

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035741.D
 Acq On : 18 May 2023 14:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 19 05:47:12 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)

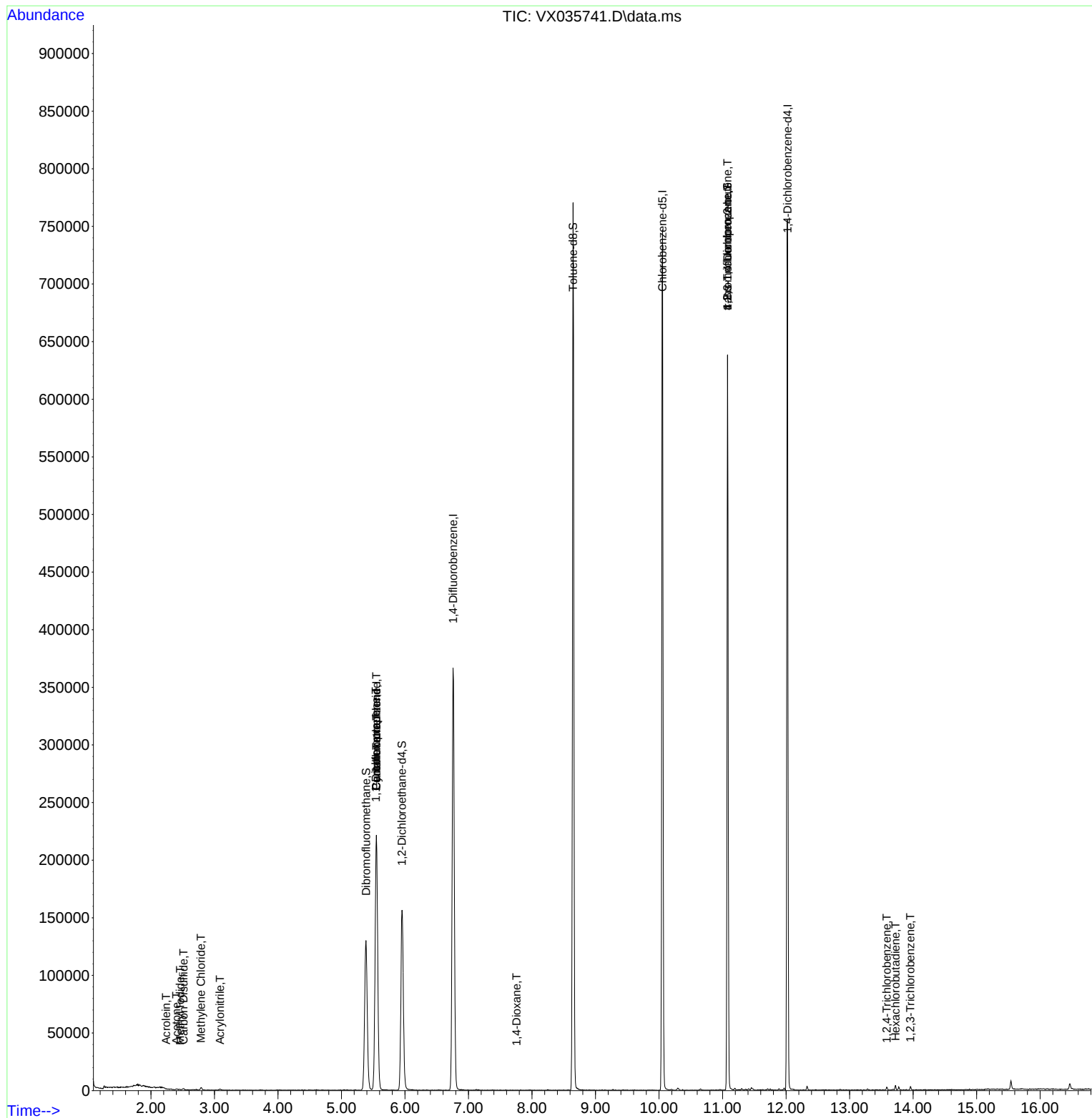
Internal Standards						
1) Pentafluorobenzene	5.550	168	186702	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	346248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158472	48.655	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.300%		
35) Dibromofluoromethane	5.385	113	111766	47.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	8.647	98	416406	48.271	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	170343	49.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.080%		
Target Compounds						
						Qvalue
10) Methyl Iodide	2.459	142	474	0.242	ug/l	# 75
13) Acrolein	2.239	56	147	0.216	ug/l	# 53
15) Acrylonitrile	3.087	53	333	0.263	ug/l	# 76
16) Acetone	2.398	43	1097	0.784	ug/l	98
17) Carbon Disulfide	2.514	76	1352	0.269	ug/l	97
20) Methylene Chloride	2.788	84	925	0.365	ug/l	87
31) Cyclohexane	5.550	56	5199	1.263	ug/l	# 9
36) 1,1-Dichloropropene	5.544	75	18347	4.978	ug/l	# 45
38) Carbon Tetrachloride	5.550	117	21524	6.165	ug/l	# 14
49) 1,4-Dioxane	7.757	88	50	2.682	ug/l	# 23
76) 1,2,3-Trichloropropane	11.079	75	94158	27.300	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	94158	87.985	ug/l	# 8
93) 1,2,4-Trichlorobenzene	13.585	180	658	0.218	ug/l	98
94) Hexachlorobutadiene	13.725	225	536	0.447	ug/l	92
96) 1,2,3-Trichlorobenzene	13.957	180	762	0.256	ug/l	88

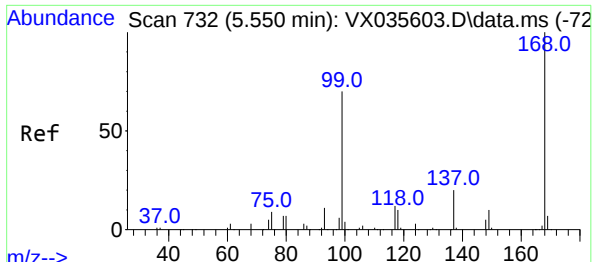
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
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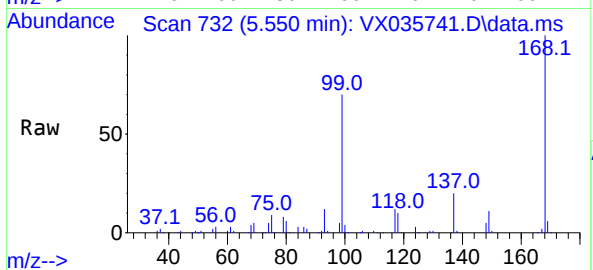
Quant Time: May 19 05:47:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



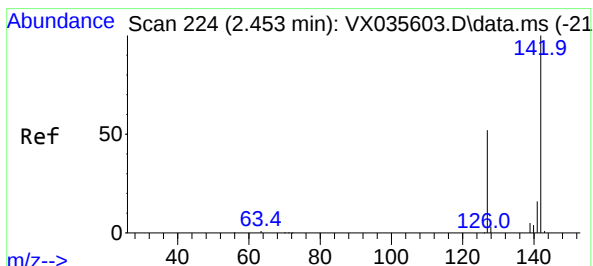
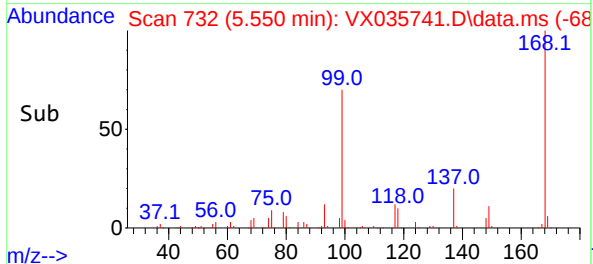
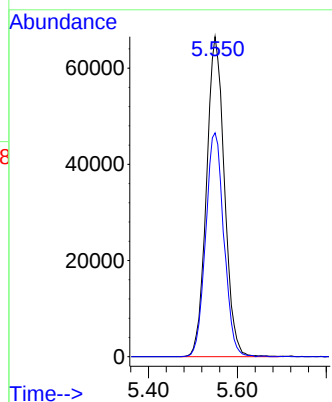


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

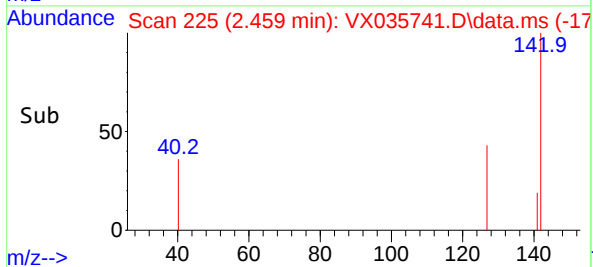
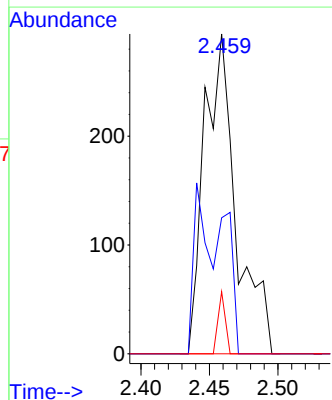
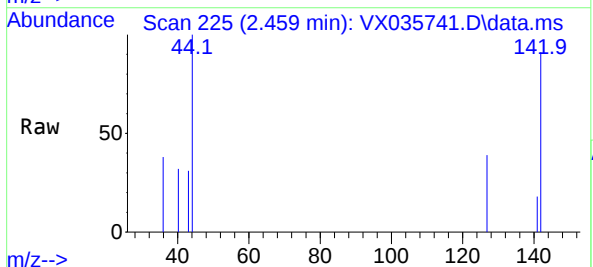


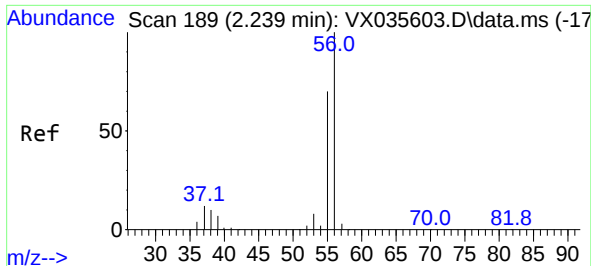
Tgt Ion:168 Resp: 186702
Ion Ratio Lower Upper
168 100
99 70.0 45.7 68.5#



#10
Methyl Iodide
Concen: 0.242 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion:142 Resp: 474
Ion Ratio Lower Upper
142 100
127 25.9 34.0 51.0#
141 4.4 11.1 16.7#

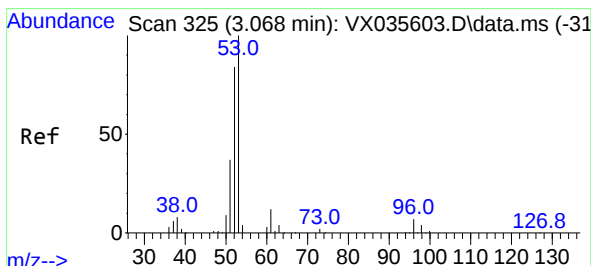
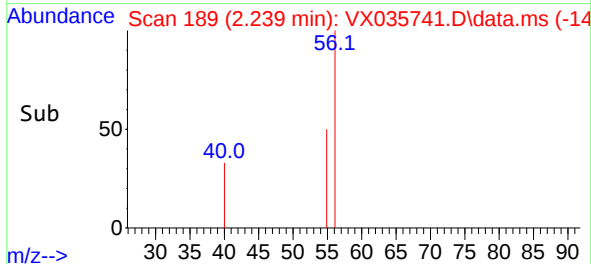
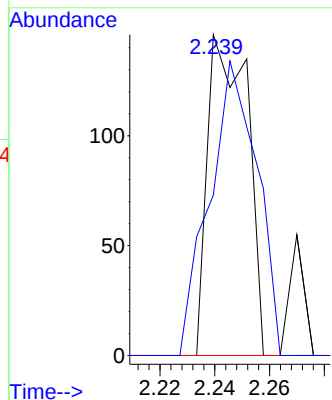
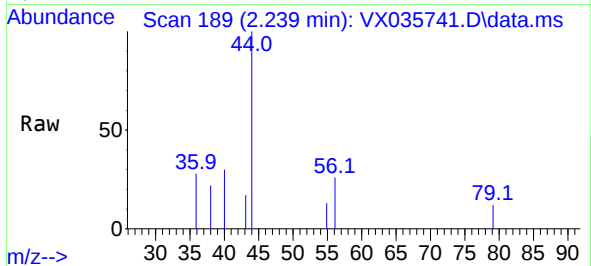




#13
Acrolein
Concen: 0.216 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

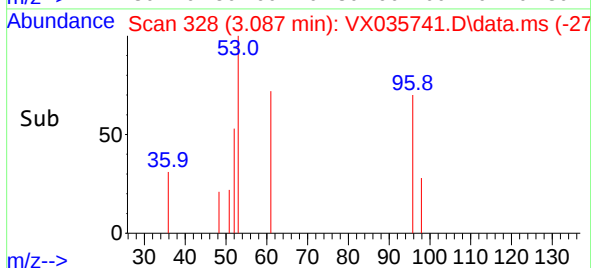
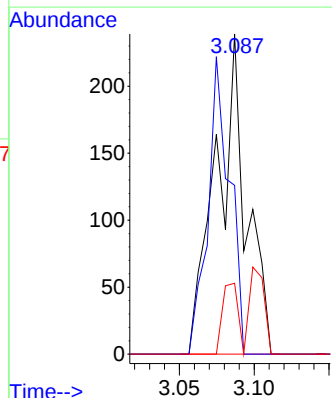
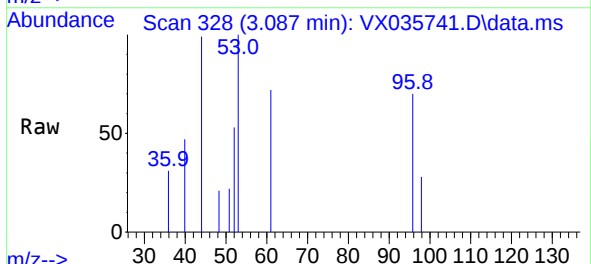
Instrument :
MSVOA_X
ClientSampleId :

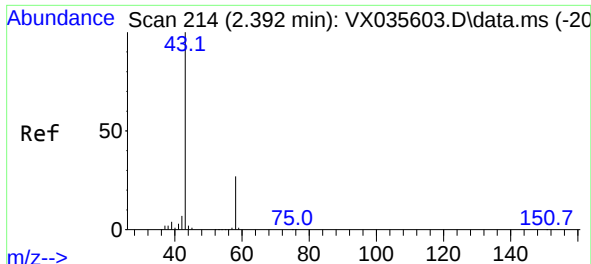
Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 109.5 56.6 85.0#



#15
Acrylonitrile
Concen: 0.263 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.019 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 53 Resp: 333
Ion Ratio Lower Upper
53 100
52 67.3 66.2 99.2
51 11.4 28.3 42.5#

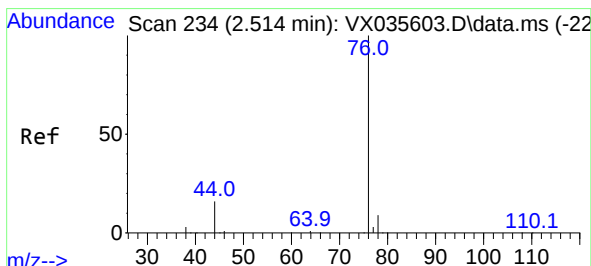
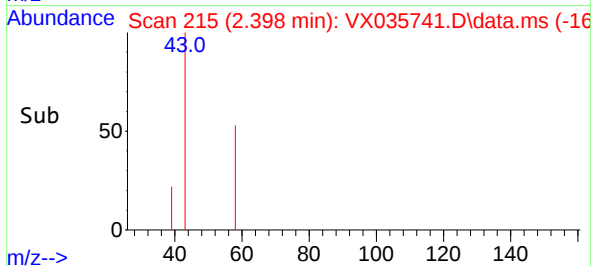
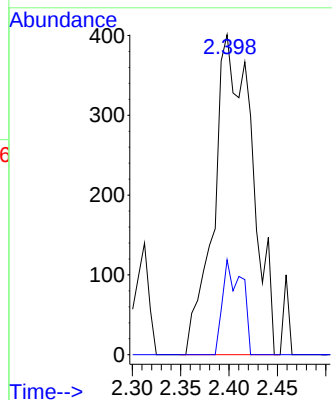
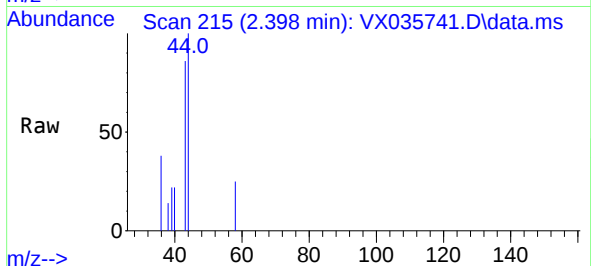




#16
Acetone
Concen: 0.784 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

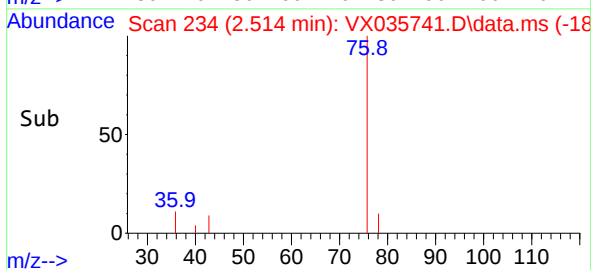
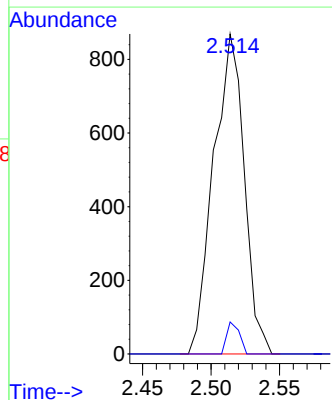
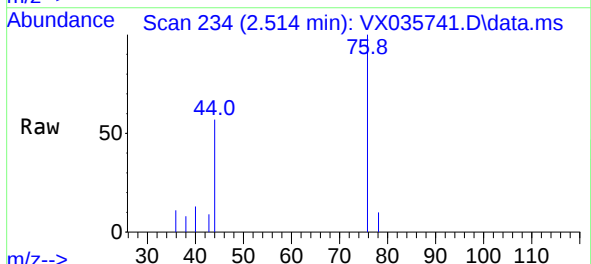
Instrument :
MSVOA_X
ClientSampleId :

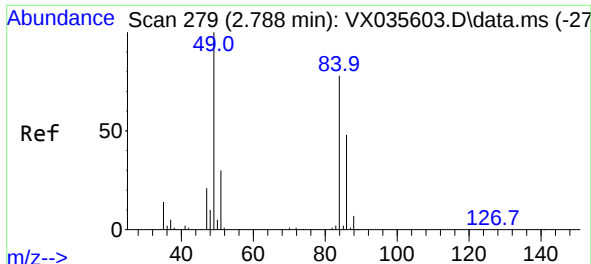
Tgt Ion: 43 Resp: 1097
Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

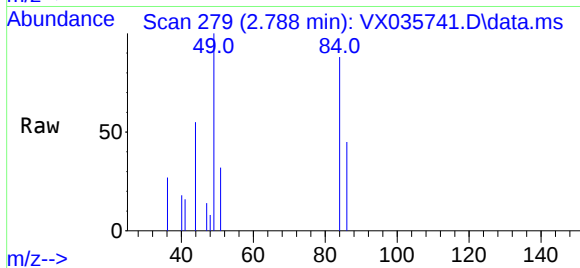
Tgt Ion: 76 Resp: 1352
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8





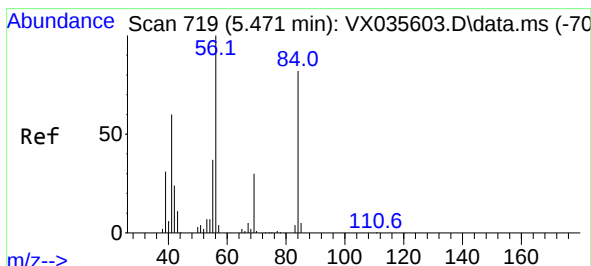
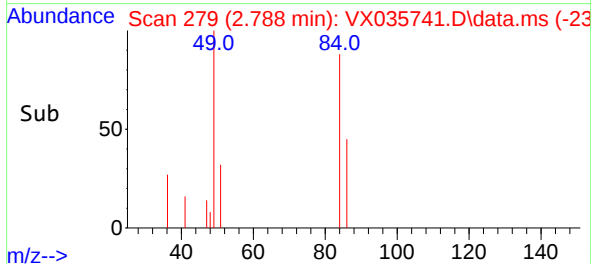
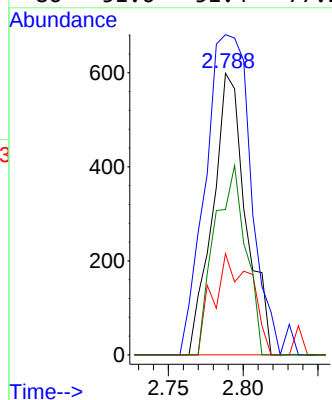
#20
Methylene Chloride
Concen: 0.365 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 925

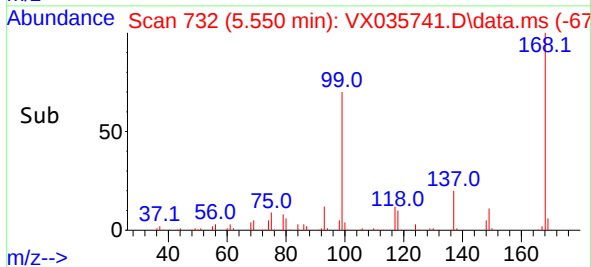
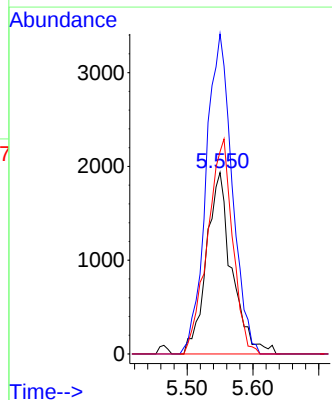
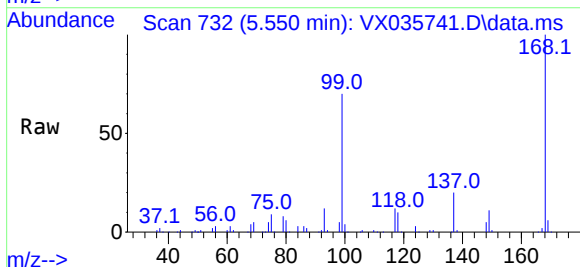
Ion	Ratio	Lower	Upper
84	100		
49	113.7	103.8	155.8
51	35.9	31.8	47.8
86	51.6	51.4	77.2

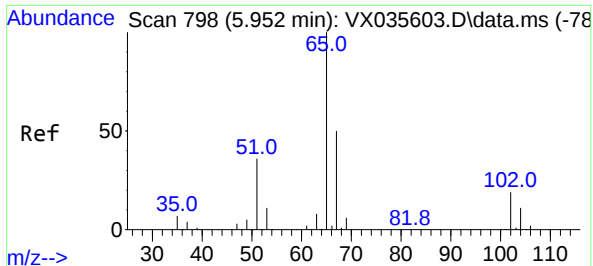


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 56 Resp: 5199

Ion	Ratio	Lower	Upper
56	100		
69	176.3	23.7	35.5#
84	111.4	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.655 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

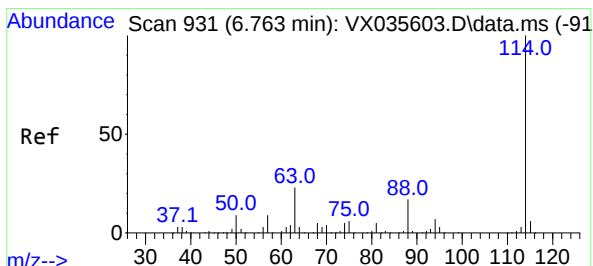
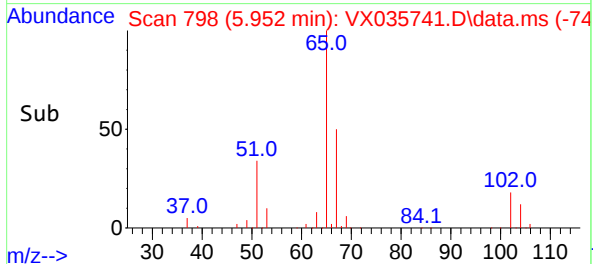
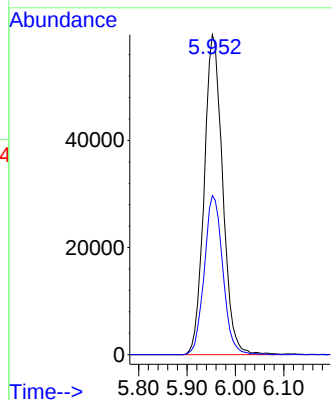
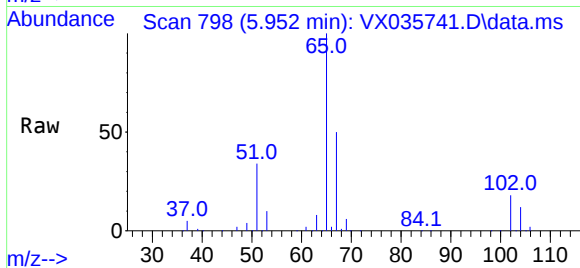
ClientSampleId :

Tgt Ion: 65 Resp: 158472

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

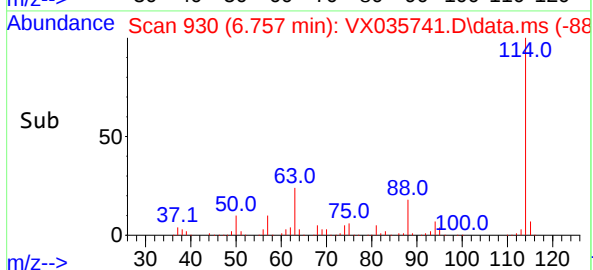
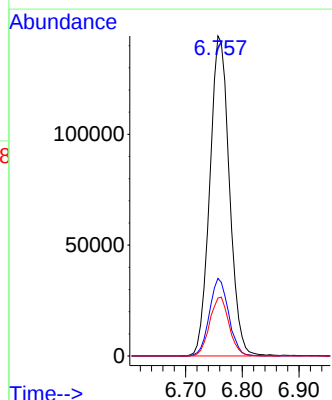
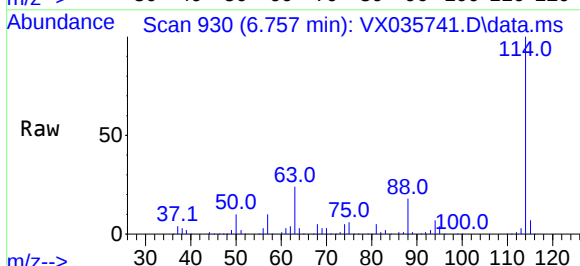
Tgt Ion: 114 Resp: 346248

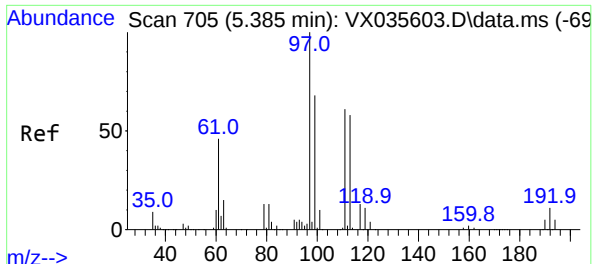
Ion Ratio Lower Upper

114 100

63 24.2 0.0 42.2

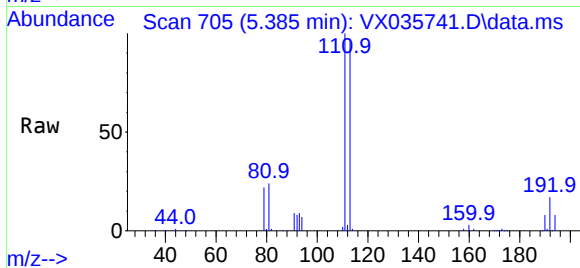
88 18.1 0.0 33.2



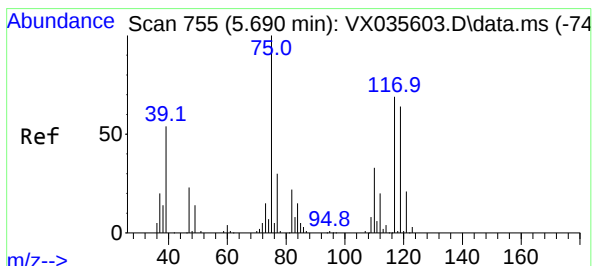
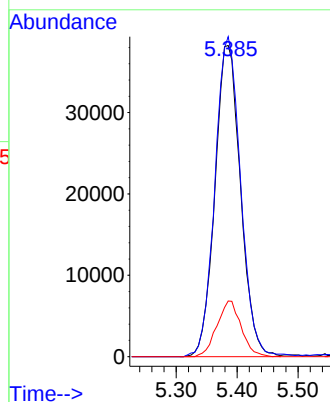
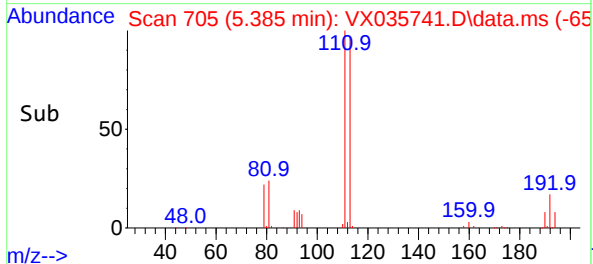


#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

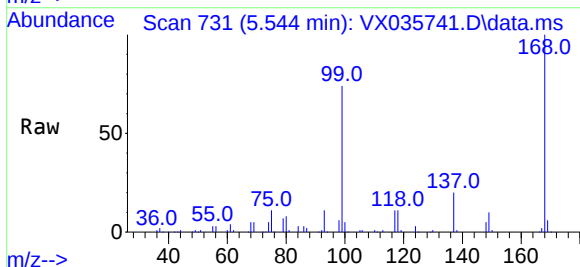
Instrument :
MSVOA_X
ClientSampleId :



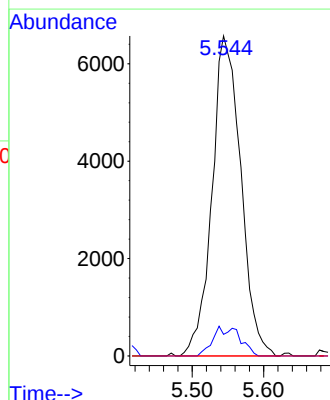
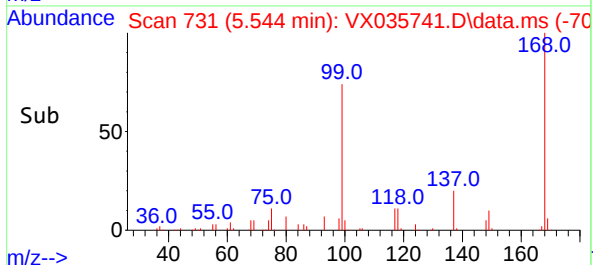
Tgt Ion:113 Resp: 111766
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 17.0 15.4 23.2

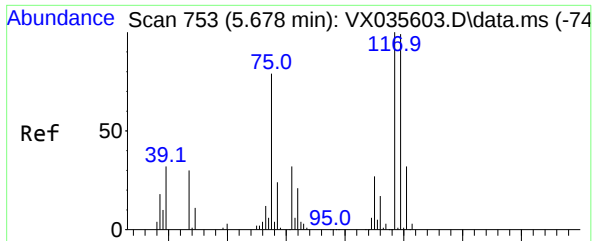


#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45



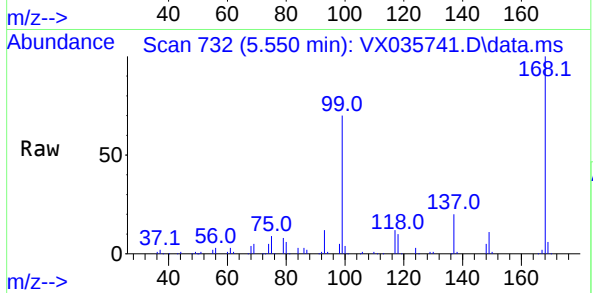
Tgt Ion: 75 Resp: 18347
Ion Ratio Lower Upper
75 100
110 3.9 17.5 52.5#
77 0.0 24.3 36.5#



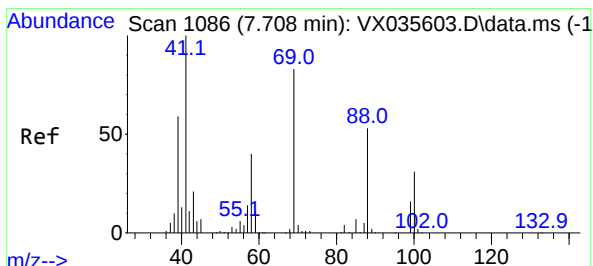
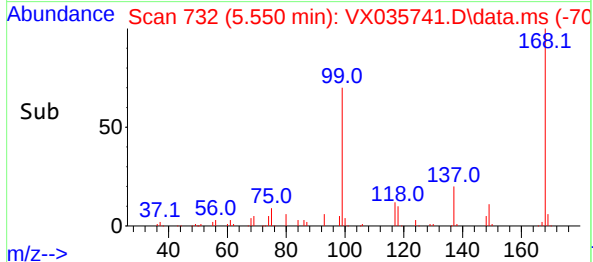
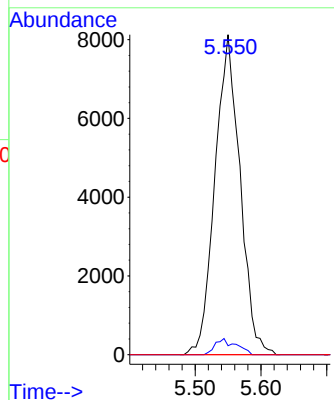


#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

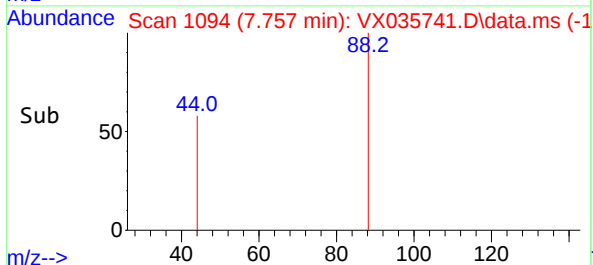
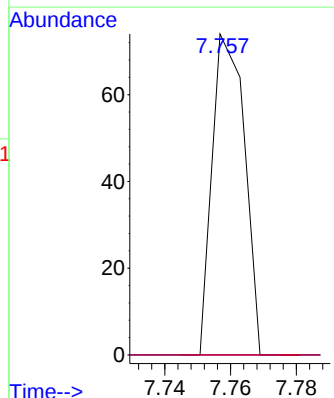
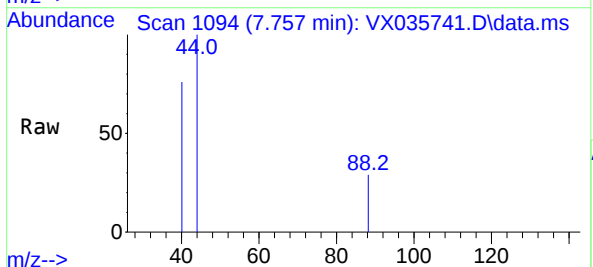


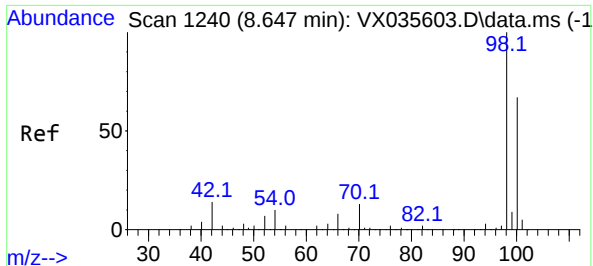
Tgt Ion:117 Resp: 21524
Ion Ratio Lower Upper
117 100
119 2.8 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.682 ug/l
RT: 7.757 min Scan# 1094
Delta R.T. 0.049 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#

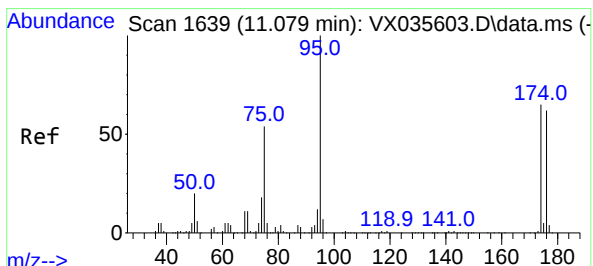
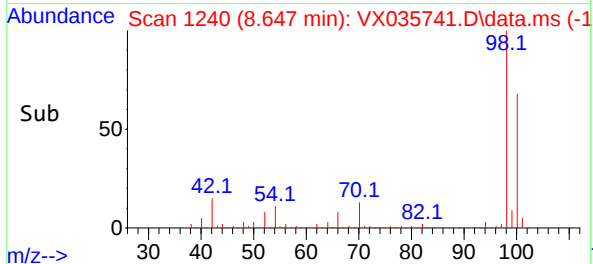
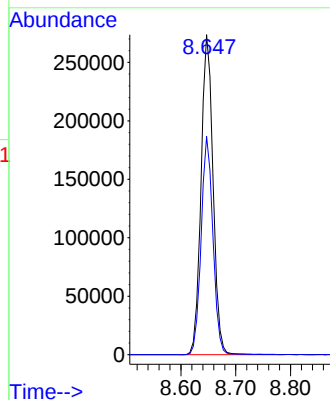
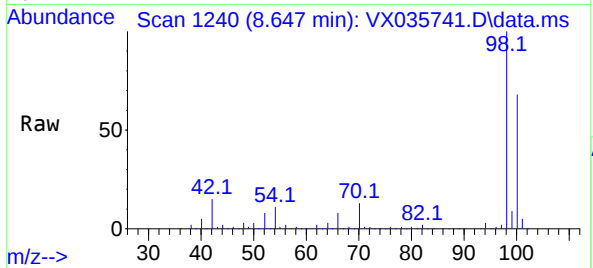




#50
Toluene-d8
Concen: 48.271 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

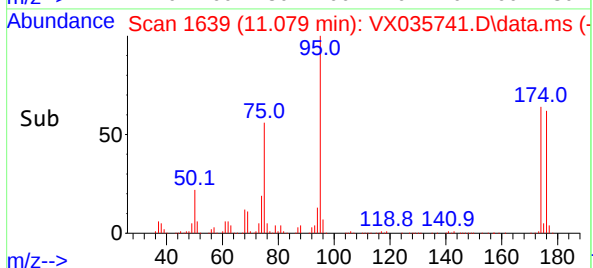
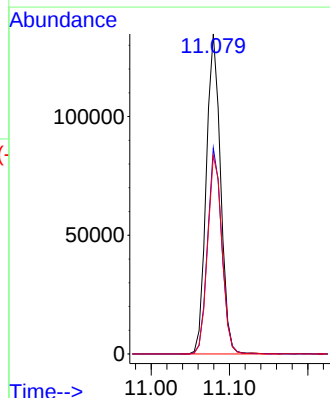
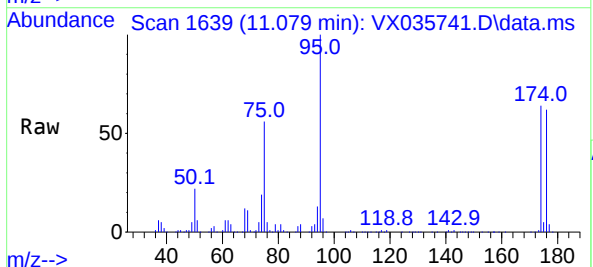
Instrument :
MSVOA_X
ClientSampleId :

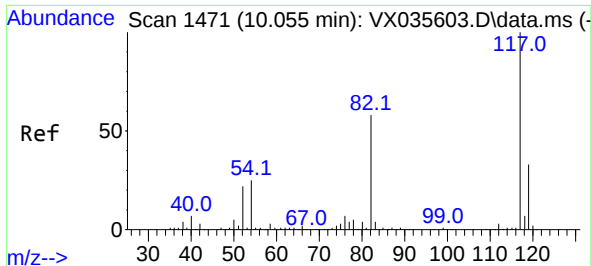
Tgt Ion: 98 Resp: 416406
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 95 Resp: 170343
Ion Ratio Lower Upper
95 100
174 63.5 0.0 147.4
176 62.1 0.0 140.6

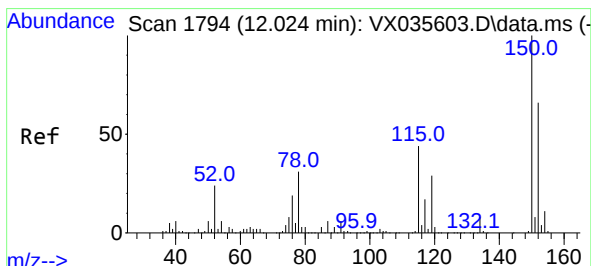
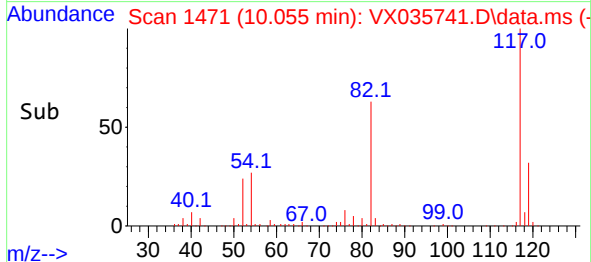
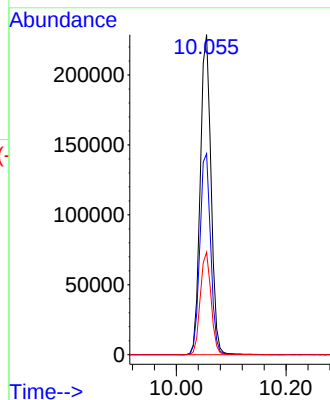
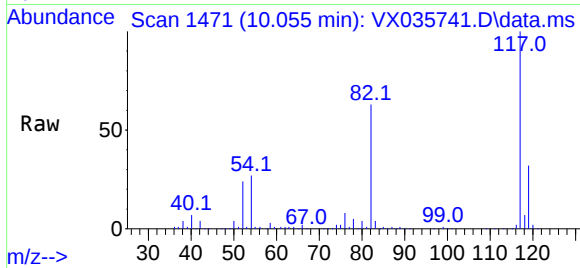




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

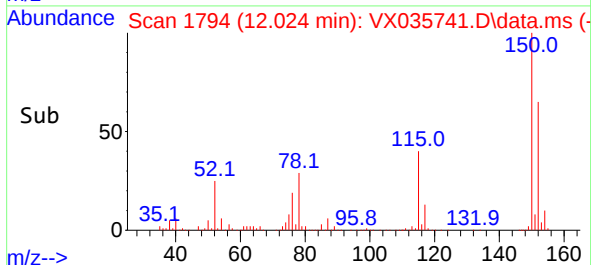
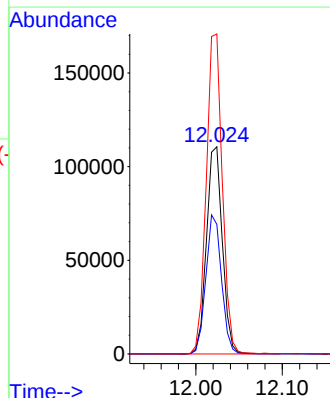
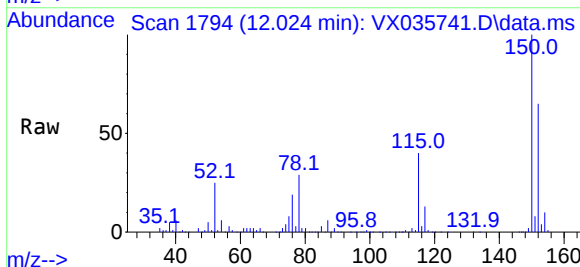
Instrument :
MSVOA_X
ClientSampleId :

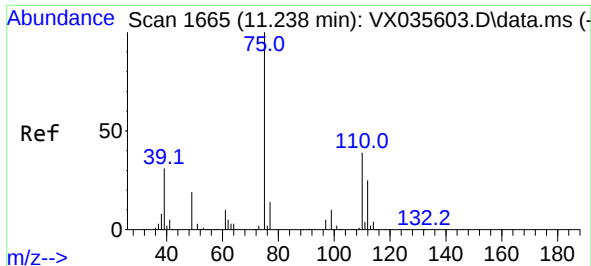
Tgt Ion:117 Resp: 313299
Ion Ratio Lower Upper
117 100
82 62.8 45.0 67.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion:152 Resp: 141002
Ion Ratio Lower Upper
152 100
115 66.1 45.0 135.0
150 155.6 0.0 352.4

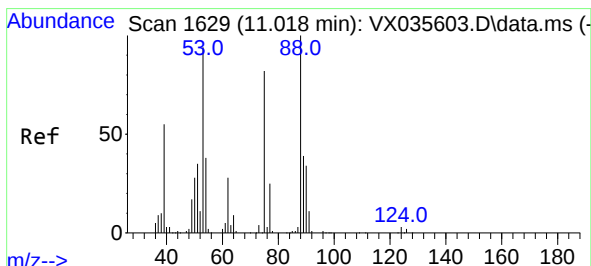
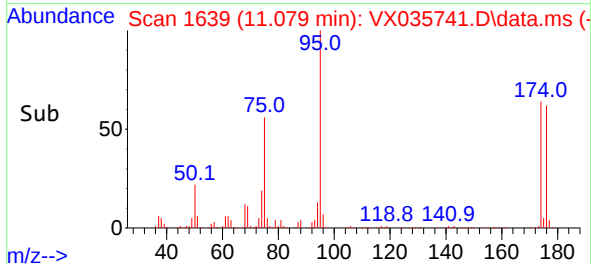
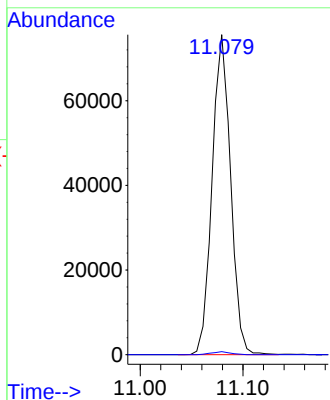
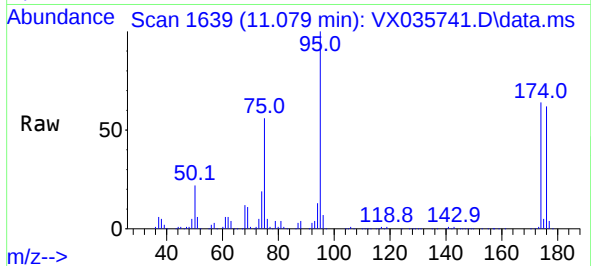




#76
1,2,3-Trichloropropane
Concen: 27.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

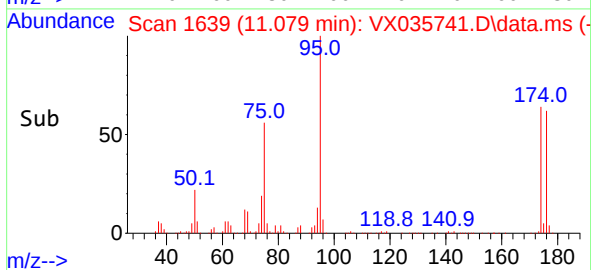
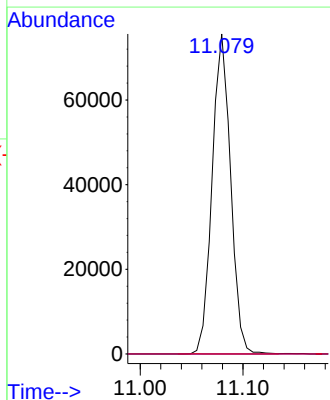
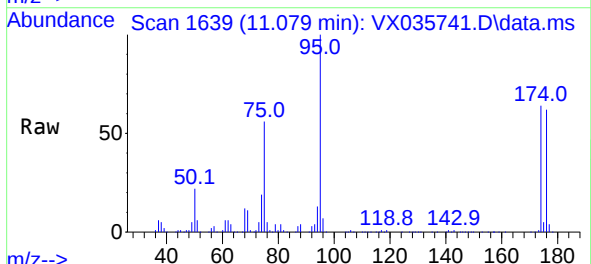
Instrument :
MSVOA_X
ClientSampleId :

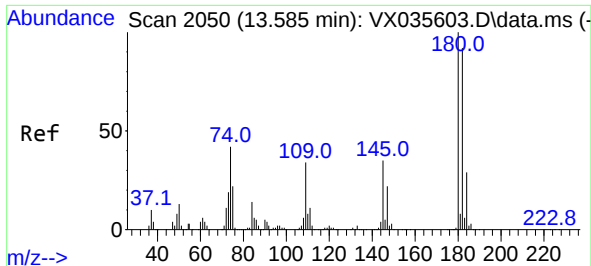
Tgt Ion: 75 Resp: 94158
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.985 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

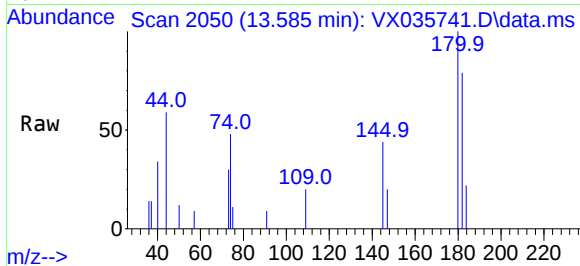
Tgt Ion: 75 Resp: 94158
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



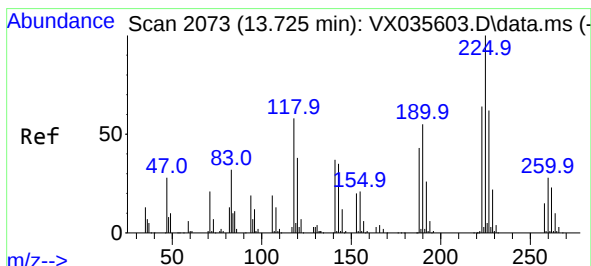
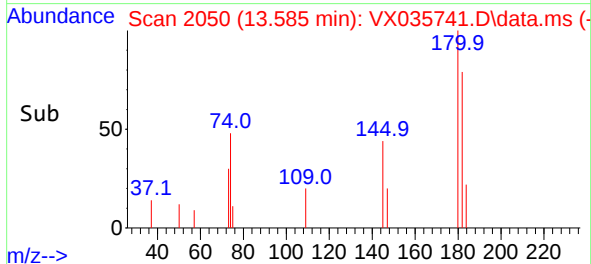
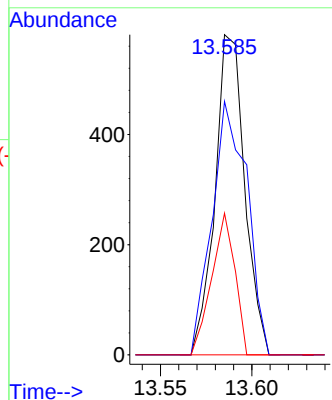


#93
1,2,4-Trichlorobenzene
Concen: 0.218 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :

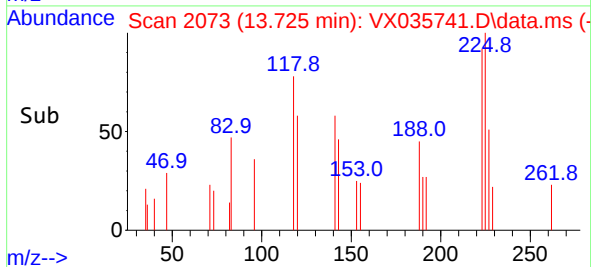
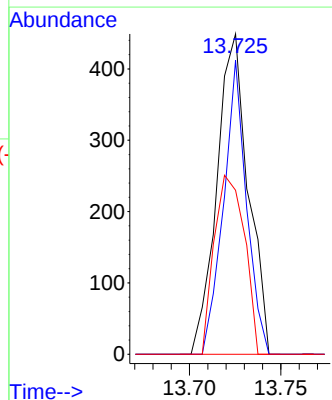
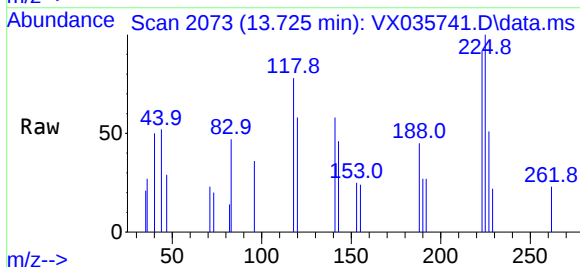


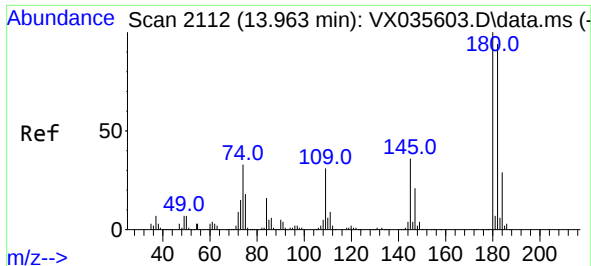
Tgt Ion:180 Resp: 658
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.0
145 34.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.447 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion:225 Resp: 536
Ion Ratio Lower Upper
225 100
223 67.4 32.1 96.5
227 53.7 31.8 95.4





#96

1,2,3-Trichlorobenzene

Concen: 0.256 ug/l

RT: 13.957 min Scan# 21

Delta R.T. -0.006 min

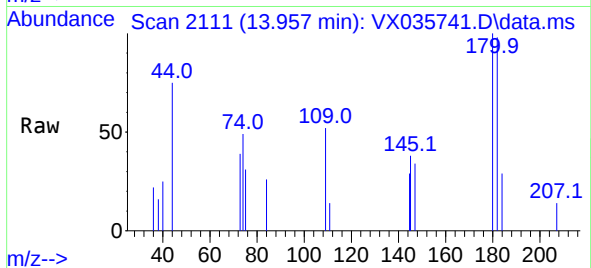
Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 762

Ion Ratio Lower Upper

180 100

182 80.6 48.0 144.2

145 35.0 17.7 53.1

