

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025879.D
 Acq On : 17 Dec 2021 12:33
 Operator : JC/MD
 Sample : VX1218WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 02:26:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

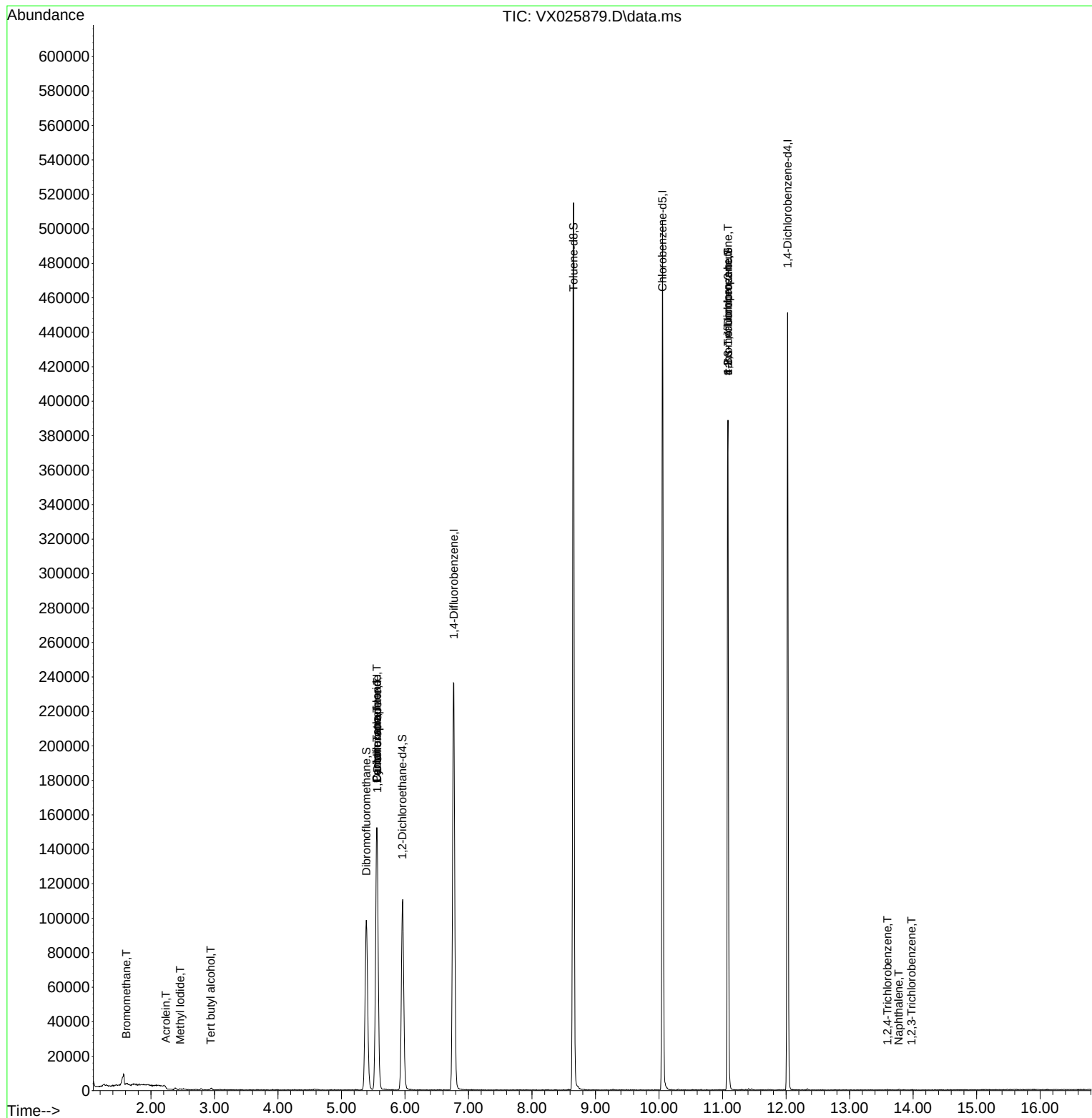
Internal Standards						
1) Pentafluorobenzene	5.556	168	141911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102986	50.438	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.880%		
35) Dibromofluoromethane	5.391	113	83346	48.738	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.480%		
50) Toluene-d8	8.653	98	308699	49.544	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.080%		
62) 4-Bromofluorobenzene	11.085	95	105989	44.781	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 89.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	533	0.425	ug/l	89
10) Methyl Iodide	2.459	142	453	0.235	ug/l #	91
11) Tert butyl alcohol	2.940	59	687	1.677	ug/l #	73
13) Acrolein	2.233	56	76	0.271	ug/l #	1
16) Acetone	2.380	43	844	Below Cal		96
20) Methylene Chloride	2.794	84	400	Below Cal	#	73
31) Cyclohexane	5.556	56	3235	1.303	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11727	5.057	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15395	5.705	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	54207	26.628	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54207	82.553	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.597	180	146	3.447	ug/l #	56
95) Naphthalene	13.774	128	395	2.473	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.975	180	100	3.047	ug/l #	12

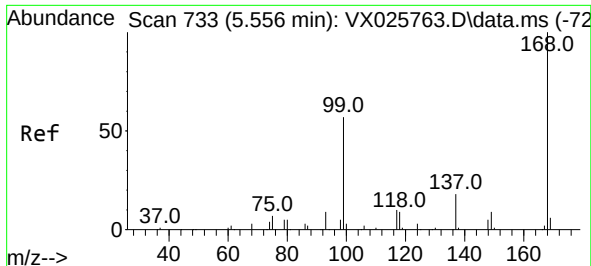
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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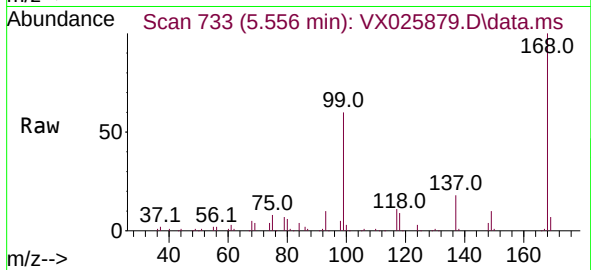
Quant Time: Dec 19 02:26:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
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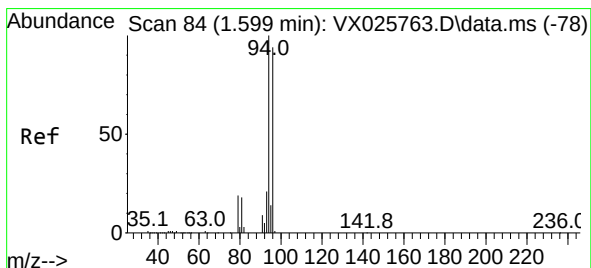
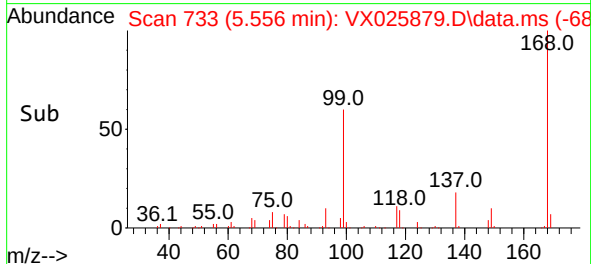
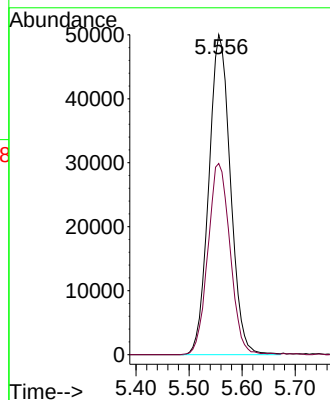


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Instrument :
MSVOA_X
ClientSampleId :

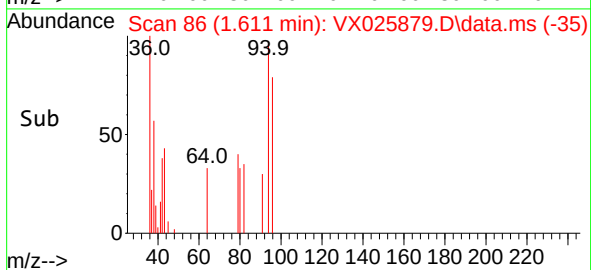
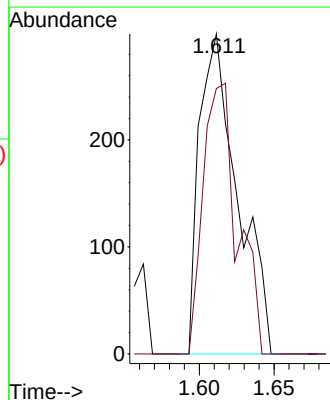
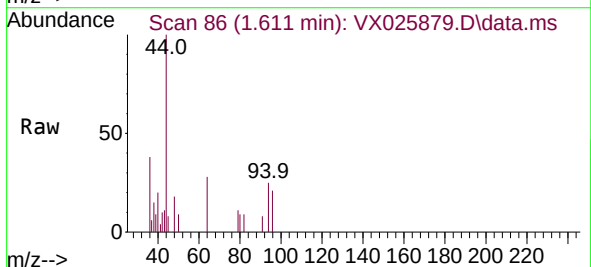


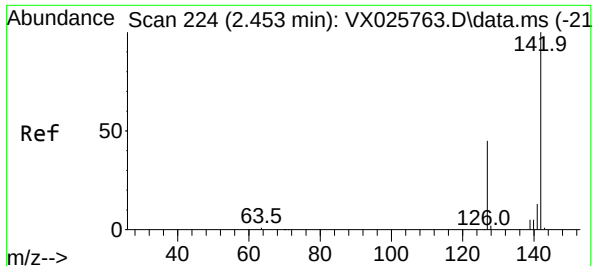
Tgt Ion:168 Resp: 141911
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.8



#5
Bromomethane
Concen: 0.425 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

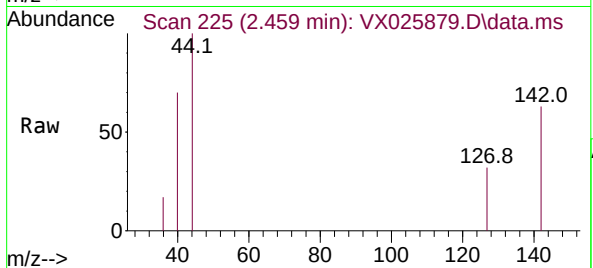
Tgt Ion: 94 Resp: 533
Ion Ratio Lower Upper
94 100
96 82.9 75.0 112.4



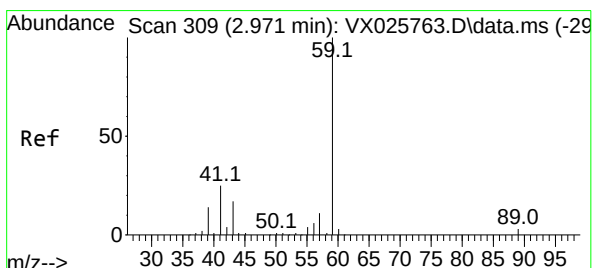
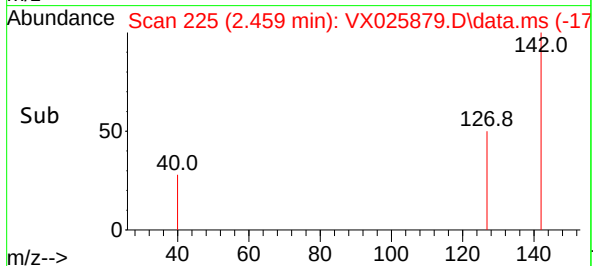
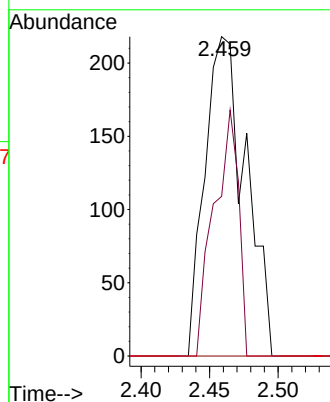


#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Instrument :
MSVOA_X
ClientSampleId :

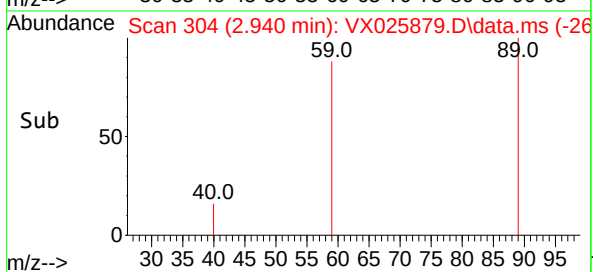
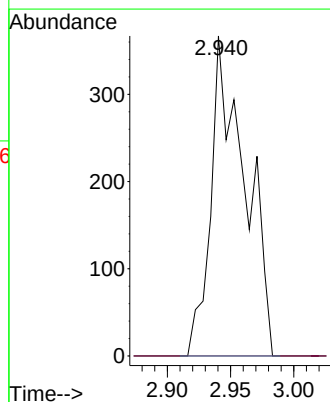
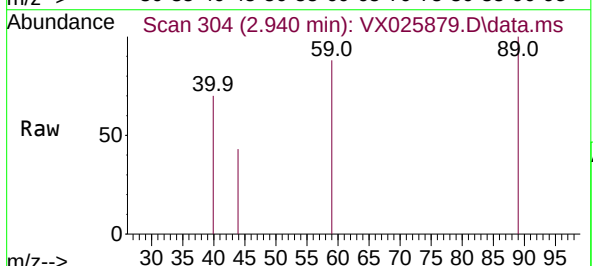


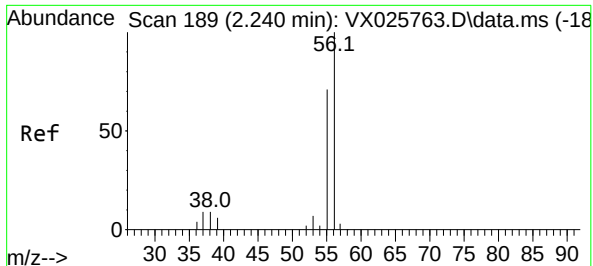
Tgt Ion:142 Resp: 453
Ion Ratio Lower Upper
142 100
127 46.1 37.5 56.3
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.677 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.031 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

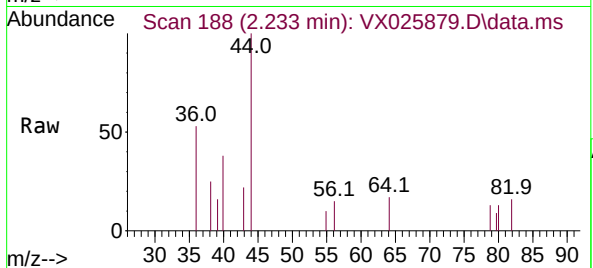
Tgt Ion: 59 Resp: 687
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



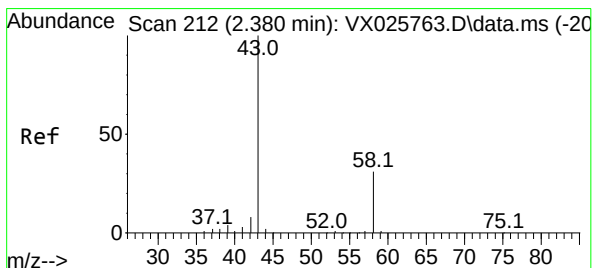
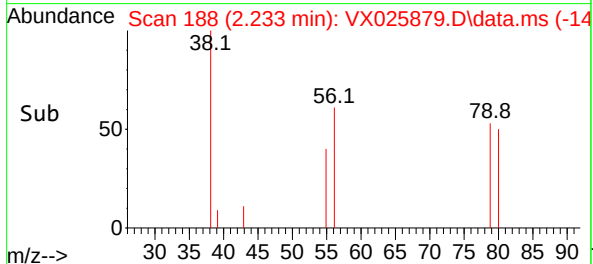
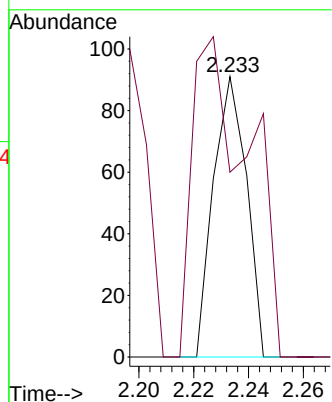


#13
Acrolein
Concen: 0.271 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Instrument :
MSVOA_X
ClientSampleId :

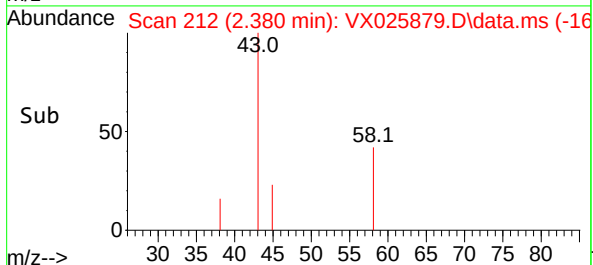
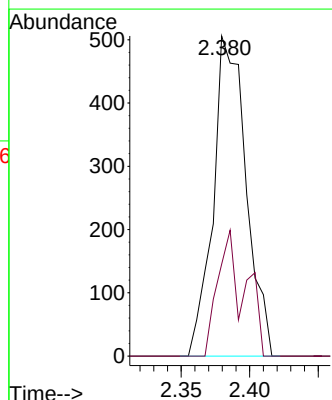
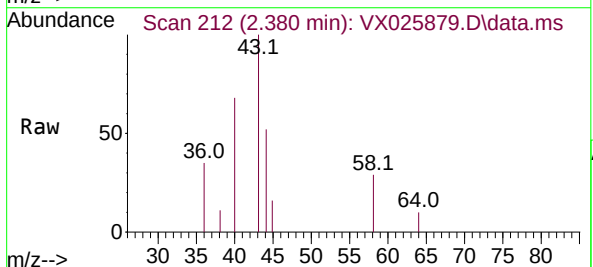


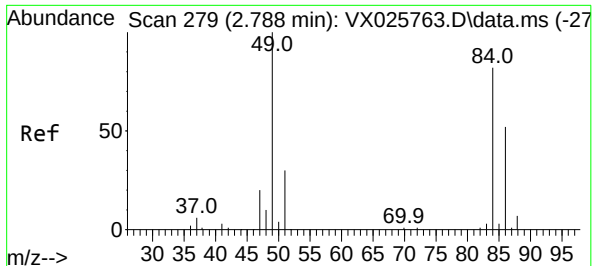
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 194.7 57.4 86.2#



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

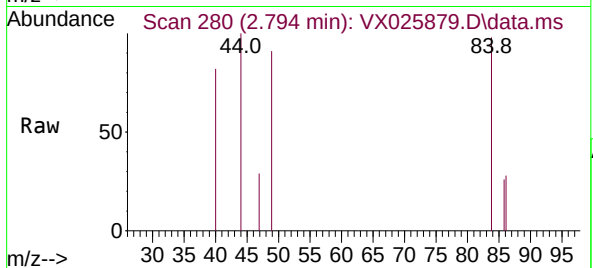
Tgt Ion: 43 Resp: 844
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2





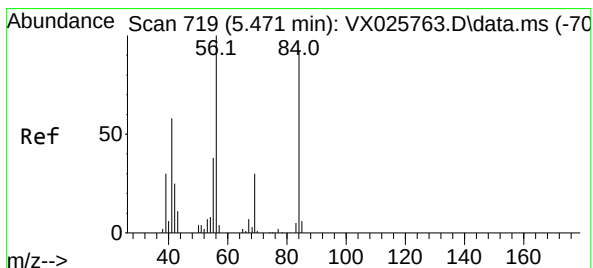
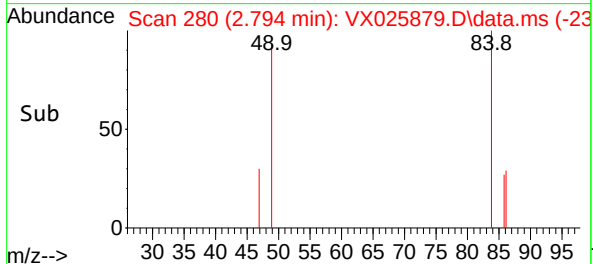
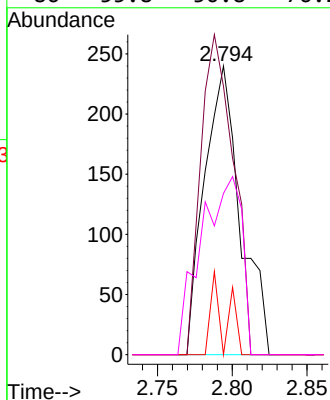
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 400

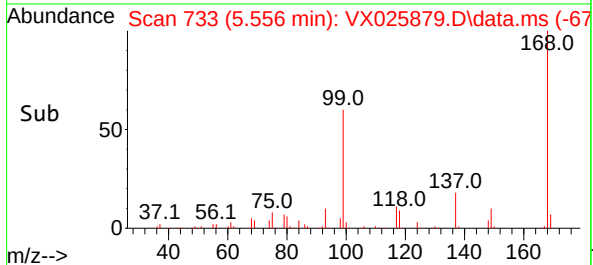
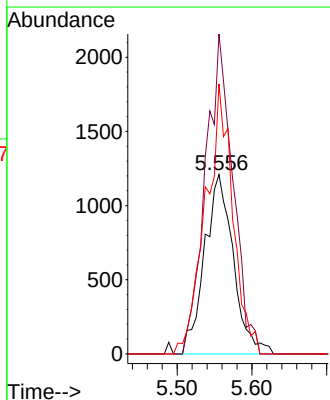
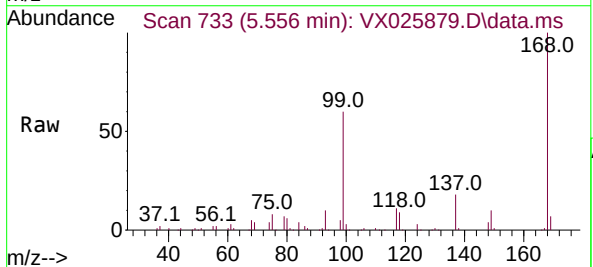
Ion	Ratio	Lower	Upper
84	100		
49	92.9	97.1	145.7#
51	0.0	29.3	43.9#
86	55.8	50.8	76.2

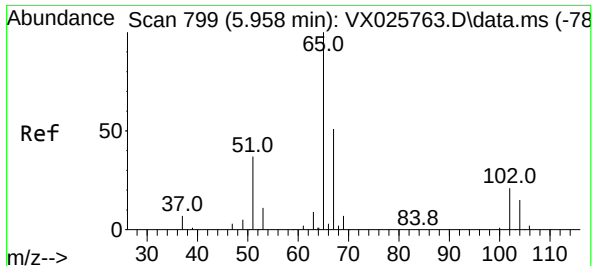


#31
Cyclohexane
Concen: 1.303 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Tgt Ion: 56 Resp: 3235

Ion	Ratio	Lower	Upper
56	100		
69	178.4	23.9	35.9#
84	150.5	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 50.438 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025879.D

Acq: 17 Dec 2021 12:33

Instrument :

MSVOA_X

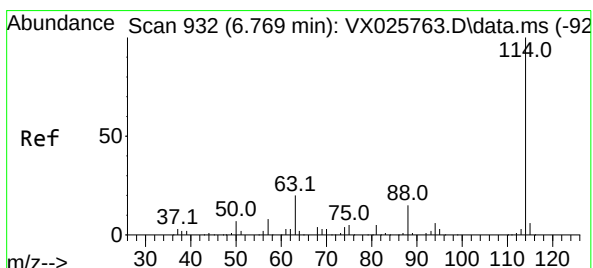
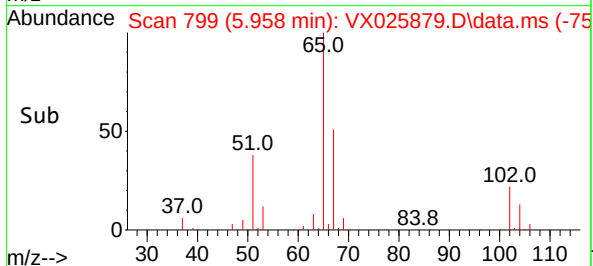
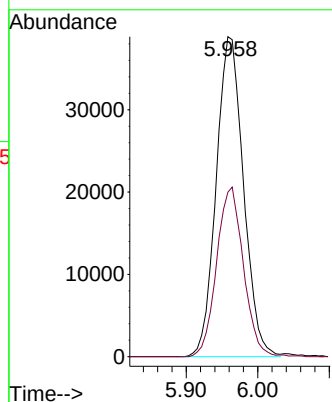
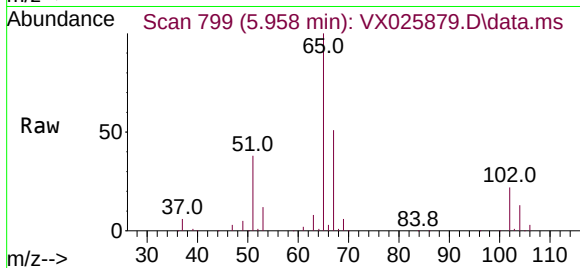
ClientSampleId :

Tgt Ion: 65 Resp: 102986

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025879.D

Acq: 17 Dec 2021 12:33

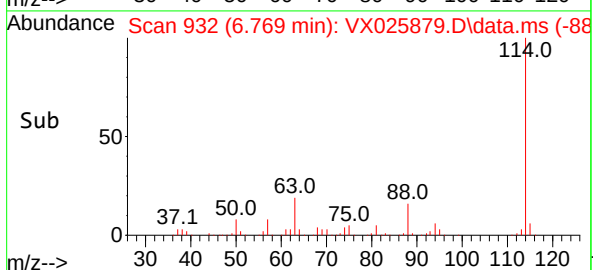
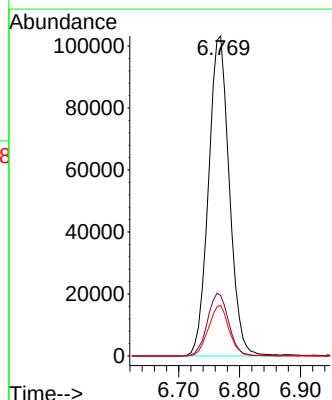
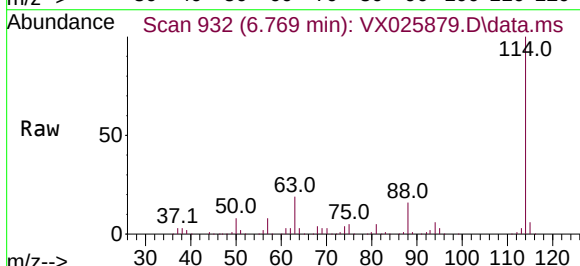
Tgt Ion: 114 Resp: 245206

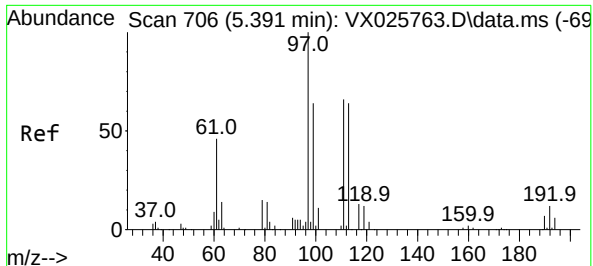
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

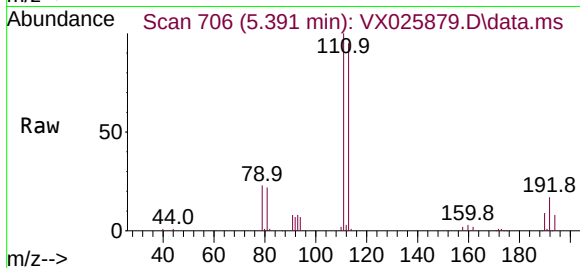
Lab File: VX025879.D

Acq: 17 Dec 2021 12:33

Instrument :

MSVOA_X

ClientSampleId :



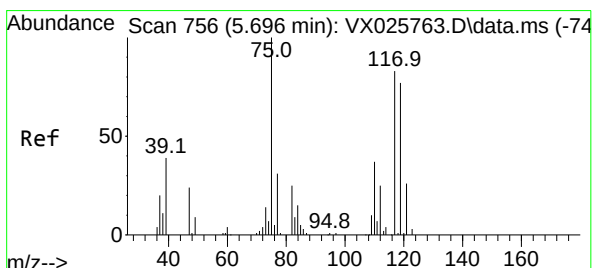
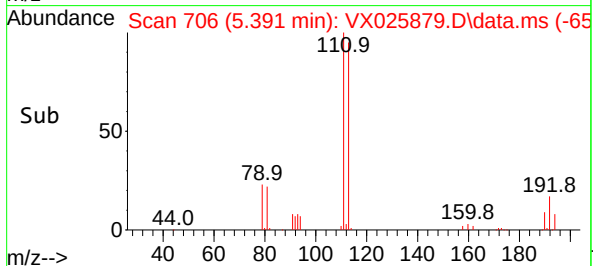
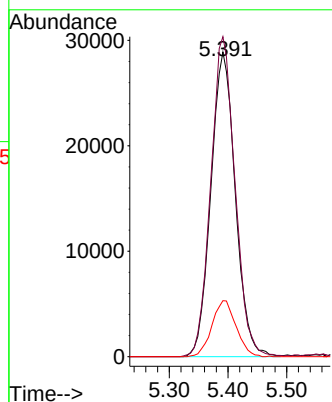
Tgt Ion:113 Resp: 83346

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.057 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX025879.D

Acq: 17 Dec 2021 12:33

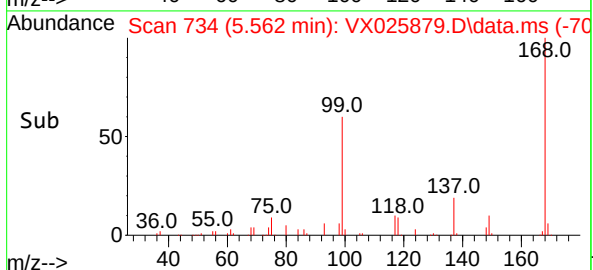
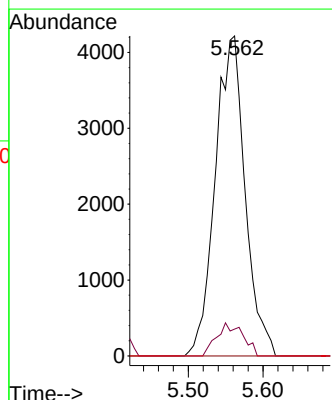
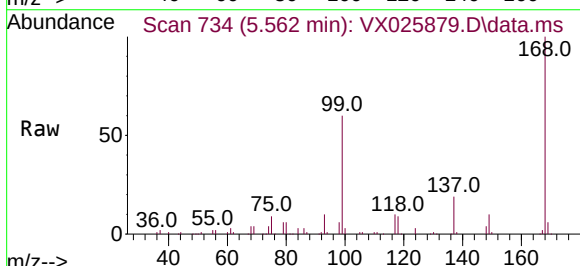
Tgt Ion: 75 Resp: 11727

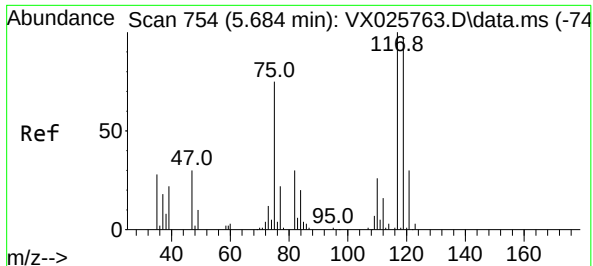
Ion Ratio Lower Upper

75 100

110 9.0 18.2 54.6#

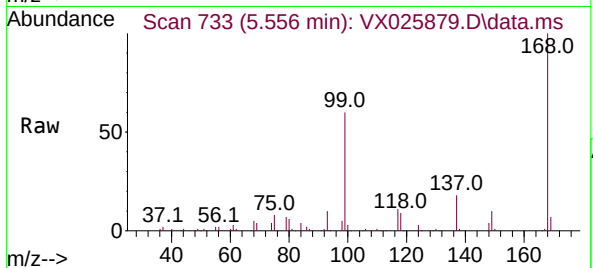
77 0.0 24.7 37.1#



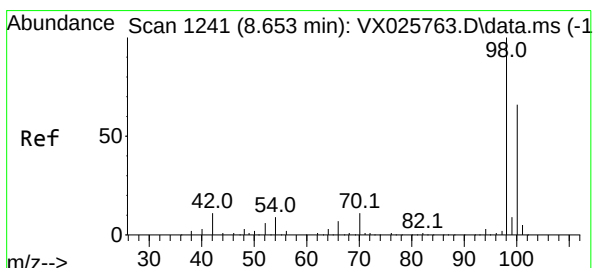
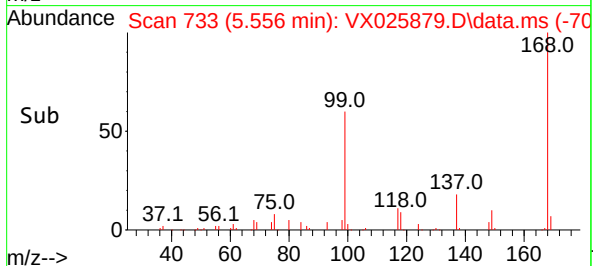
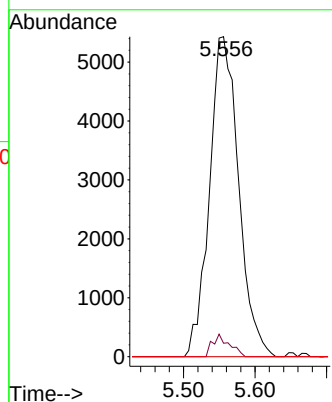


#38
Carbon Tetrachloride
Concen: 5.705 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Instrument :
MSVOA_X
ClientSampleId :

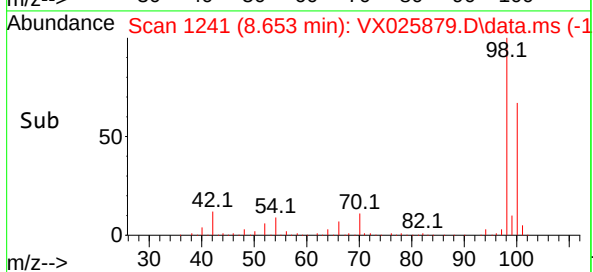
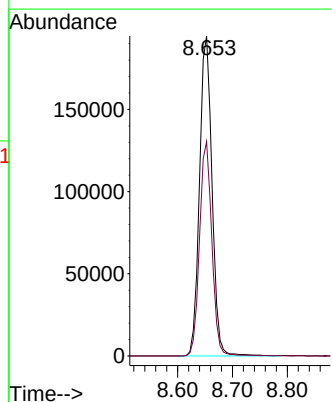
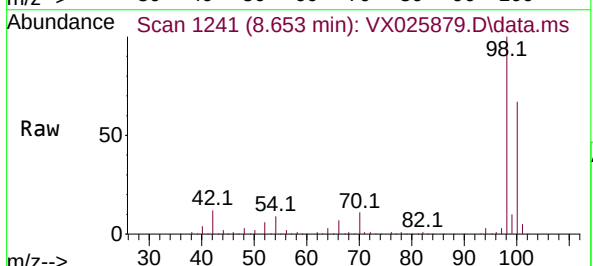


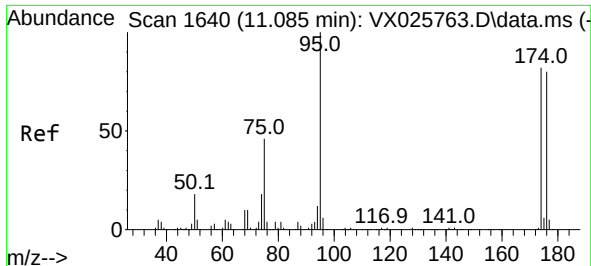
Tgt Ion:117 Resp: 15395
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Tgt Ion: 98 Resp: 308699
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

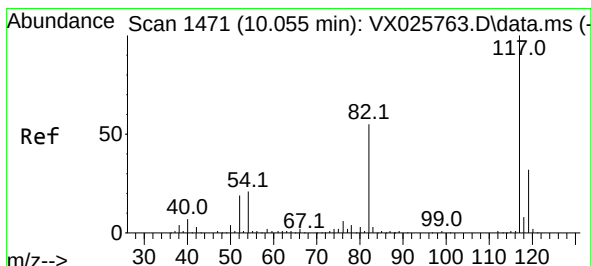
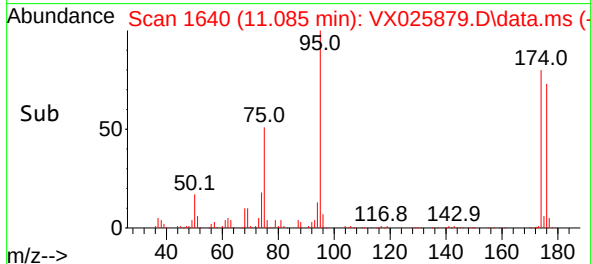
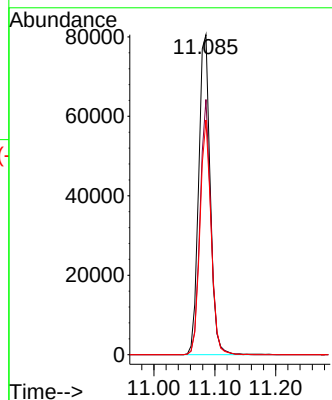
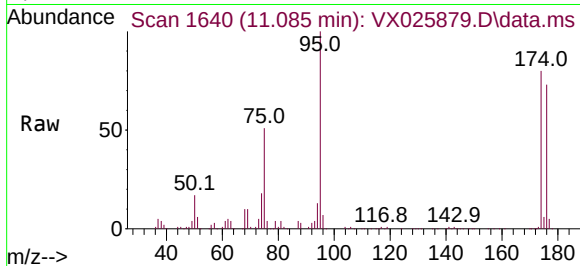




#62
4-Bromofluorobenzene
Concen: 44.781 ug/l
RT: 11.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

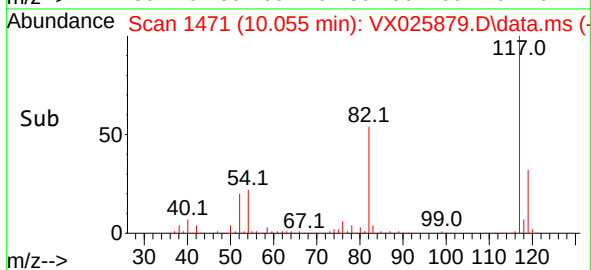
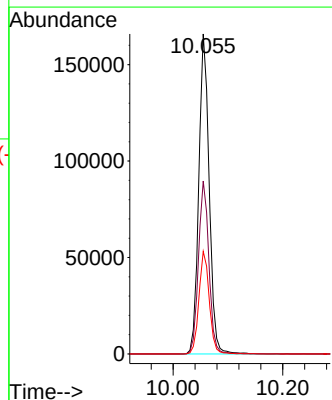
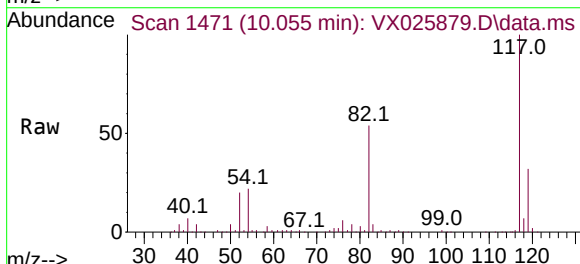
Instrument :
MSVOA_X
ClientSampleId :

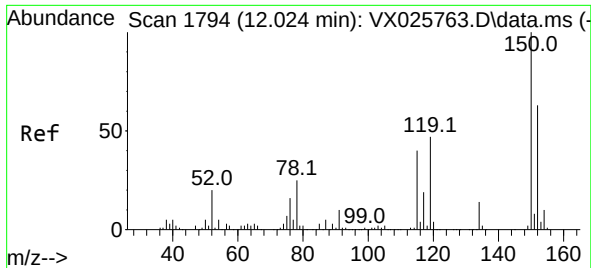
Tgt Ion: 95 Resp: 105989
Ion Ratio Lower Upper
95 100
174 74.9 0.0 157.4
176 70.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Tgt Ion: 117 Resp: 219297
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.6
119 32.0 25.2 37.8

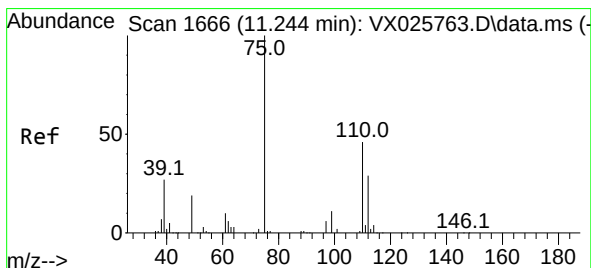
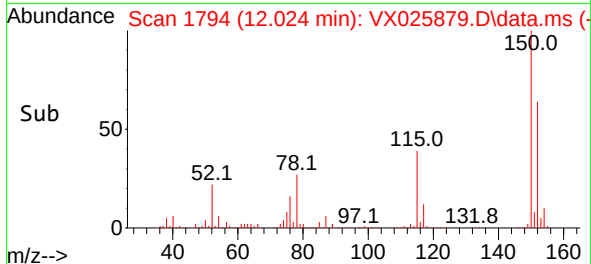
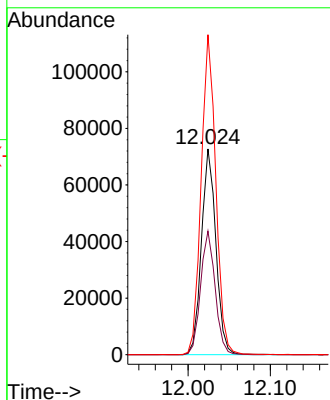
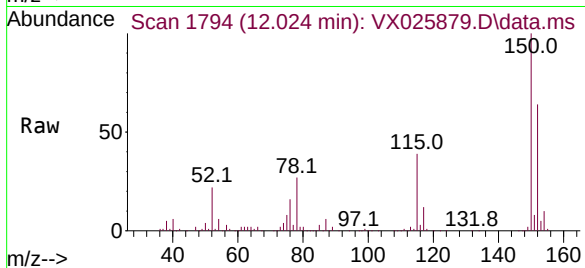




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025879.D
 Acq: 17 Dec 2021 12:33

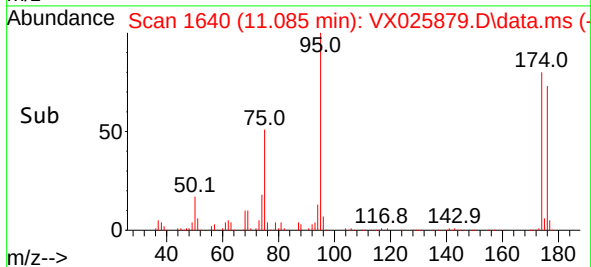
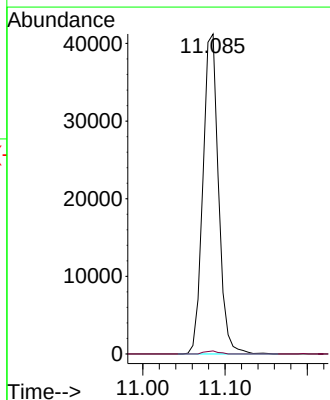
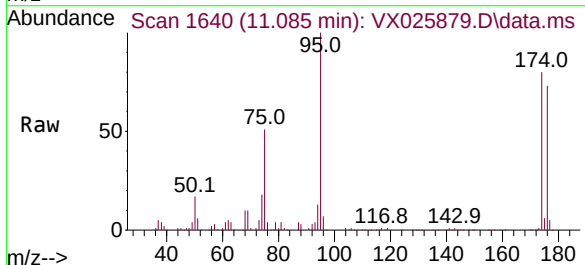
Instrument :
 MSVOA_X
 ClientSampleId :

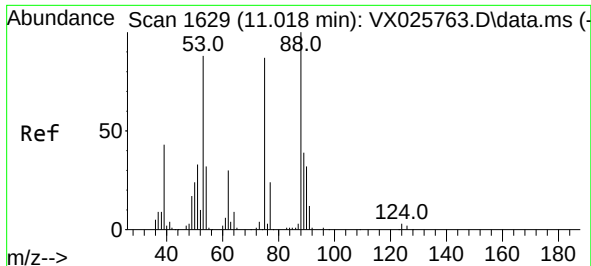
Tgt Ion:152 Resp: 88851
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.3 123.9
 150 157.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.628 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025879.D
 Acq: 17 Dec 2021 12:33

Tgt Ion: 75 Resp: 54207
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.0 57.0#

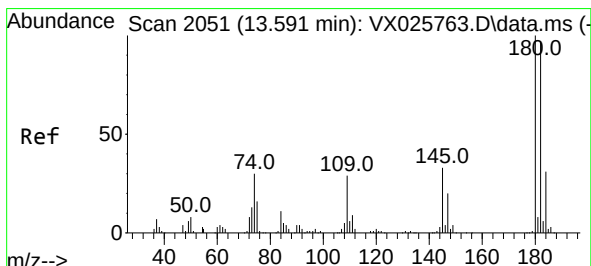
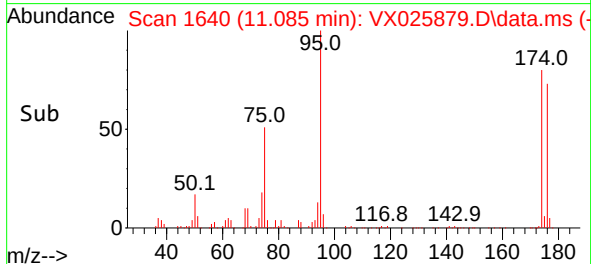
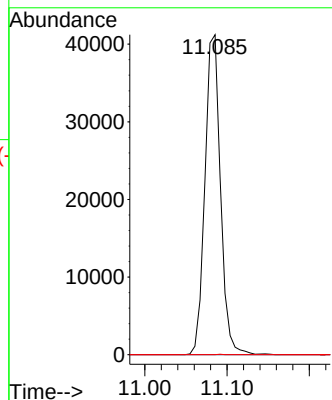
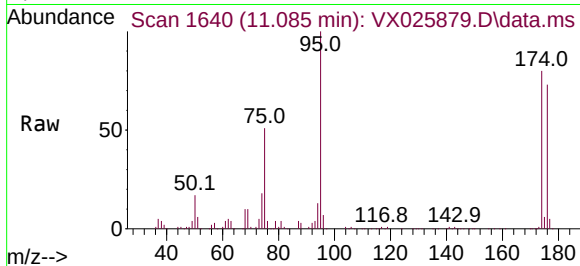




#81
trans-1,4-Dichloro-2-butene
Concen: 82.553 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

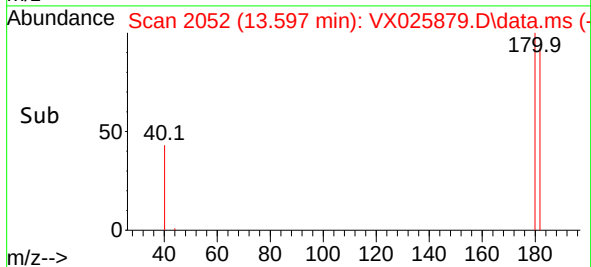
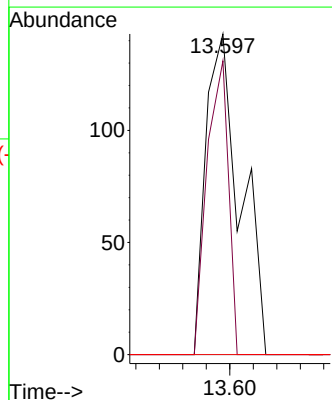
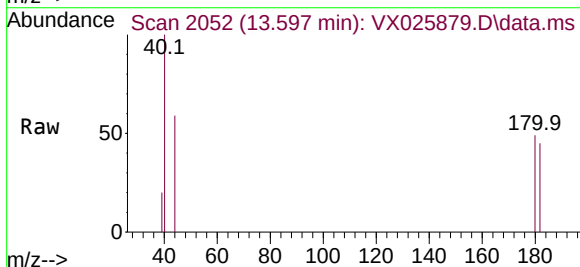
Instrument :
MSVOA_X
ClientSampleId :

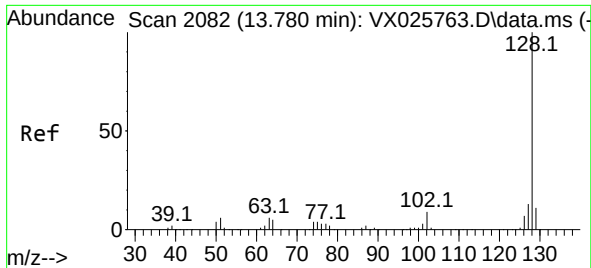
Tgt Ion: 75 Resp: 54207
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 3.447 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

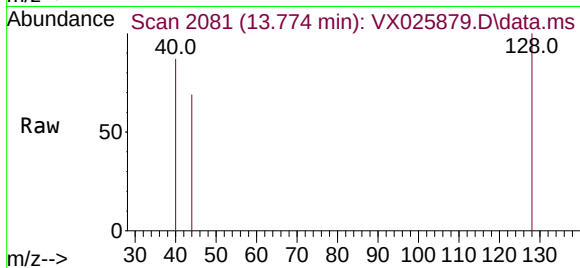
Tgt Ion:180 Resp: 146
Ion Ratio Lower Upper
180 100
182 56.8 47.2 141.6
145 0.0 16.3 48.9#



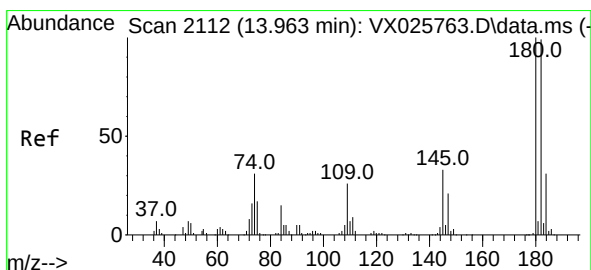
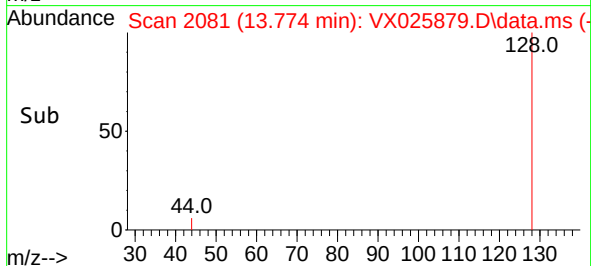
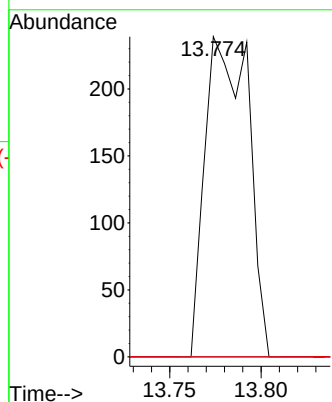


#95
Naphthalene
Concen: 2.473 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 395
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 3.047 ug/l
RT: 13.975 min Scan# 2114
Delta R.T. 0.012 min
Lab File: VX025879.D
Acq: 17 Dec 2021 12:33

Tgt Ion:180 Resp: 100
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.6#
145 0.0 16.7 50.1#

