
Tgt Ion: 41 Resp: 58873

Ion Ratio Lower Upper

41 100

69 0.7 62.2 93.4#

39 53.2 47.7 71.5



#49

1,4-Dioxane

Concen: 2.236 ug/l

RT: 7.762 min Scan# 1095

Delta R.T. 0.054 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

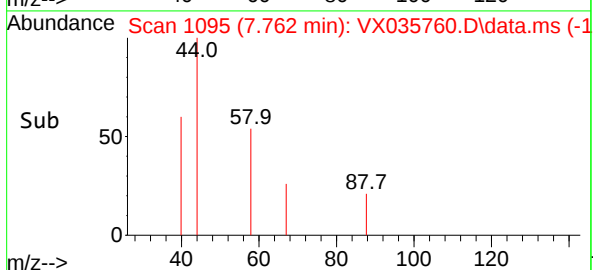
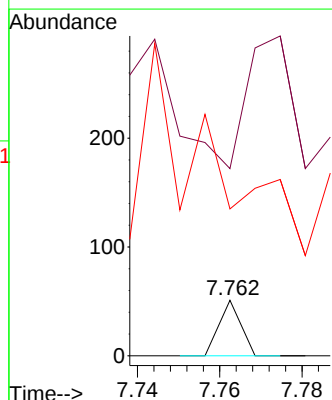
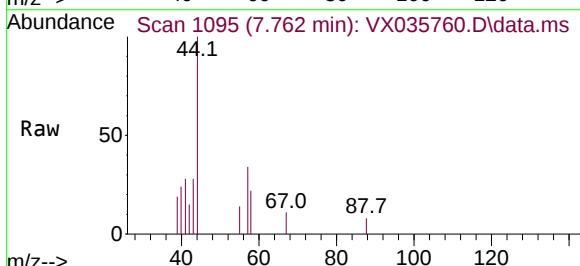
Tgt Ion: 88 Resp: 19

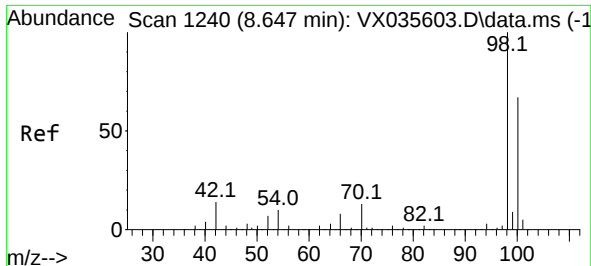
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 48.156 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

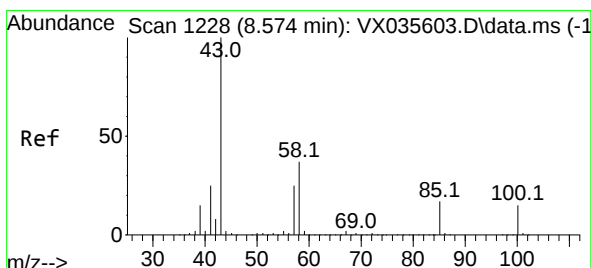
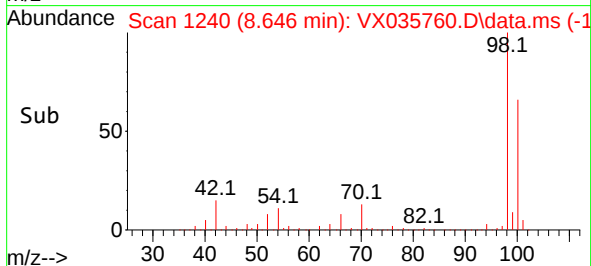
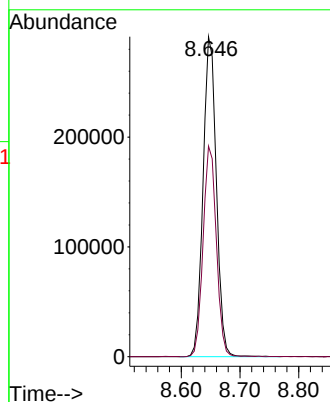
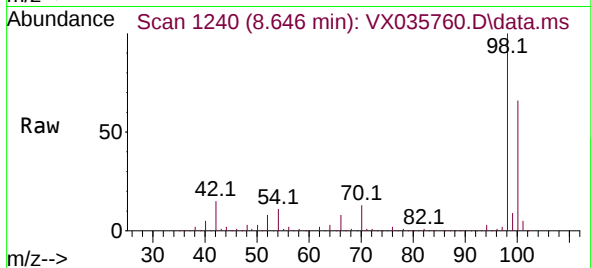
ClientSampleId :

Tgt Ion: 98 Resp: 457478

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.618 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.005 min

Lab File: VX035760.D

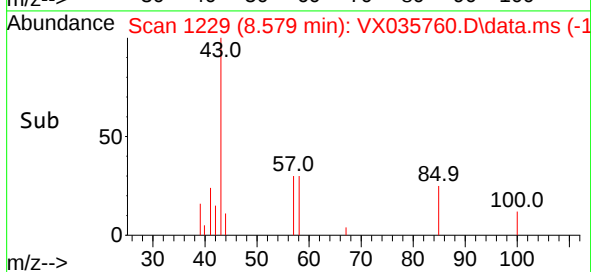
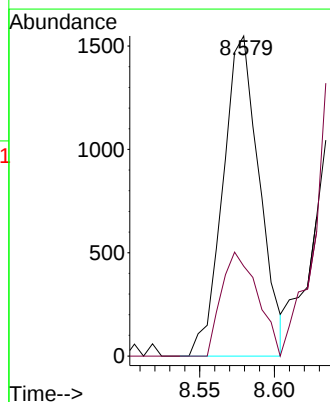
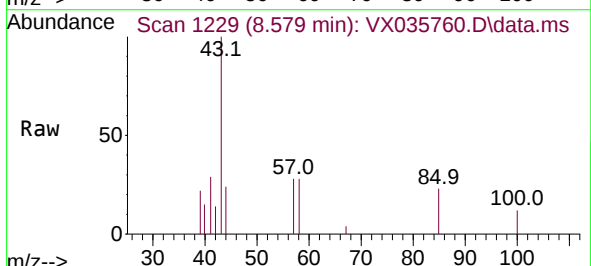
Acq: 19 May 2023 15:08

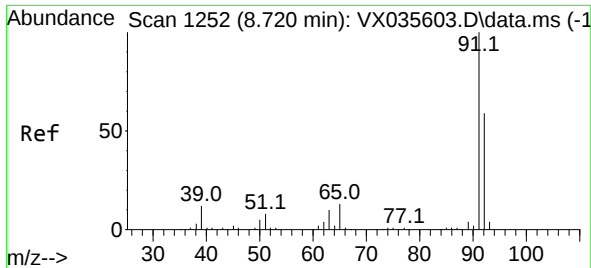
Tgt Ion: 43 Resp: 2630

Ion Ratio Lower Upper

43 100

58 32.2 30.6 46.0





#52

Toluene

Concen: 1.288 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

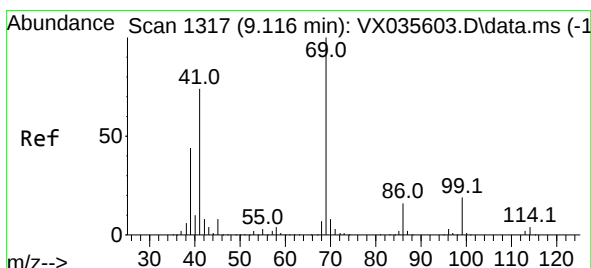
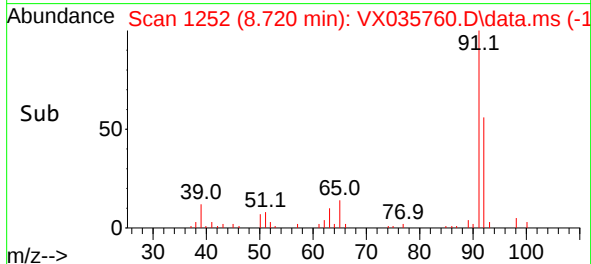
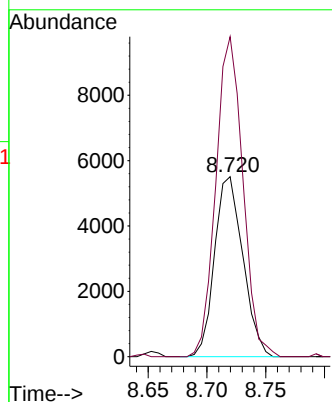
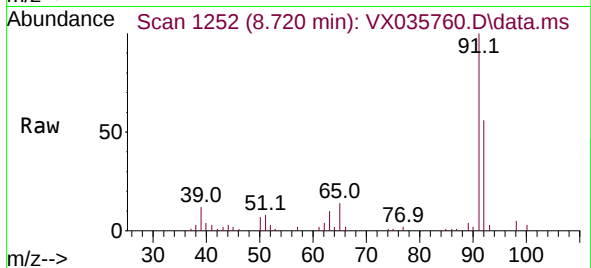
ClientSampleId :

Tgt Ion: 92 Resp: 9229

Ion Ratio Lower Upper

92 100

91 169.7 136.8 205.2



#56

Ethyl methacrylate

Concen: 0.361 ug/l

RT: 9.006 min Scan# 1299

Delta R.T. -0.110 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

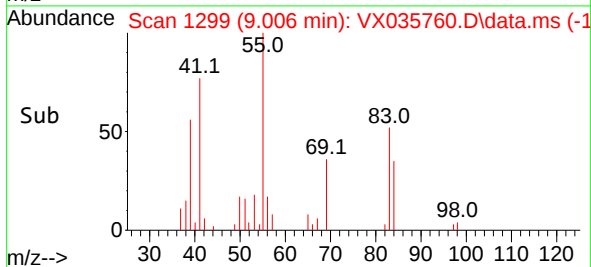
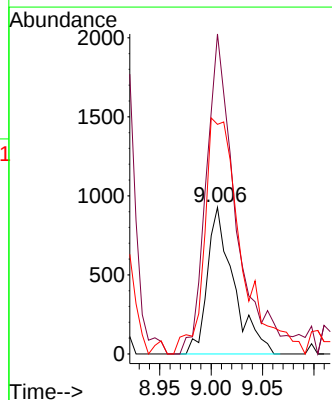
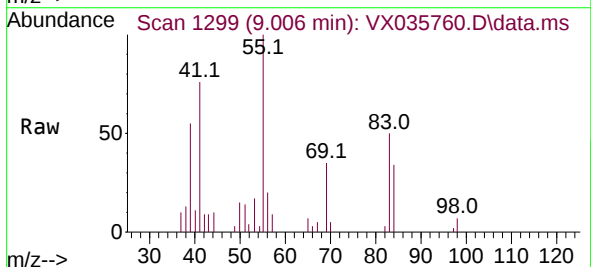
Tgt Ion: 69 Resp: 1646

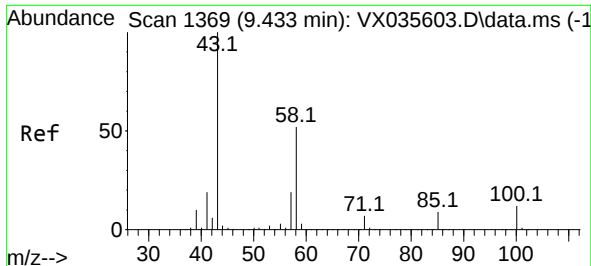
Ion Ratio Lower Upper

69 100

41 248.5 57.4 86.0#

39 225.7 33.7 50.5#





#59

2-Hexanone

Concen: 144.031 ug/l

RT: 9.518 min Scan# 1

Delta R.T. 0.085 min

Lab File: VX035760.D

Acq: 19 May 2023 15:08

Instrument :

MSVOA_X

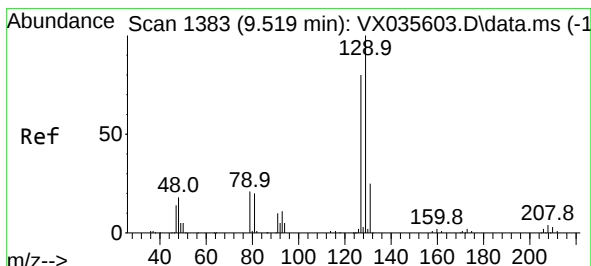
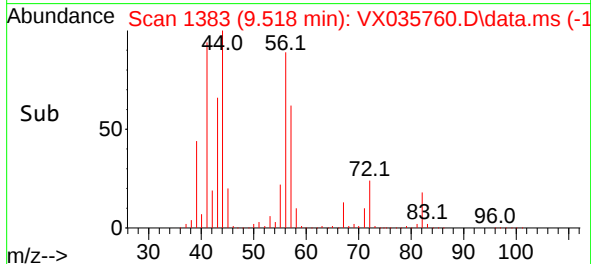
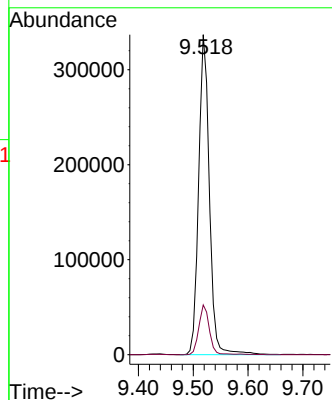
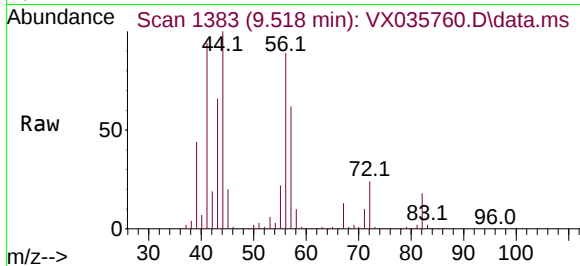
ClientSampleId :

Tgt Ion: 43 Resp: 461341

Ion Ratio Lower Upper

43 100

58 15.1 26.3 78.9#



#60

Dibromochloromethane

Concen: 5.189 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. -0.245 min

Lab File: VX035760.D

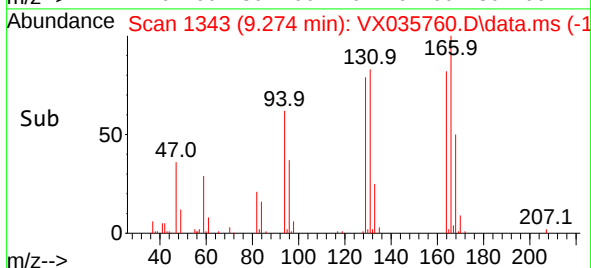
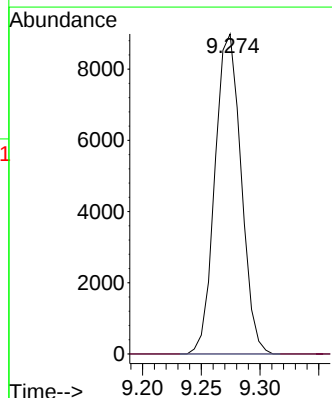
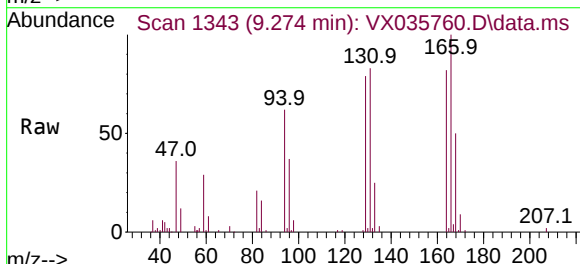
Acq: 19 May 2023 15:08

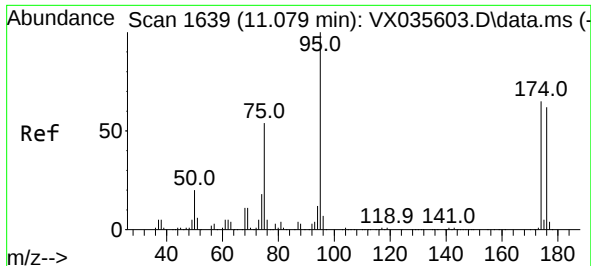
Tgt Ion: 129 Resp: 13924

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

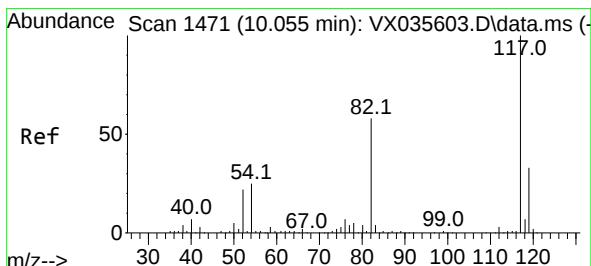
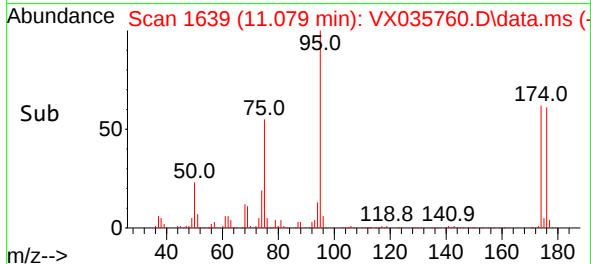
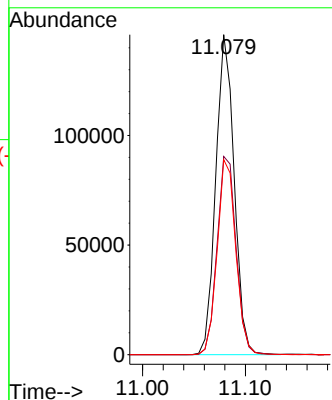
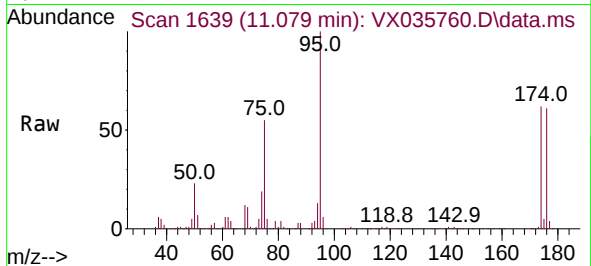




#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

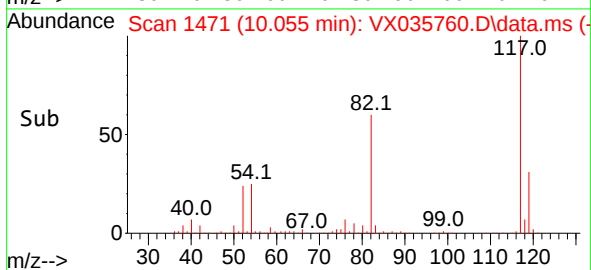
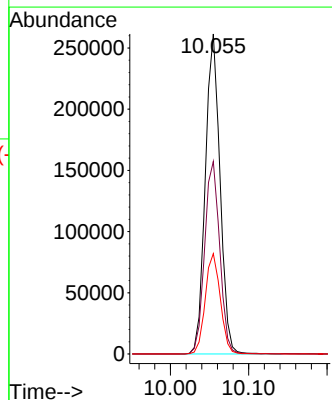
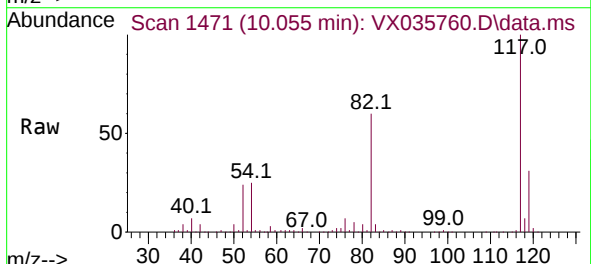
Instrument :
MSVOA_X
ClientSampleId :

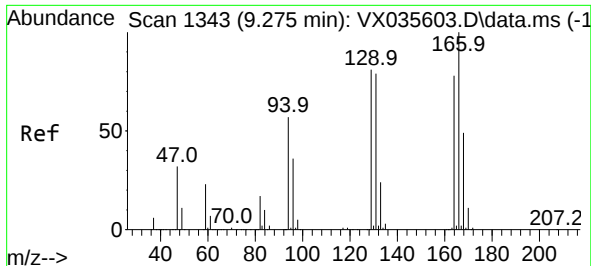
Tgt Ion: 95 Resp: 181080
Ion Ratio Lower Upper
95 100
174 64.0 0.0 147.4
176 61.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

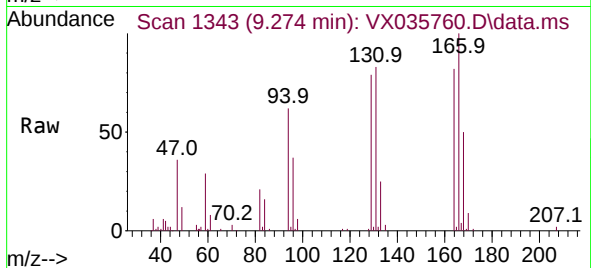
Tgt Ion: 117 Resp: 340483
Ion Ratio Lower Upper
117 100
82 60.2 45.0 67.4
119 31.4 26.0 39.0



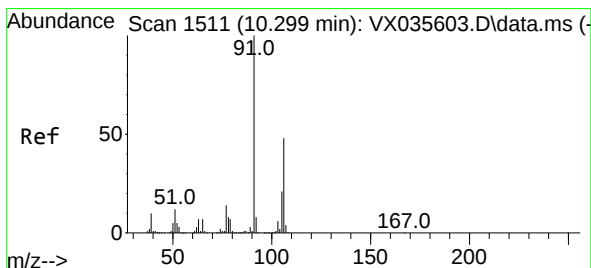
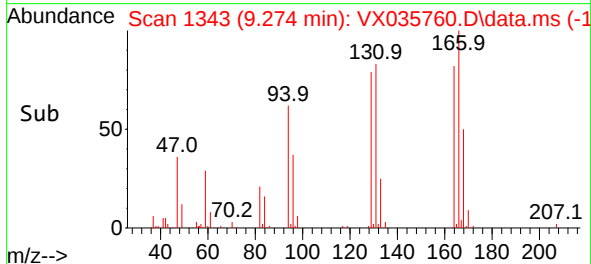
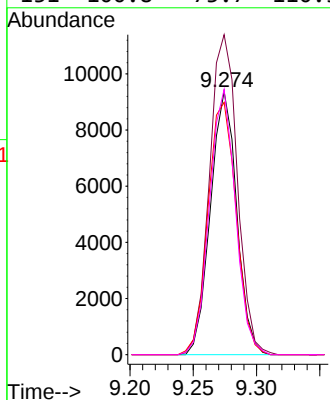


#64
Tetrachloroethene
Concen: 5.899 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :

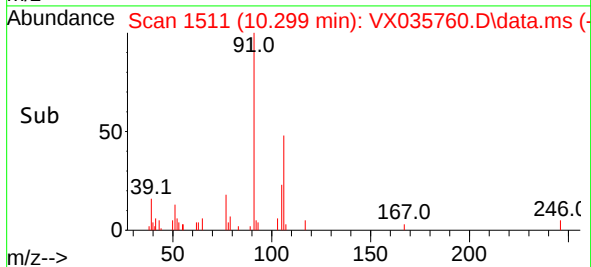
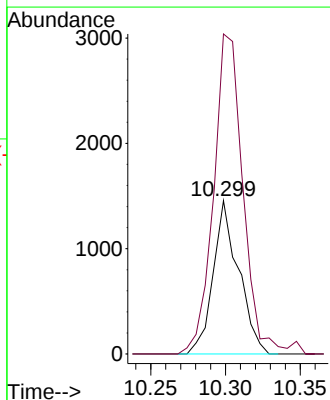
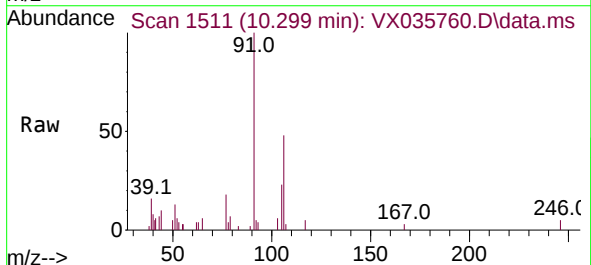


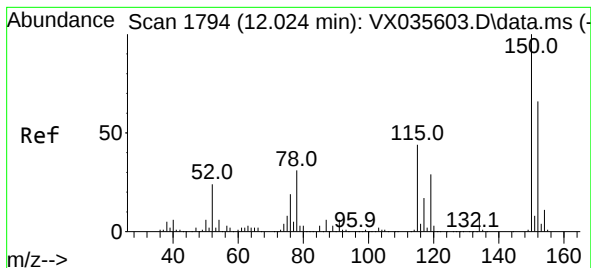
Tgt Ion:164 Resp: 13521
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 95.9 75.6 113.4
131 100.8 73.7 110.5



#68
m/p-Xylenes
Concen: 0.334 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

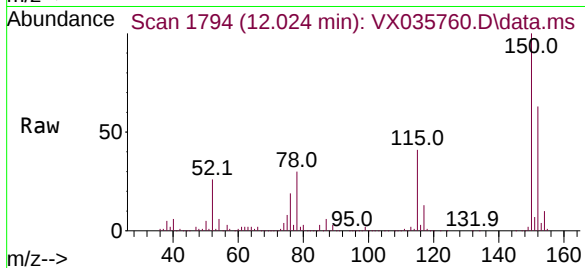
Tgt Ion:106 Resp: 1724
Ion Ratio Lower Upper
106 100
91 242.8 164.0 246.0



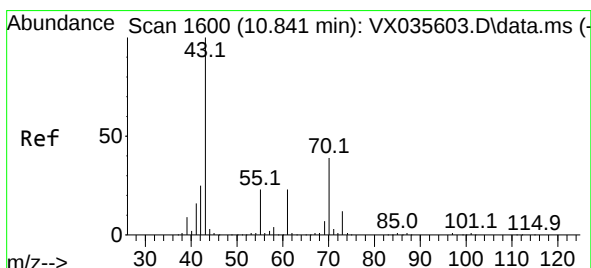
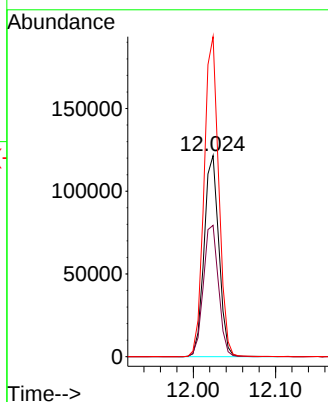
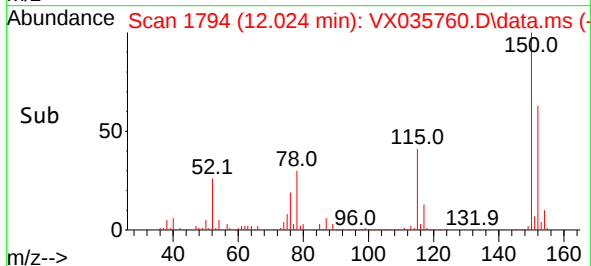


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 115
Delta R.T. -0.000 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

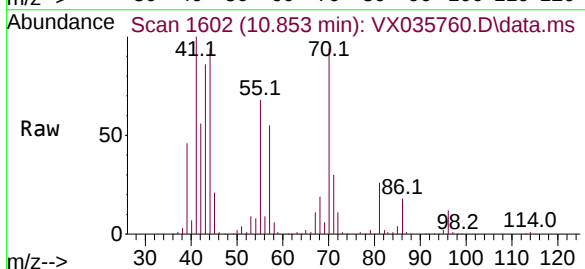
Instrument :
MSVOA_X
ClientSampleId :



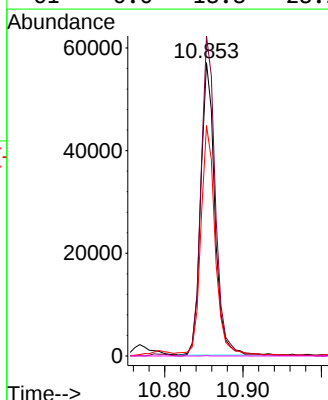
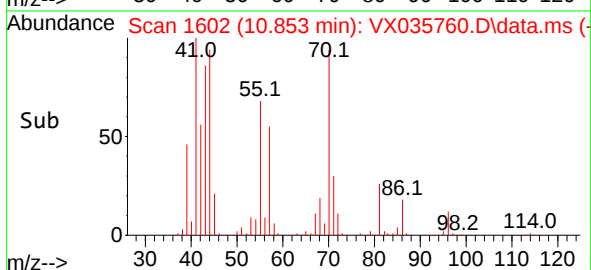
Tgt Ion:152 Resp: 151269
Ion Ratio Lower Upper
152 100
115 67.2 45.0 135.0
150 158.0 0.0 352.4

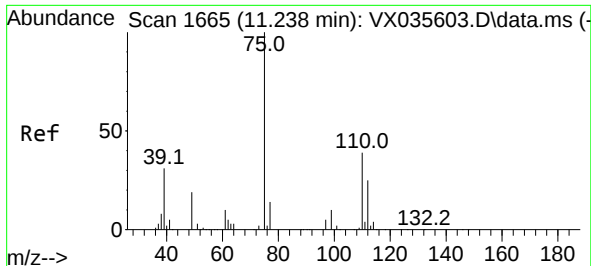


#74
N-ethyl acetate
Concen: 11.938 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08



Tgt Ion: 43 Resp: 70951
Ion Ratio Lower Upper
43 100
70 112.2 32.1 48.1#
55 80.0 18.3 27.5#
61 0.0 18.8 28.2#

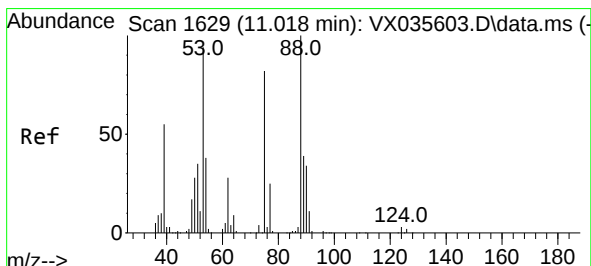
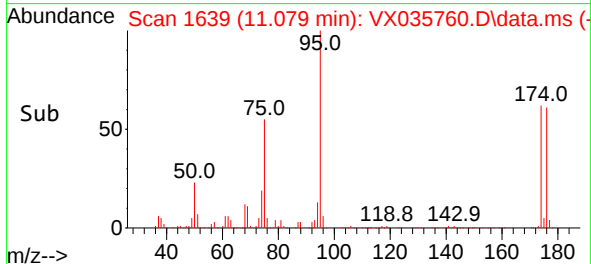
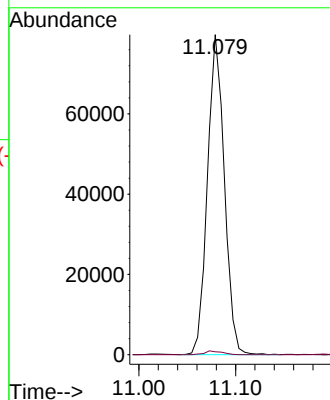
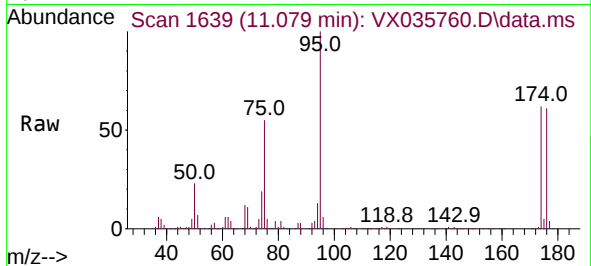




#76
1,2,3-Trichloropropane
Concen: 26.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 97145
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035760.D
Acq: 19 May 2023 15:08

Tgt Ion: 75 Resp: 97145
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

