

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121921\
 Data File : VX025906.D
 Acq On : 18 Dec 2021 13:05
 Operator : JC/MD
 Sample : M5079-05ME
 Misc : 4.21g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 05:55:12 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)

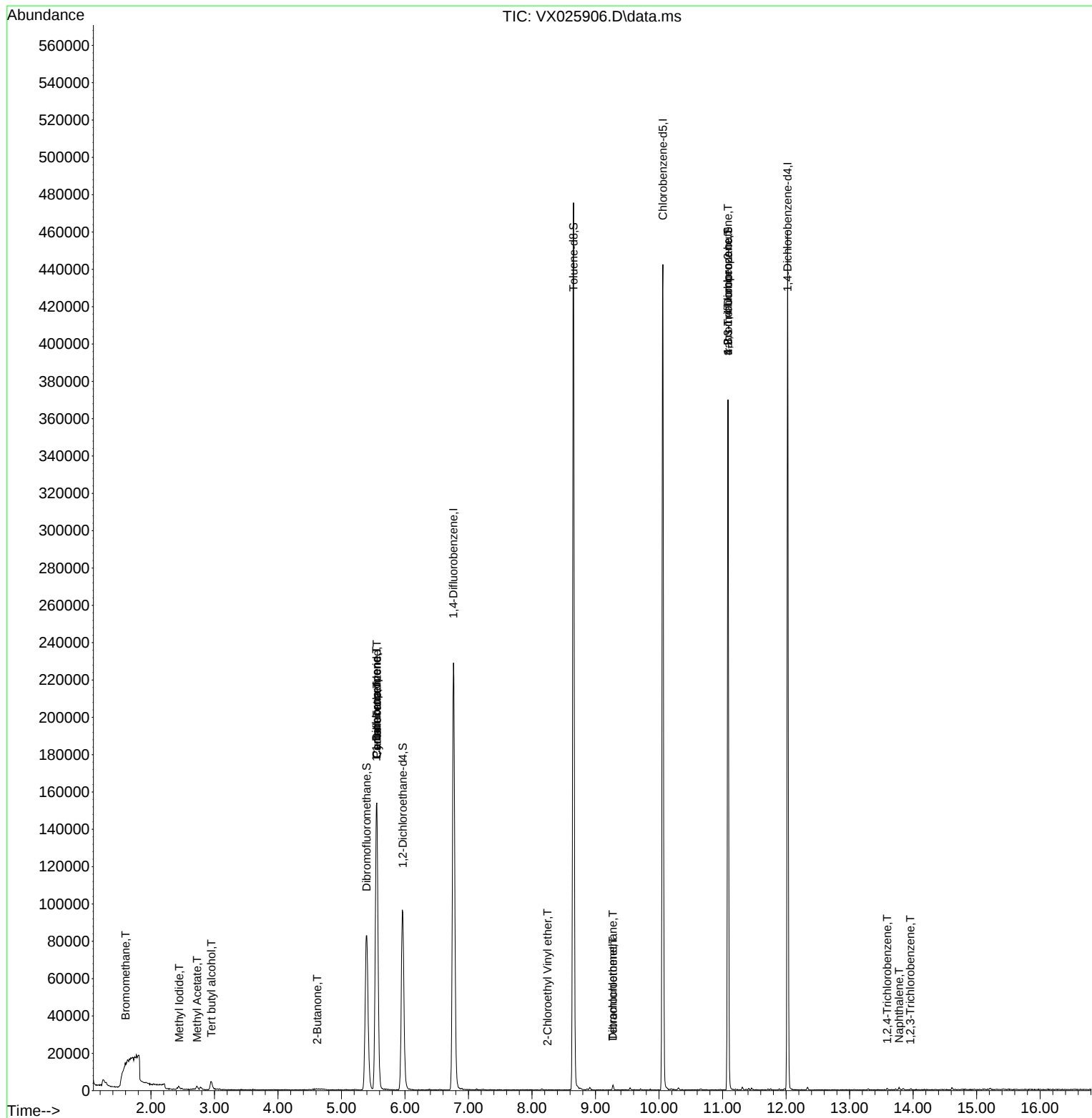
Internal Standards						
1) Pentafluorobenzene	5.556	168	150590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	214245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97906	45.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.380%
35) Dibromofluoromethane	5.397	113	79030	44.809	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.620%
50) Toluene-d8	8.653	98	292693	45.548	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.085	95	95678	39.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	1022	0.767	ug/l	94
10) Methyl Iodide	2.447	142	1291	0.632	ug/l	92
11) Tert butyl alcohol	2.953	59	3115	7.167	ug/l #	73
16) Acetone	2.410	43	589	Below Cal	#	79
18) Methyl Acetate	2.727	43	2533	0.767	ug/l	99
20) Methylene Chloride	2.770	84	816	Below Cal	#	46
25) 2-Butanone	4.617	43	649	0.445	ug/l	100
31) Cyclohexane	5.556	56	3572	1.356	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	12238	5.117	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15460	5.555	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.244	63	22	15.651	ug/l #	44
60) Dibromochloromethane	9.275	129	596	0.269	ug/l #	11
64) Tetrachloroethene	9.275	164	459	0.269	ug/l #	57
76) 1,2,3-Trichloropropane	11.085	75	49462	24.496	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	49462	75.944	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.591	180	391	3.578	ug/l #	90
95) Naphthalene	13.780	128	1013	2.572	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	320	3.166	ug/l #	61

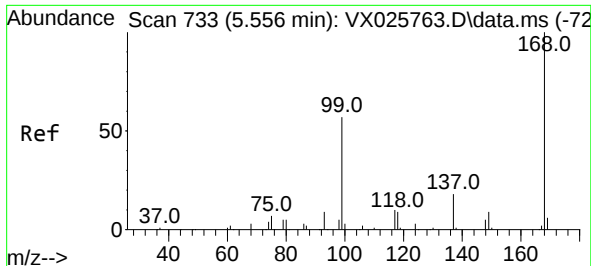
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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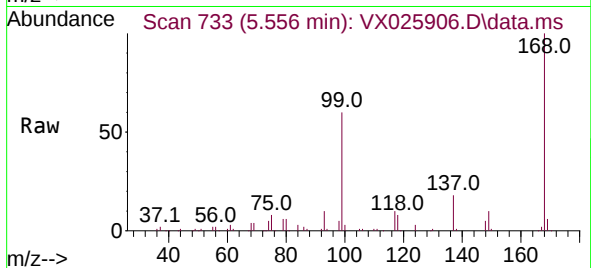
Quant Time: Dec 19 05:55:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
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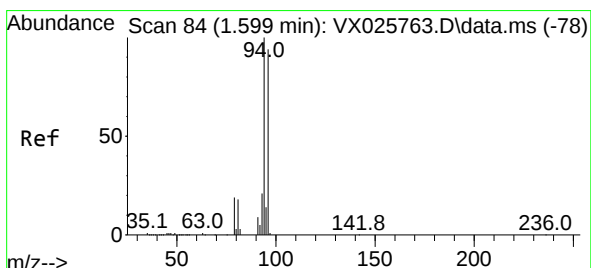
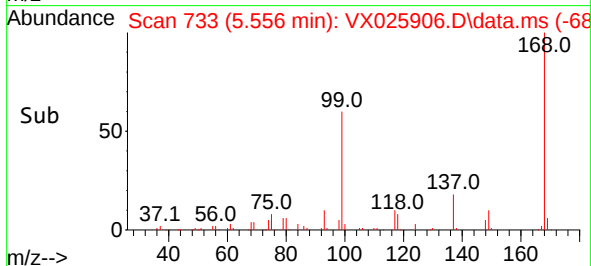
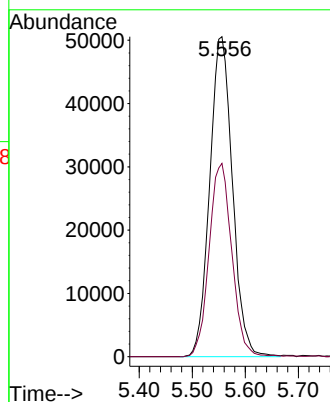


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Instrument :
MSVOA_X
ClientSampleId :

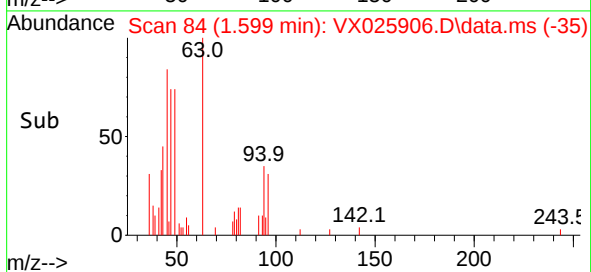
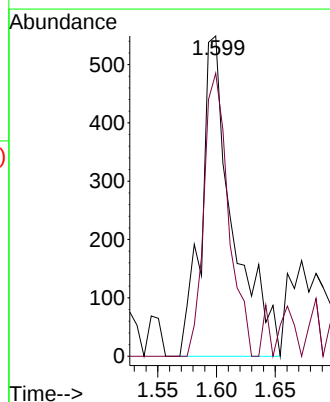
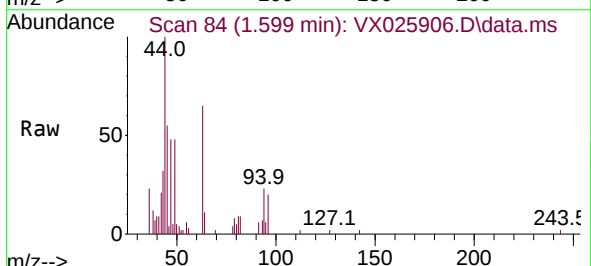


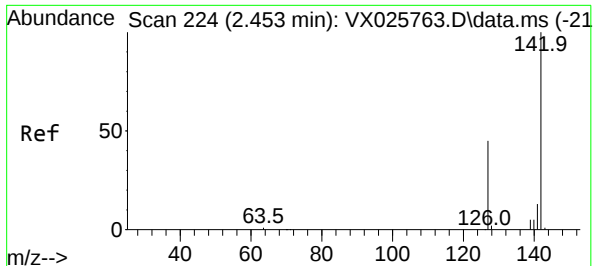
Tgt Ion:168 Resp: 150590
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.8



#5
Bromomethane
Concen: 0.767 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

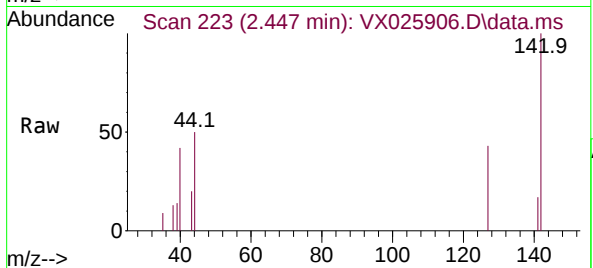
Tgt Ion: 94 Resp: 1022
Ion Ratio Lower Upper
94 100
96 88.3 75.0 112.4



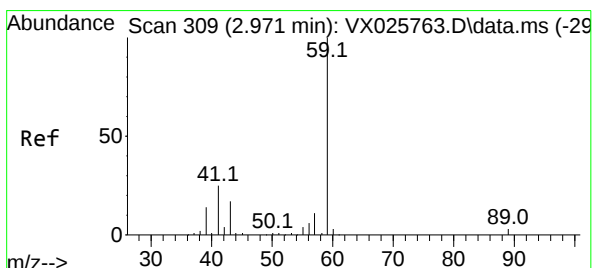
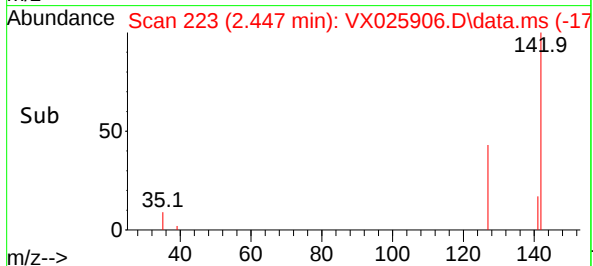
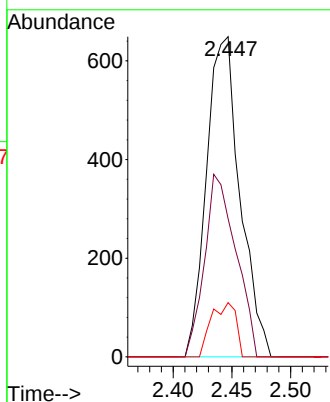


#10
Methyl Iodide
Concen: 0.632 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Instrument :
MSVOA_X
ClientSampleId :

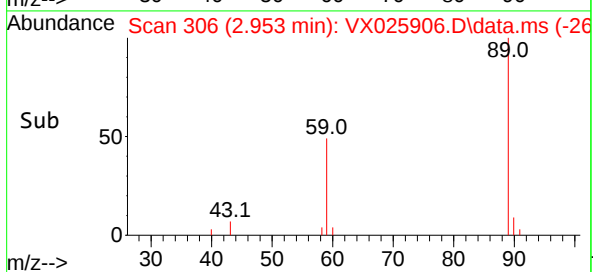
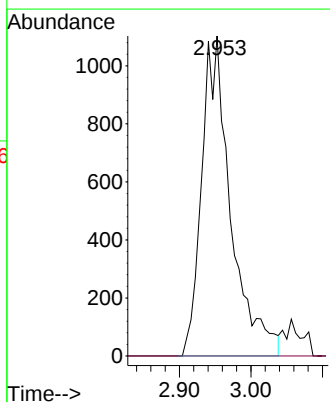
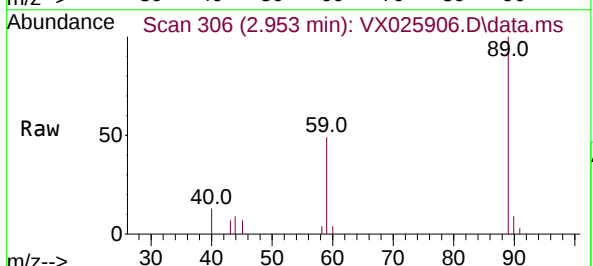


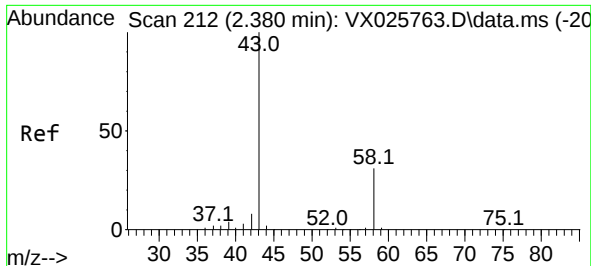
Tgt Ion:142 Resp: 1291
Ion Ratio Lower Upper
142 100
127 53.1 37.5 56.3
141 12.5 11.4 17.0



#11
Tert butyl alcohol
Concen: 7.167 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 59 Resp: 3115
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

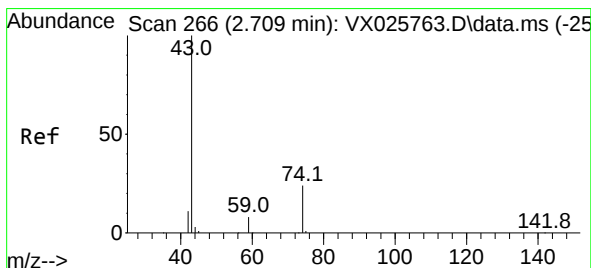
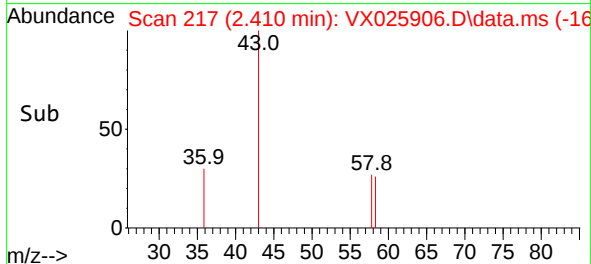
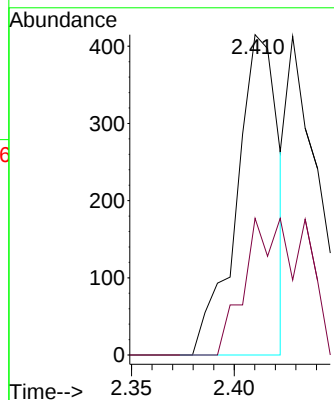
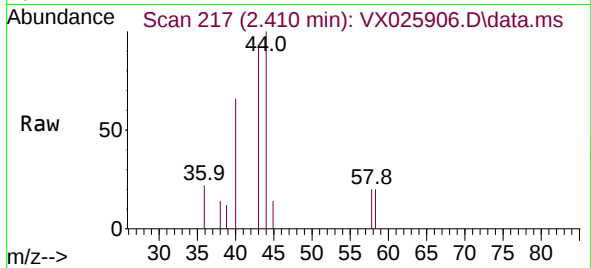




#16
Acetone
Concen: Below Cal
RT: 2.410 min Scan# 212
Delta R.T. 0.030 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

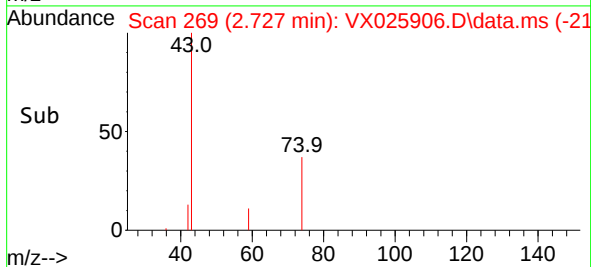
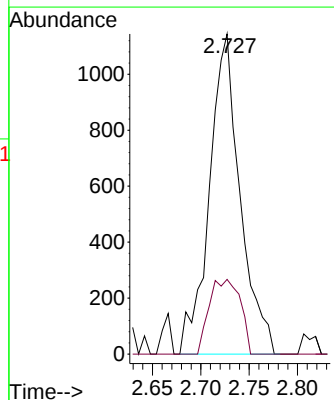
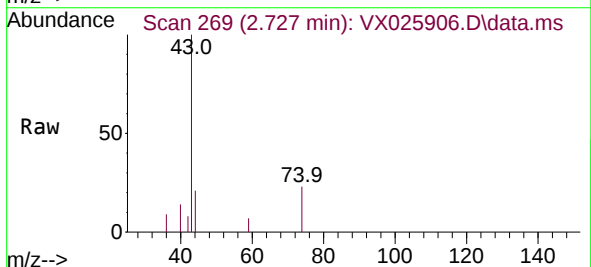
Instrument :
MSVOA_X
ClientSampleId :

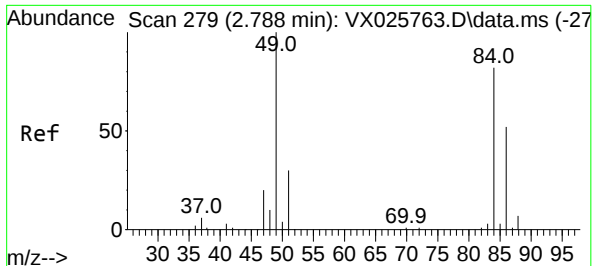
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
58 42.7 24.8 37.2#



#18
Methyl Acetate
Concen: 0.767 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

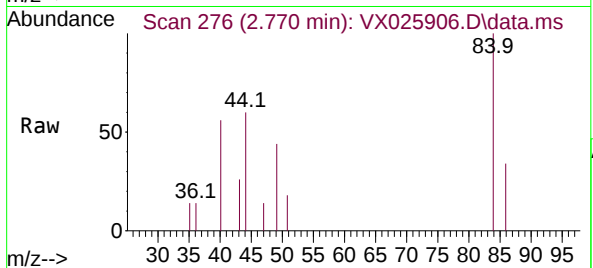
Tgt Ion: 43 Resp: 2533
Ion Ratio Lower Upper
43 100
74 23.5 19.1 28.7



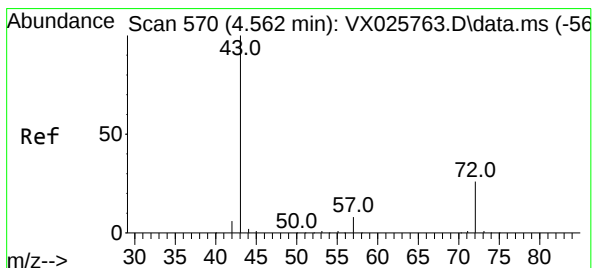
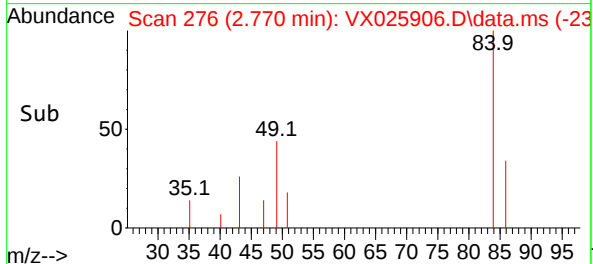
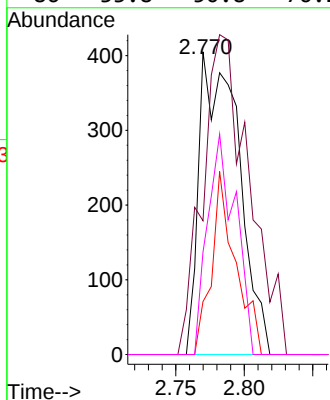


#20
Methylene Chloride
Concen: Below Cal
RT: 2.770 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Instrument :
MSVOA_X
ClientSampleId :

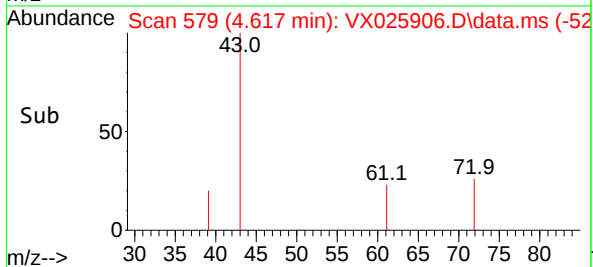
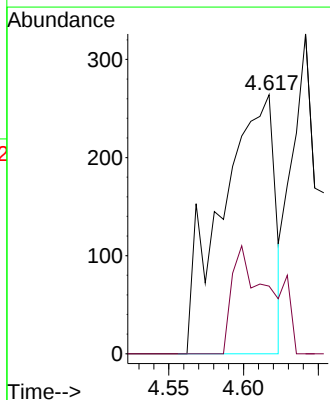
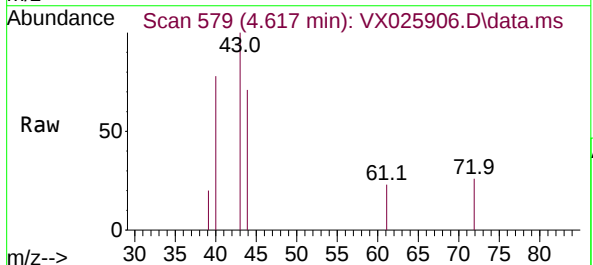


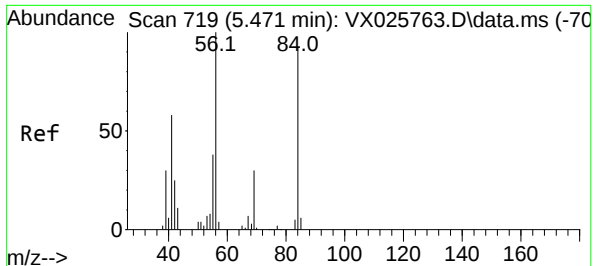
Tgt Ion:	84	Resp:	816
Ion	Ratio	Lower	Upper
84	100		
49	44.2	97.1	145.7#
51	17.5	29.3	43.9#
86	33.8	50.8	76.2#



#25
2-Butanone
Concen: 0.445 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.055 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

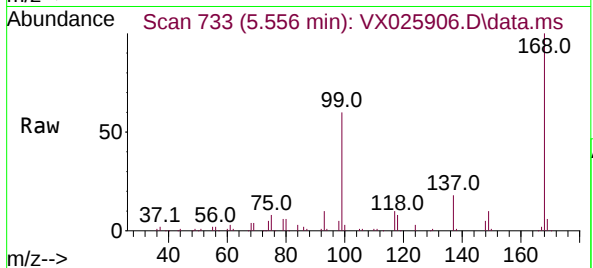
Tgt Ion:	43	Resp:	649
Ion	Ratio	Lower	Upper
43	100		
72	26.1	21.0	31.4



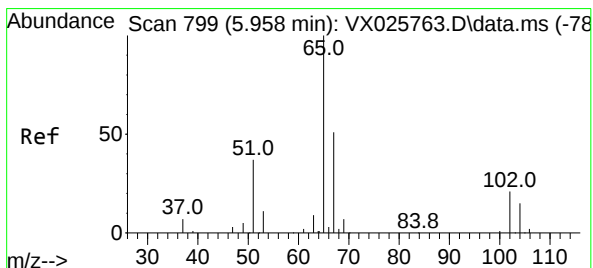
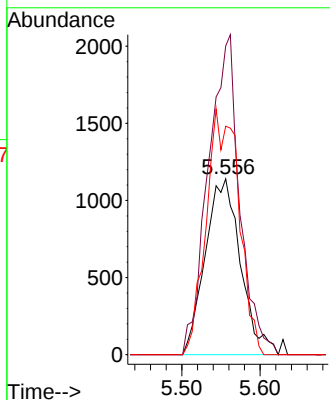
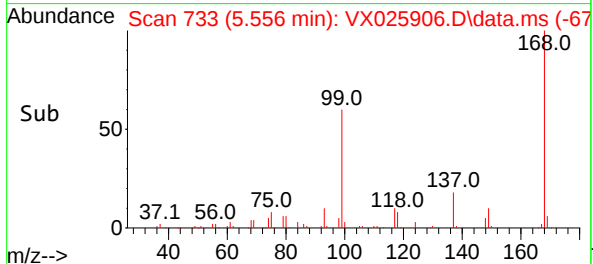


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Instrument :
MSVOA_X
ClientSampleId :

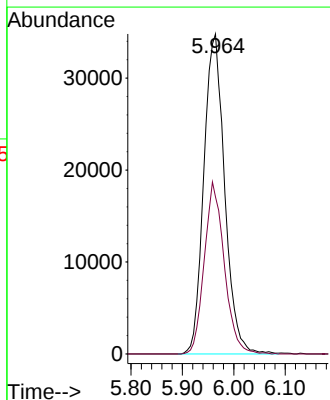
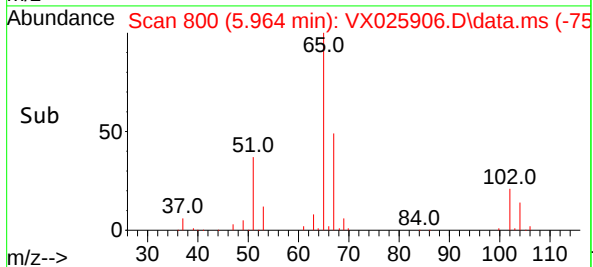
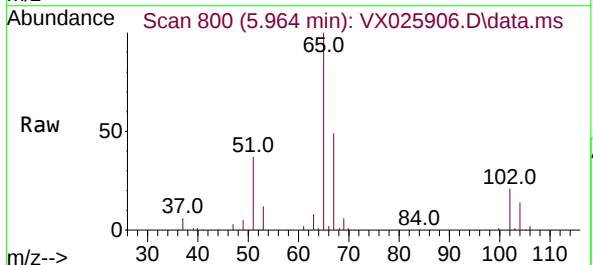


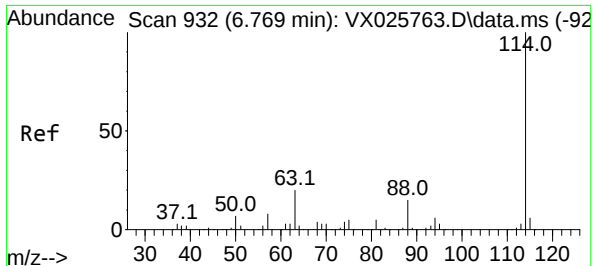
Tgt Ion: 56 Resp: 3572
Ion Ratio Lower Upper
56 100
69 175.6 23.9 35.9#
84 130.0 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 45.186 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 65 Resp: 97906
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025906.D

Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_X

ClientSampleId :

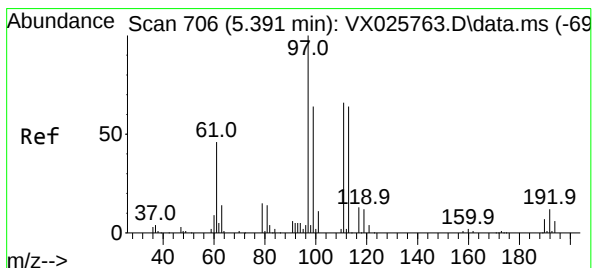
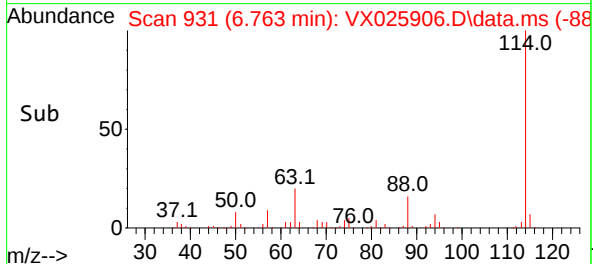
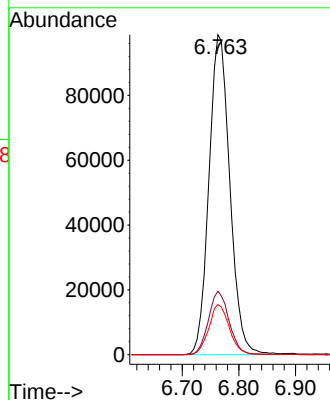
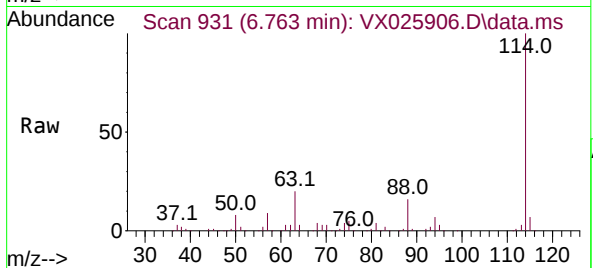
Tgt Ion:114 Resp: 252893

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.809 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX025906.D

Acq: 18 Dec 2021 13:05

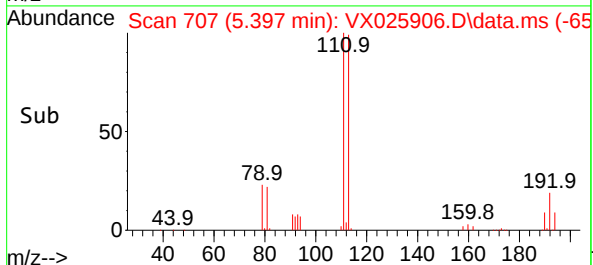
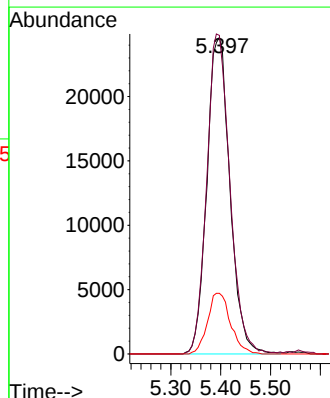
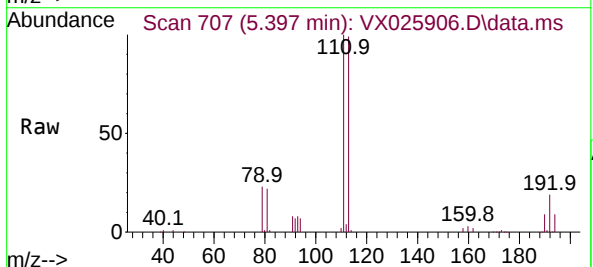
Tgt Ion:113 Resp: 79030

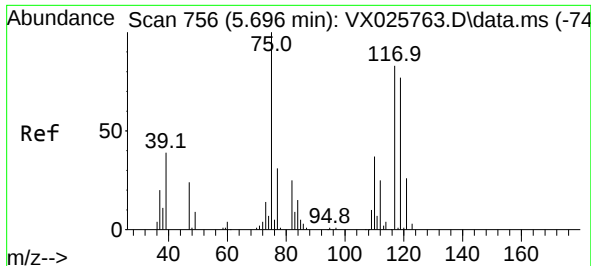
Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

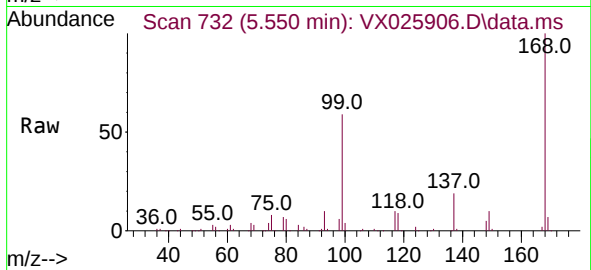
192 19.1 15.0 22.4



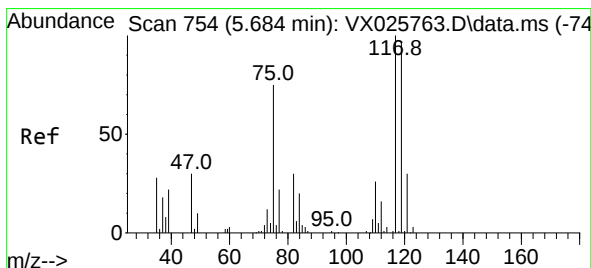
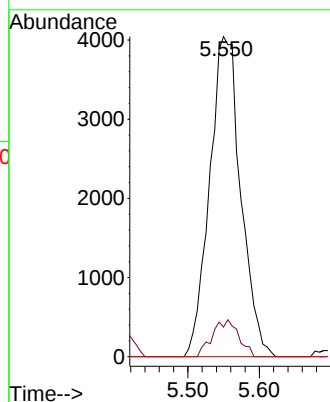
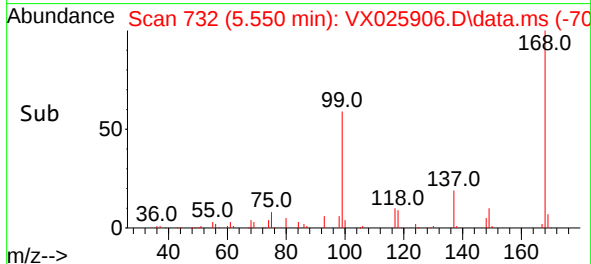


#36
1,1-Dichloropropene
Concen: 5.117 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

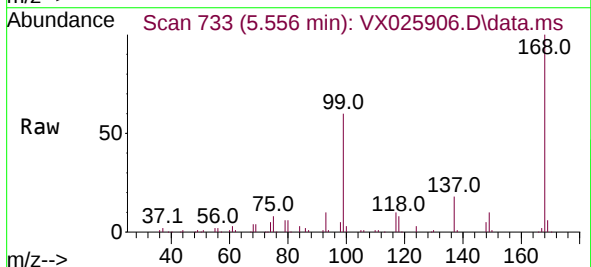
Instrument :
MSVOA_X
ClientSampleId :



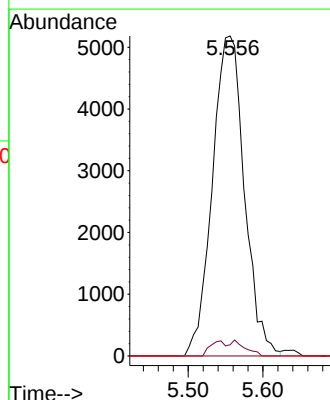
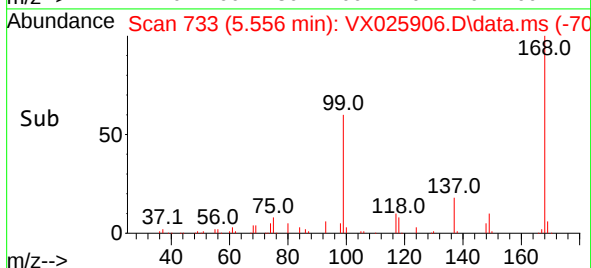
Tgt Ion: 75 Resp: 12238
Ion Ratio Lower Upper
75 100
110 9.7 18.2 54.6#
77 0.0 24.7 37.1#

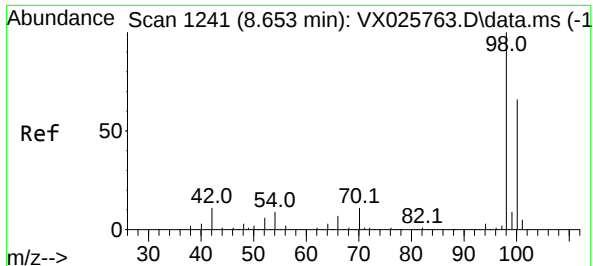


#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05



Tgt Ion: 117 Resp: 15460
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 23.8 35.8#





#50

Toluene-d8

Concen: 45.548 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025906.D

Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_X

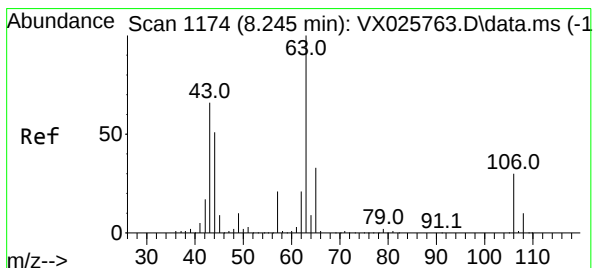
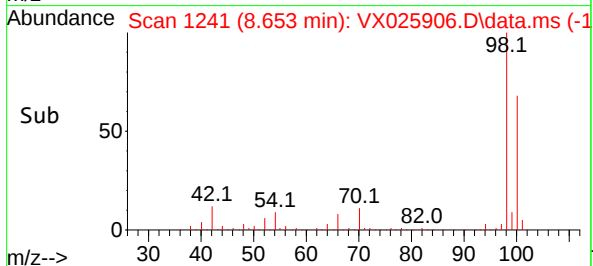
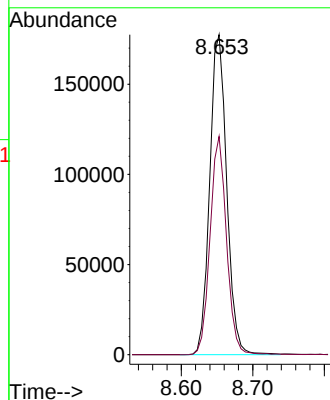
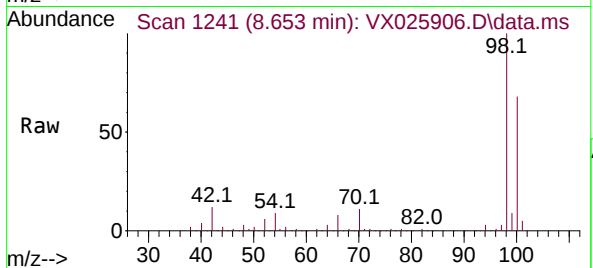
ClientSampleId :

Tgt Ion: 98 Resp: 292693

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: 15.651 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX025906.D

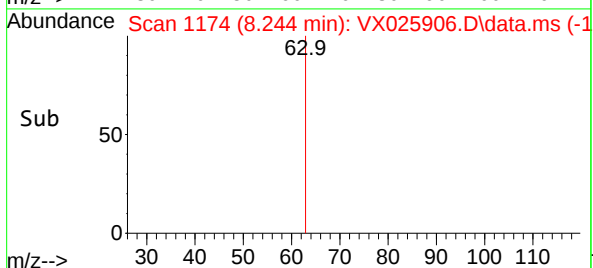
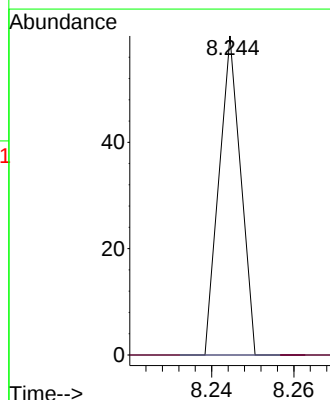
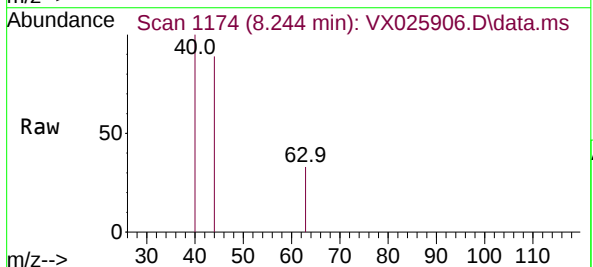
Acq: 18 Dec 2021 13:05

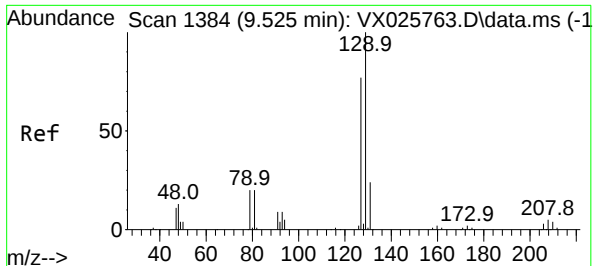
Tgt Ion: 63 Resp: 22

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#

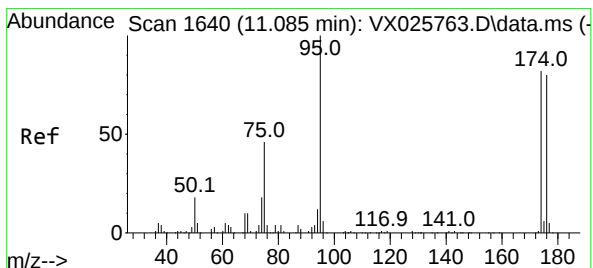
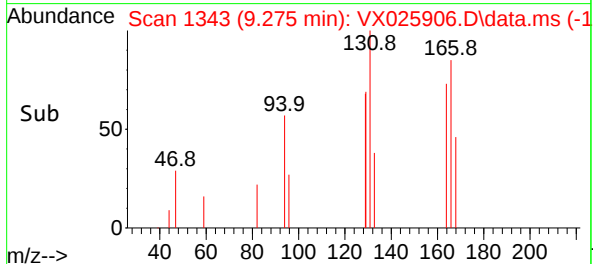
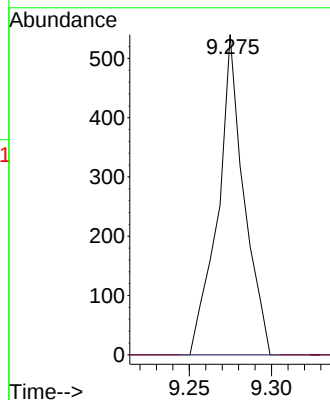
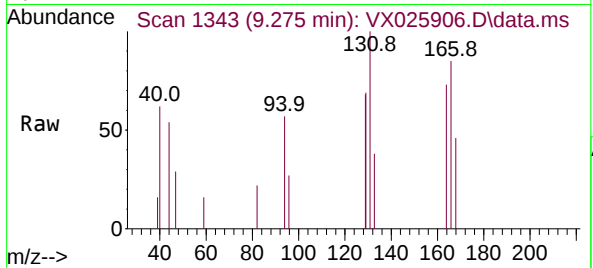




#60
Dibromochloromethane
Concen: 0.269 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

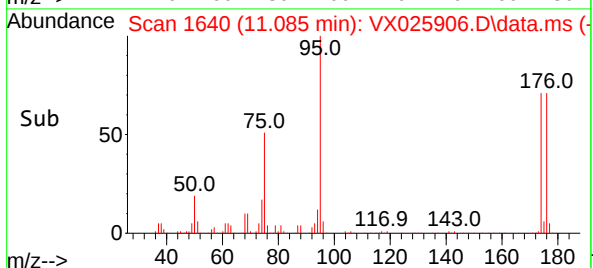
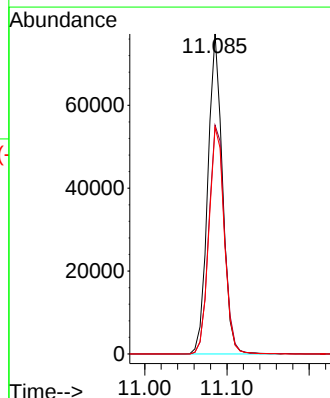
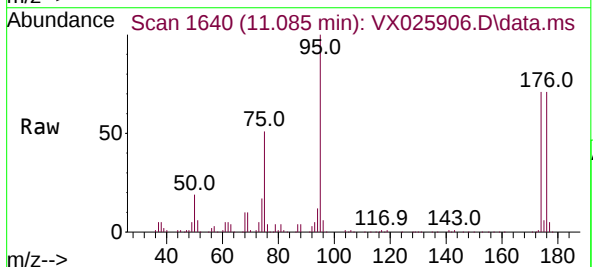
Instrument :
MSVOA_X
ClientSampleId :

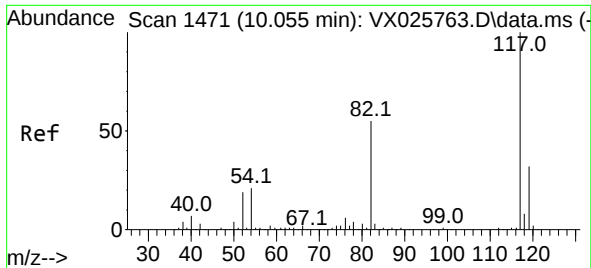
Tgt Ion:129 Resp: 596
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.7#



#62
4-Bromofluorobenzene
Concen: 39.196 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Tgt Ion: 95 Resp: 95678
Ion Ratio Lower Upper
95 100
174 76.3 0.0 157.4
176 74.1 0.0 154.6

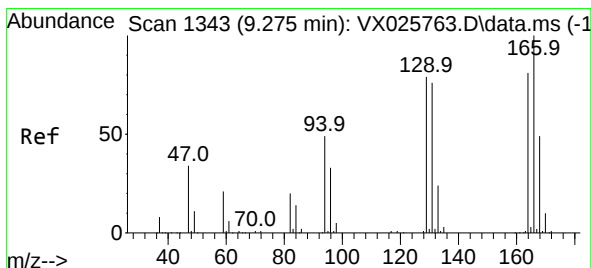
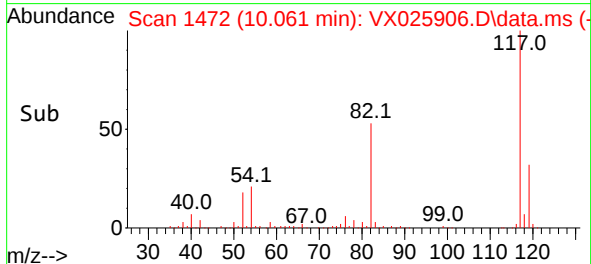
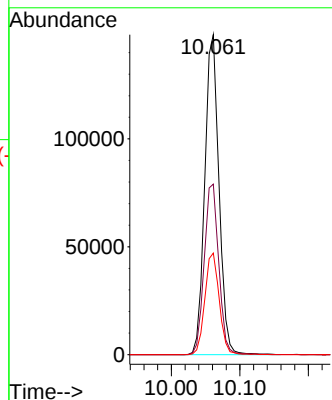
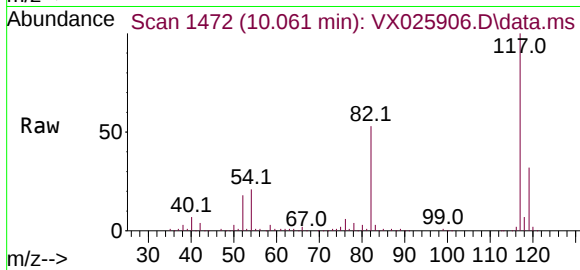




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

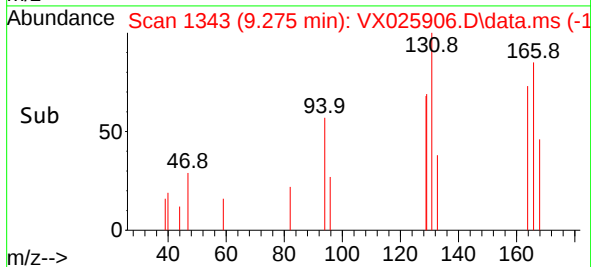
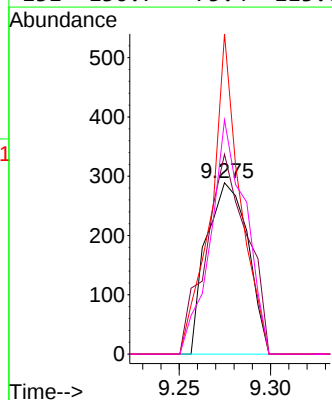
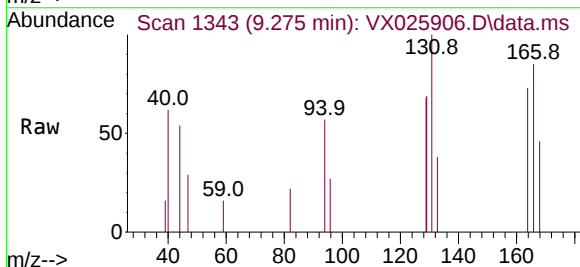
Instrument :
MSVOA_X
ClientSampleId :

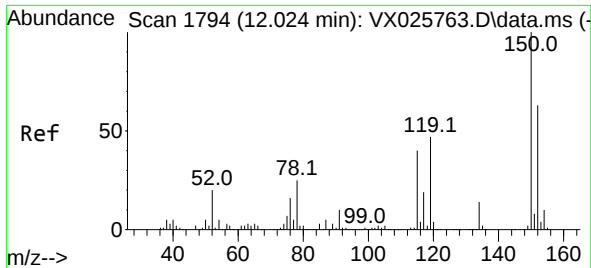
Tgt Ion:117 Resp: 214245
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.6
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 0.269 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

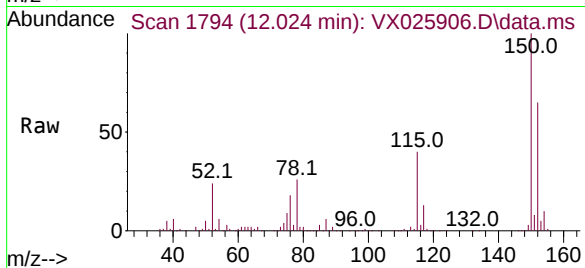
Tgt Ion:164 Resp: 459
Ion Ratio Lower Upper
164 100
166 116.6 99.4 149.0
129 186.9 78.6 118.0#
131 136.7 75.4 113.0#



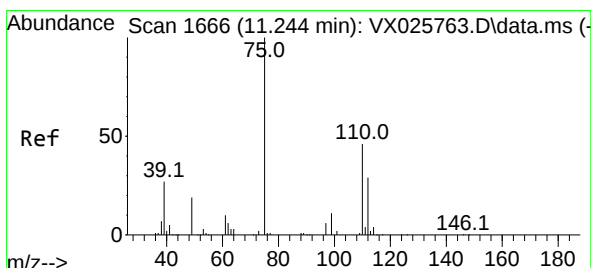
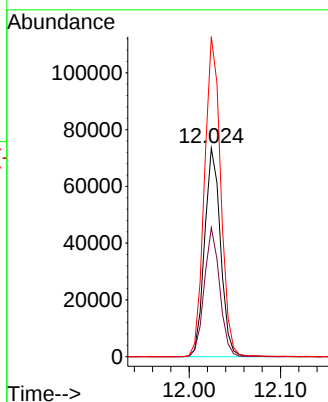
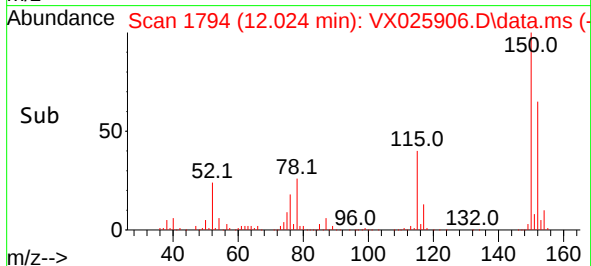


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025906.D
 Acq: 18 Dec 2021 13:05

Instrument :
 MSVOA_X
 ClientSampleId :

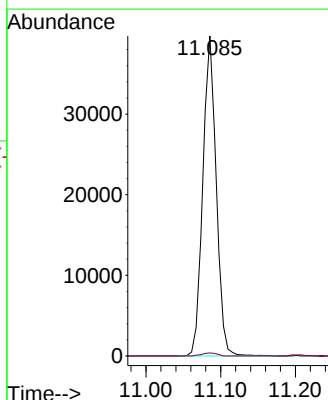
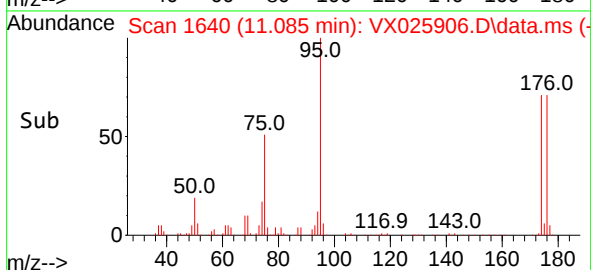
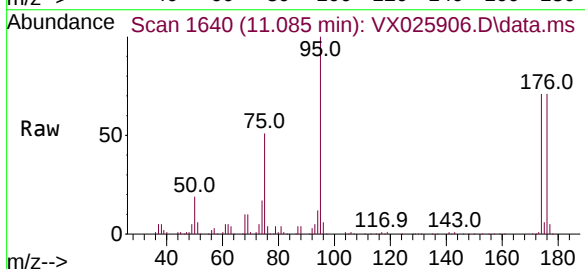


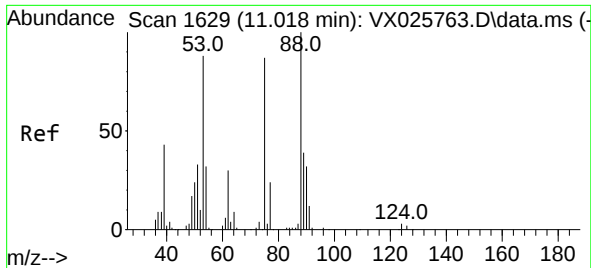
Tgt Ion:152 Resp: 88129
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.3 123.9
 150 157.2 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.496 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025906.D
 Acq: 18 Dec 2021 13:05

Tgt Ion: 75 Resp: 49462
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.0 57.0#

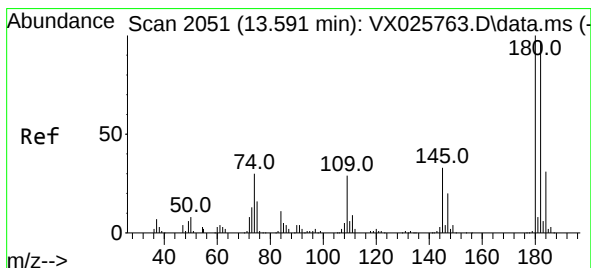
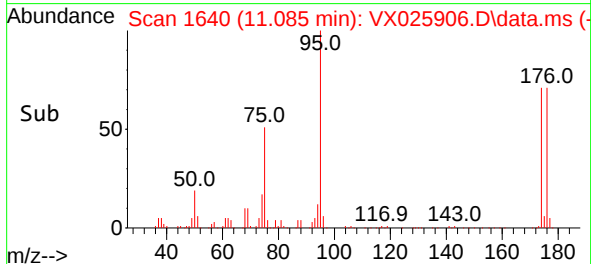
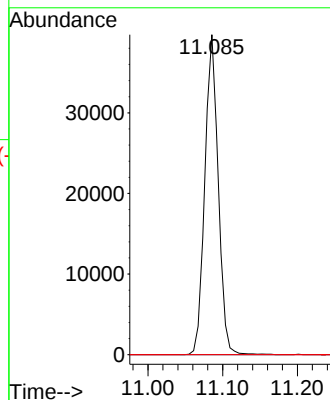
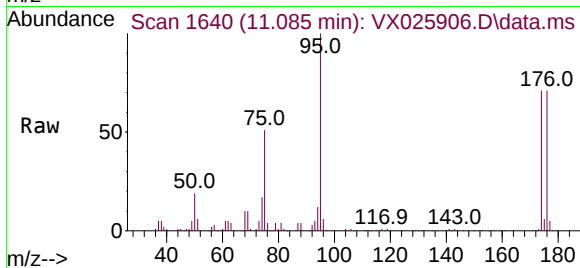




#81
trans-1,4-Dichloro-2-butene
Concen: 75.944 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

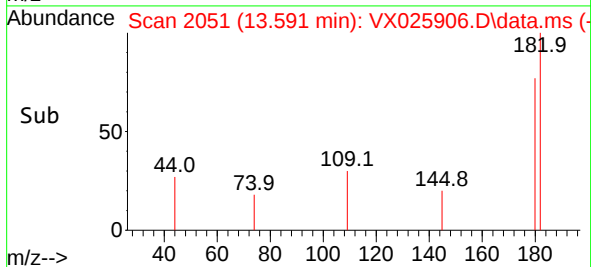
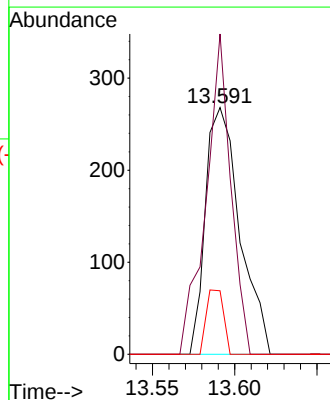
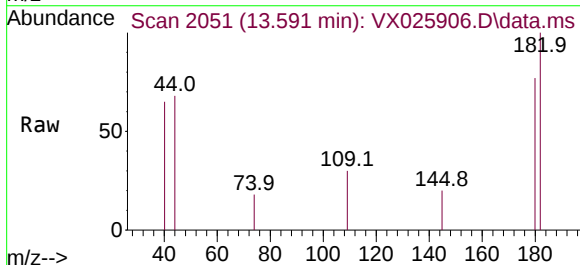
Instrument :
MSVOA_X
ClientSampleId :

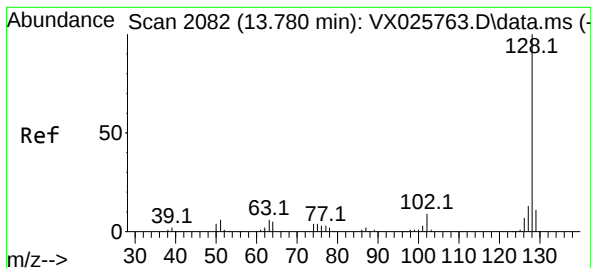
Tgt Ion: 75 Resp: 49462
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 3.578 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025906.D
Acq: 18 Dec 2021 13:05

Tgt Ion:180 Resp: 391
Ion Ratio Lower Upper
180 100
182 93.4 47.2 141.6
145 13.0 16.3 48.9#





#95

Naphthalene

Concen: 2.572 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025906.D

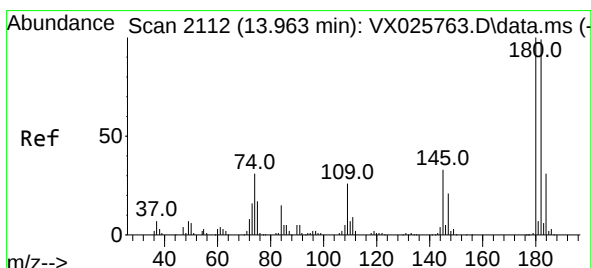
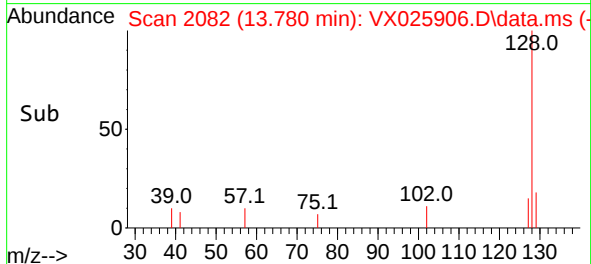
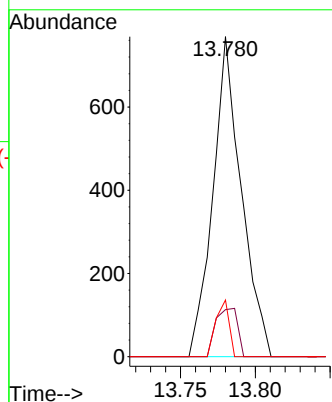
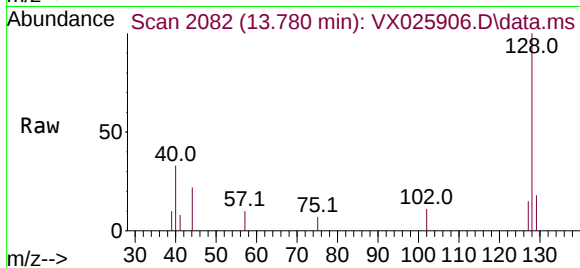
Acq: 18 Dec 2021 13:05

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	1013
Ion	Ratio	Lower Upper
128	100	
127	11.6	10.3 15.5
129	8.3	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 3.166 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX025906.D

Acq: 18 Dec 2021 13:05

Tgt Ion:180	Resp:	320
Ion	Ratio	Lower Upper
180	100	
182	56.6	47.5 142.6
145	11.9	16.7 50.1#

