

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\Not Reviewed Data\
 Data File : VX022250.D
 Acq On : 28 May 2021 13:42
 Operator : JC/MD
 Sample : VX0529MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBL01

Quant Time: May 28 19:15:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

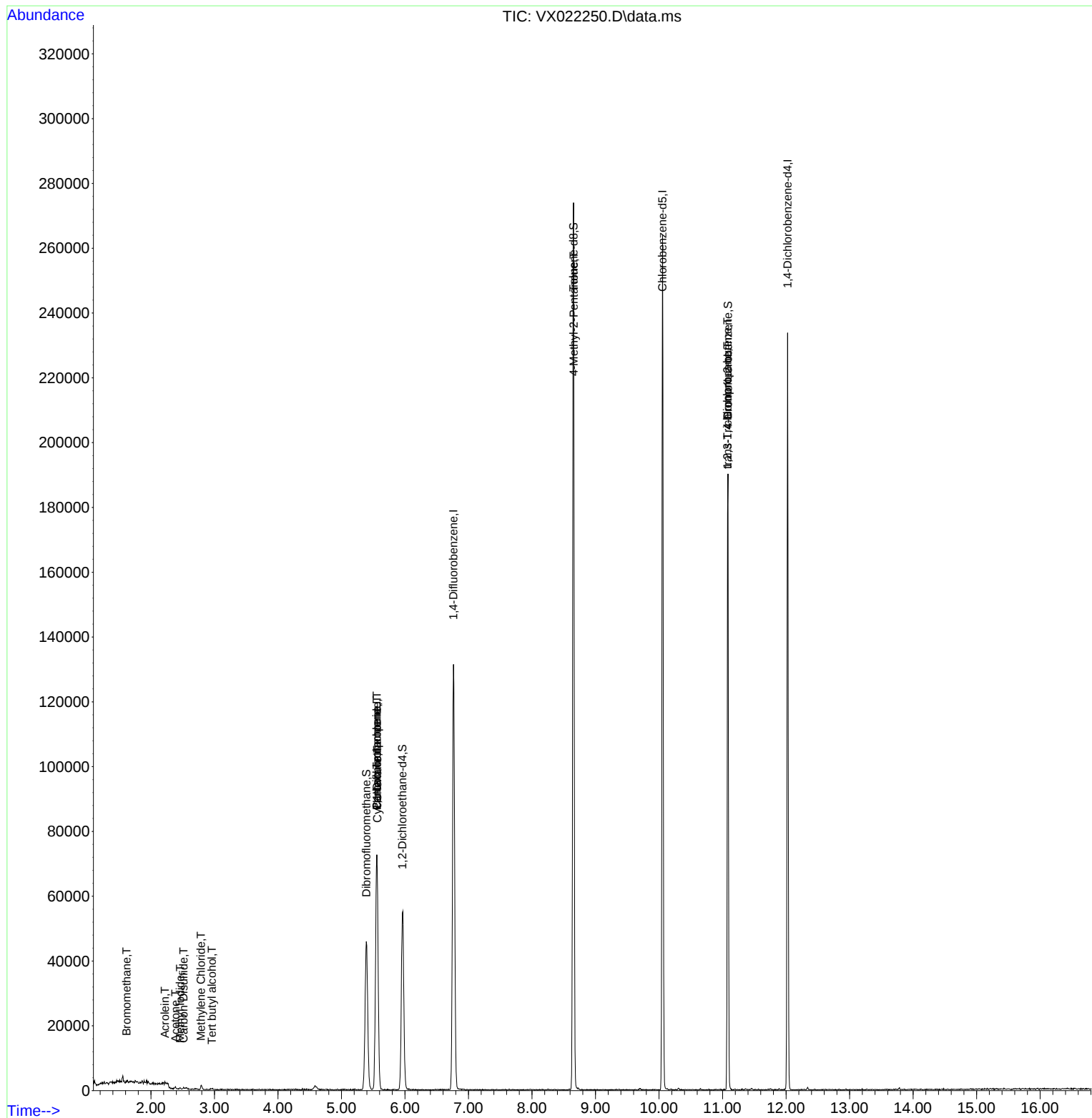
Internal Standards						
1) Pentafluorobenzene	5.556	168	63751	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52108	52.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.98%
35) Dibromofluoromethane	5.391	113	39368	47.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.72%
50) Toluene-d8	8.653	98	158186	49.40	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.80%
62) 4-Bromofluorobenzene	11.085	95	52515	44.37	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.74%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	276	0.54	ug/l	99
10) Methyl Iodide	2.459	142	382	0.47	ug/l	# 91
11) Tert butyl alcohol	2.959	59	180	0.80	ug/l	# 73
13) Acrolein	2.221	56	44	0.29	ug/l	# 1
16) Acetone	2.386	43	421	0.98	ug/l	93
17) Carbon Disulfide	2.514	76	477	0.25	ug/l	# 75
20) Methylene Chloride	2.788	84	603	0.63	ug/l	# 84
31) Cyclohexane	5.562	56	1714	1.39	ug/l	# 48
36) 1,1-Dichloropropene	5.556	75	5842	4.82	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	7081	5.97	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.659	43	917	0.63	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	27973	27.78	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	27973	65.82	ug/l	# 12

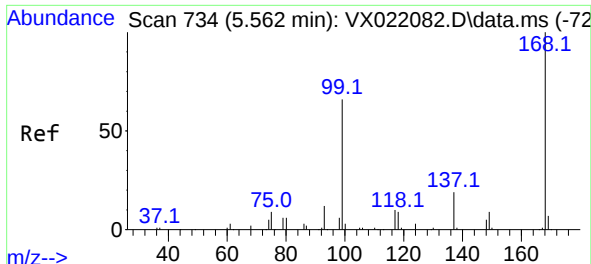
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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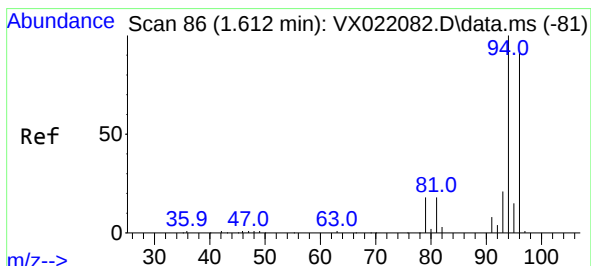
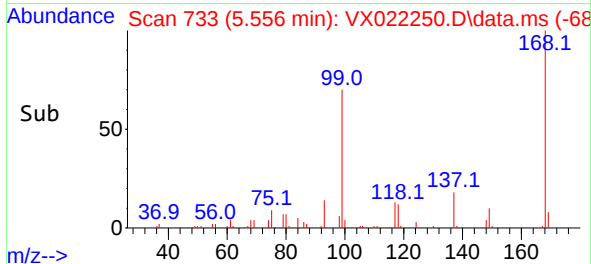
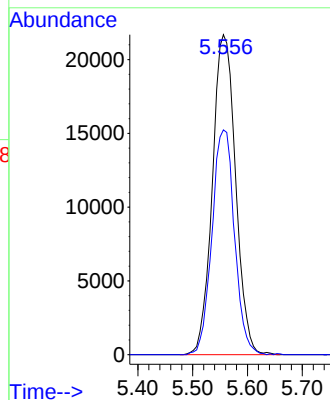
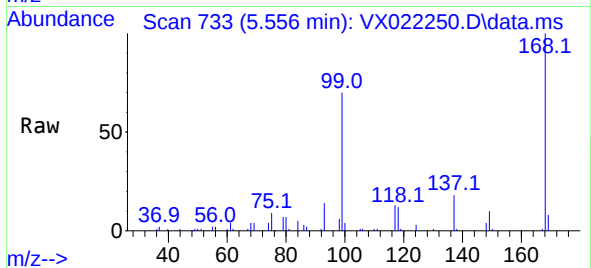




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

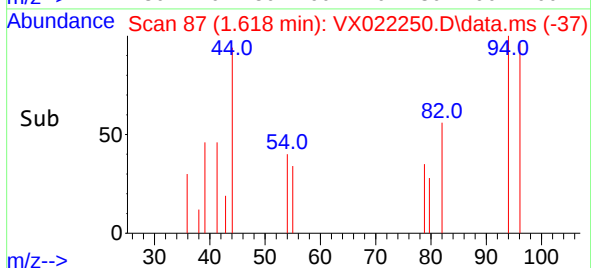
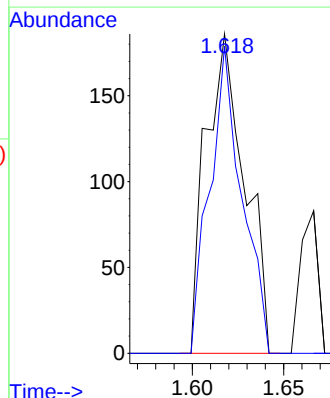
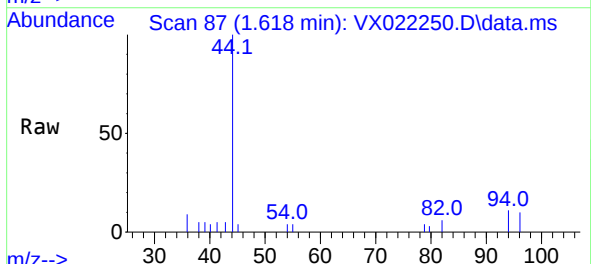
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

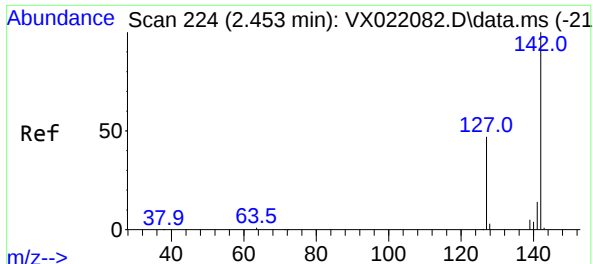
Tgt Ion:168 Resp: 63751
Ion Ratio Lower Upper
168 100
99 70.2 45.8 68.6#



#5
Bromomethane
Concen: 0.54 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 94 Resp: 276
Ion Ratio Lower Upper
94 100
96 96.2 76.4 114.6

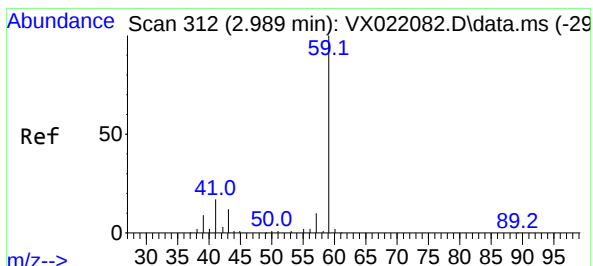
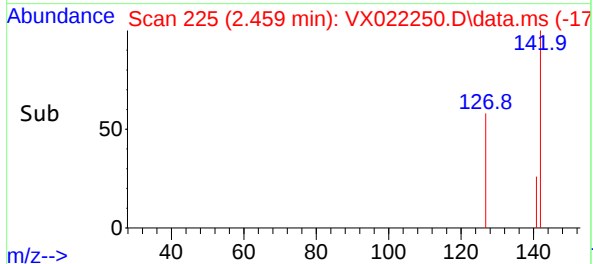
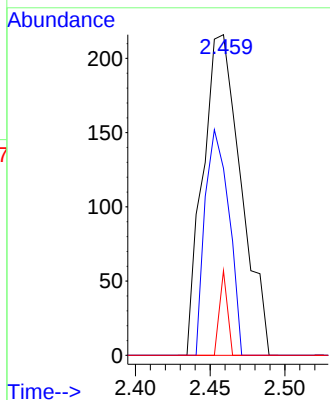
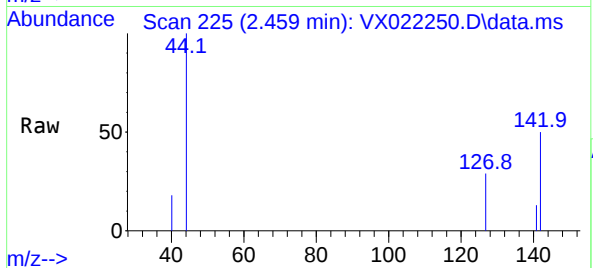




#10
Methyl Iodide
Concen: 0.47 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

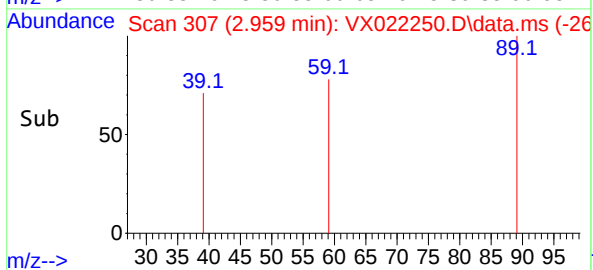
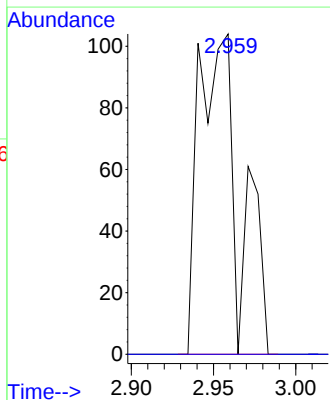
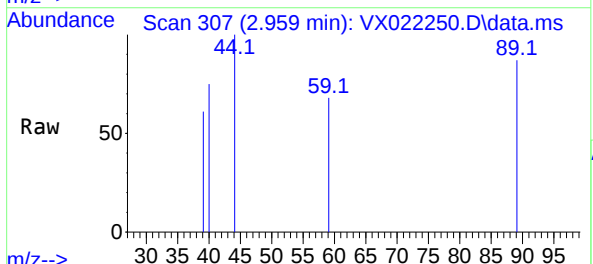
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

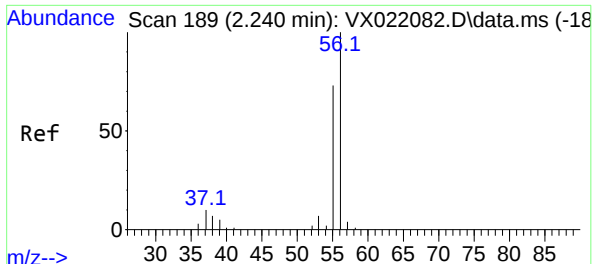
Tgt Ion:142 Resp: 382
Ion Ratio Lower Upper
142 100
127 44.2 33.3 49.9
141 5.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.80 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

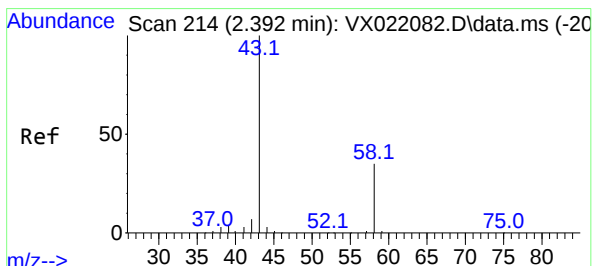
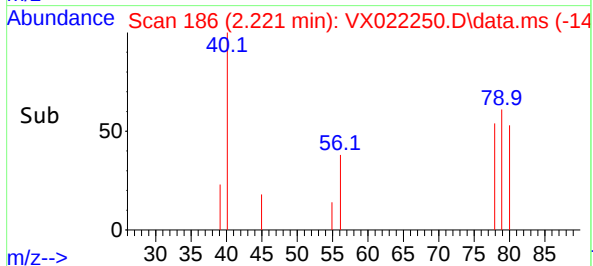
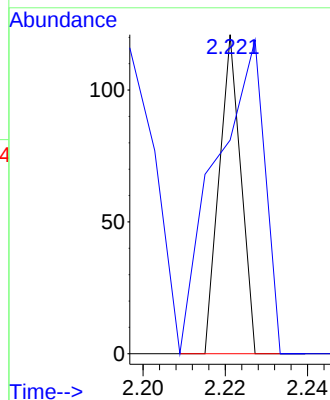
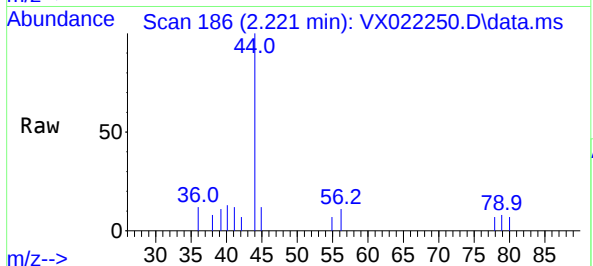




#13
Acrolein
Concen: 0.29 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.019 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

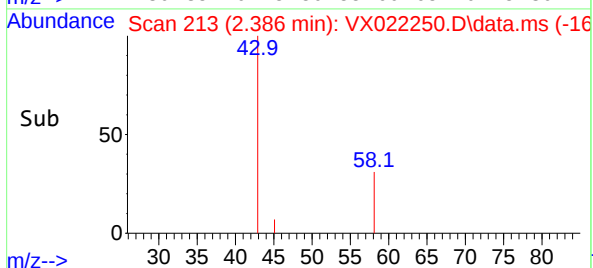
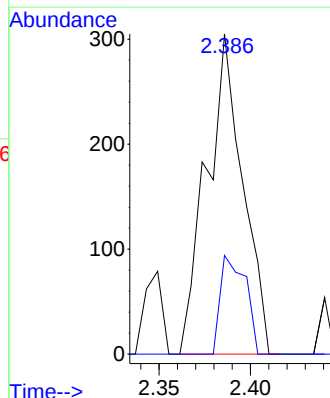
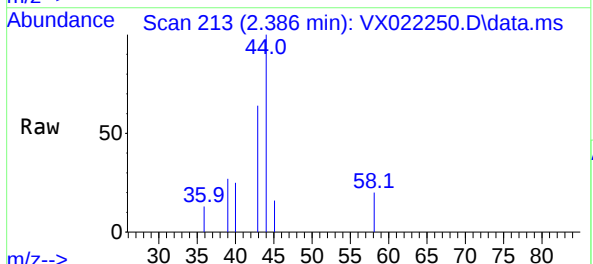
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

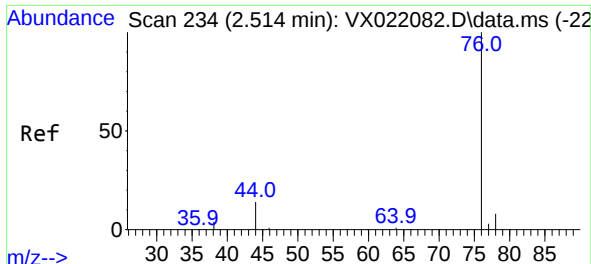
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 222.7 56.4 84.6#



#16
Acetone
Concen: 0.98 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8

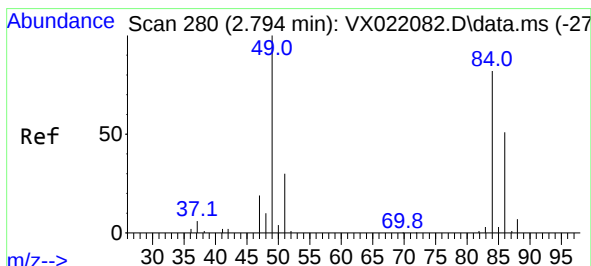
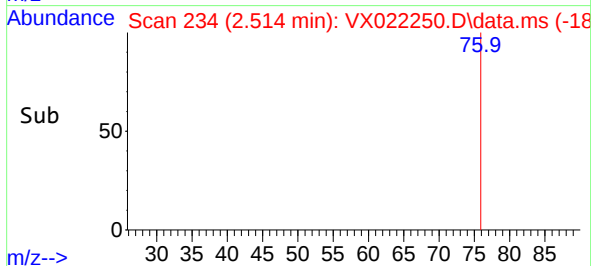
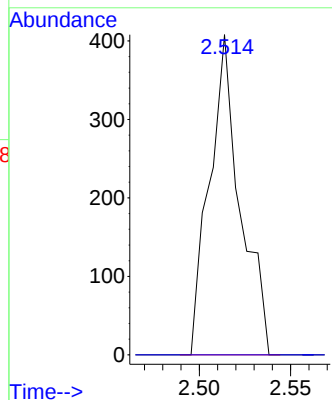
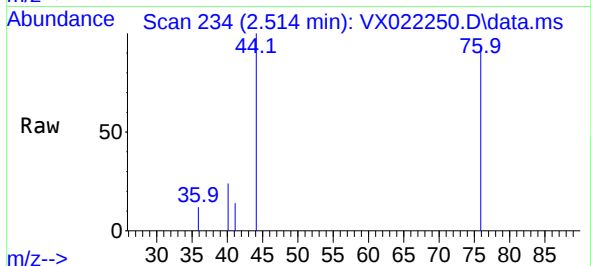




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

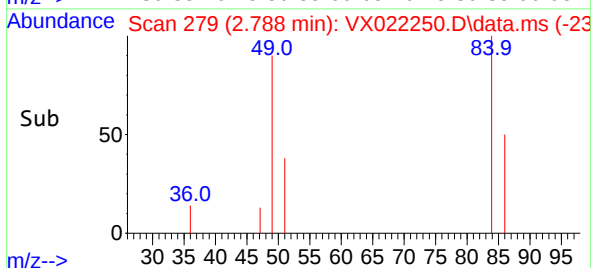
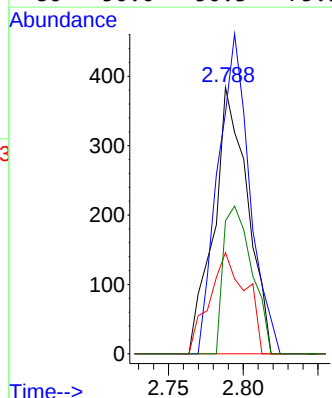
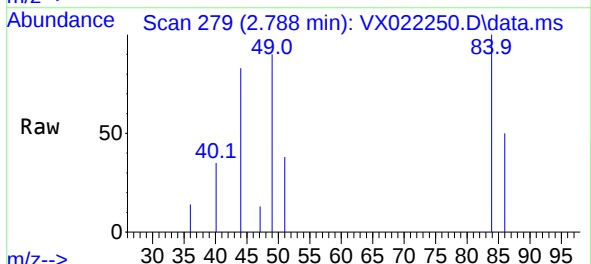
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

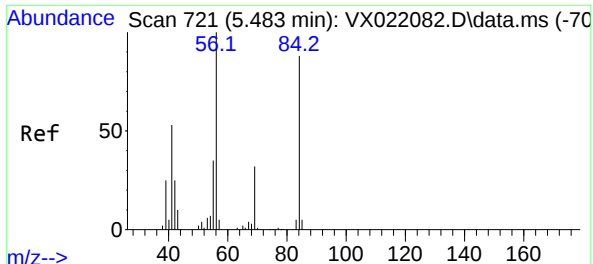
Tgt Ion: 76 Resp: 477
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

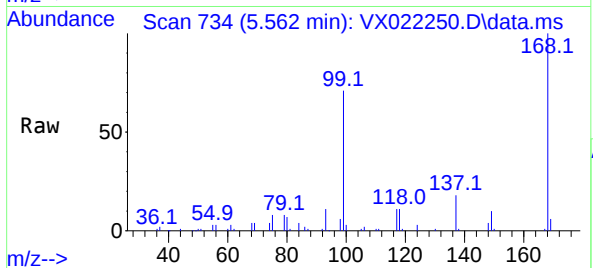
Tgt Ion: 84 Resp: 603
Ion Ratio Lower Upper
84 100
49 90.4 88.6 132.8
51 38.0 27.0 40.6
86 50.0 50.3 75.5#



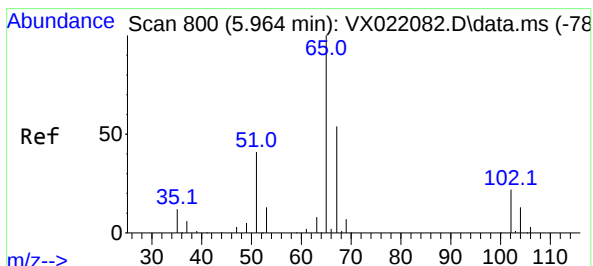
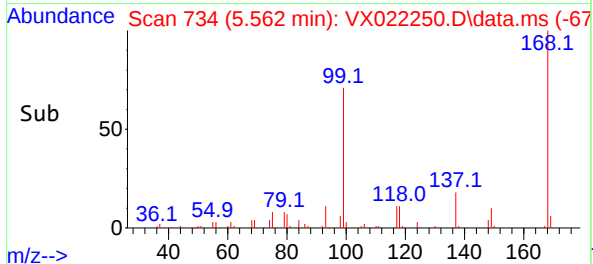
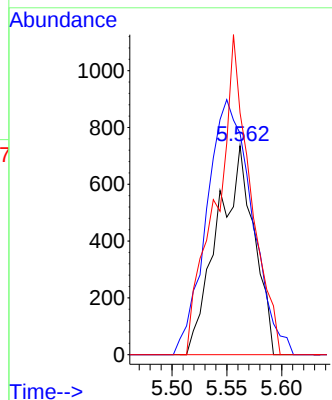


#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

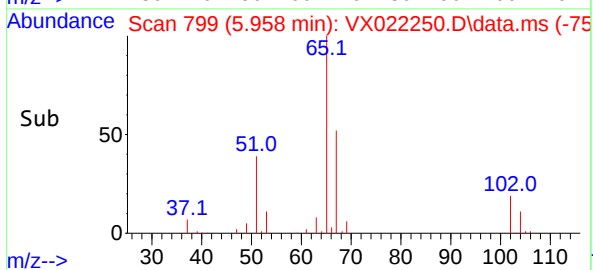
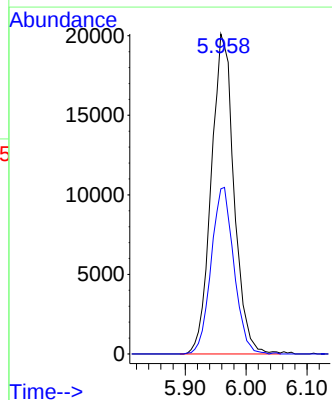
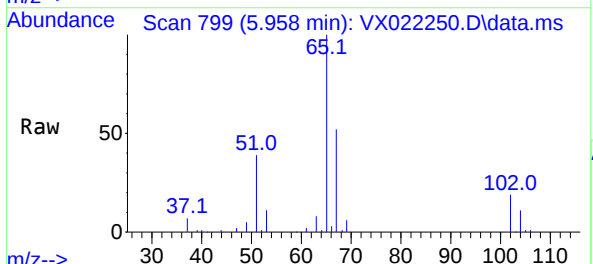


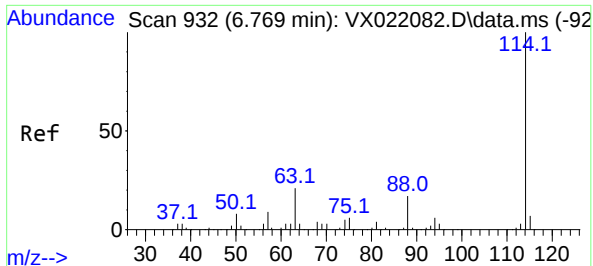
Tgt Ion: 56 Resp: 1714
Ion Ratio Lower Upper
56 100
69 98.5 25.3 37.9#
84 115.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.99 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 65 Resp: 52108
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

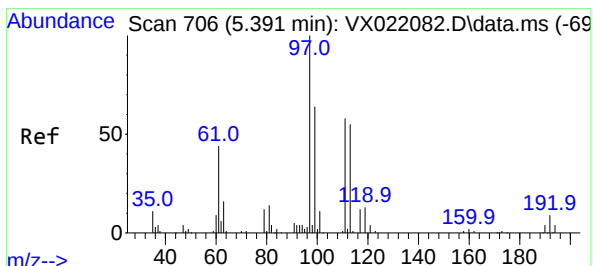
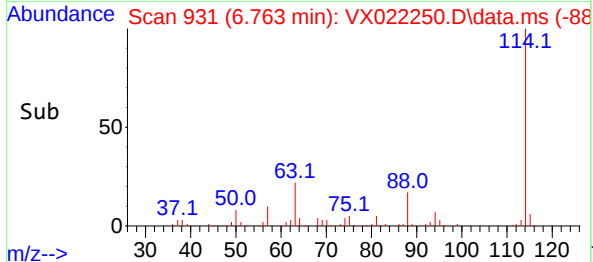
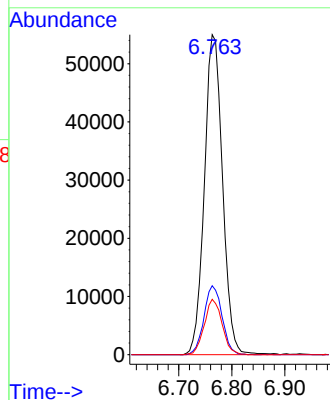
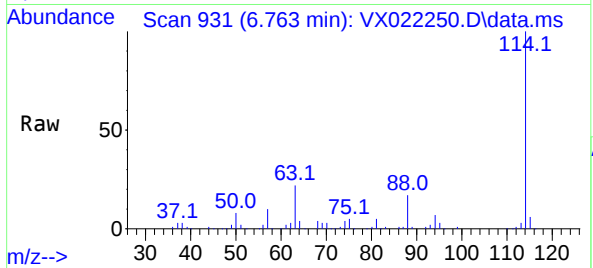




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

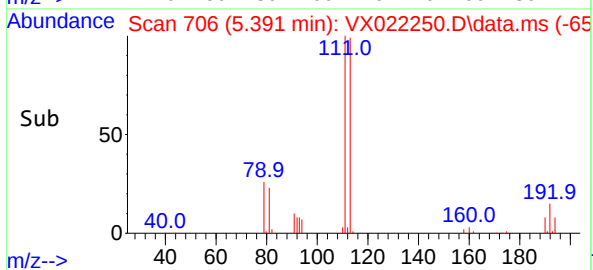
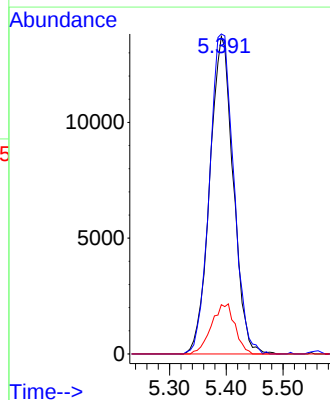
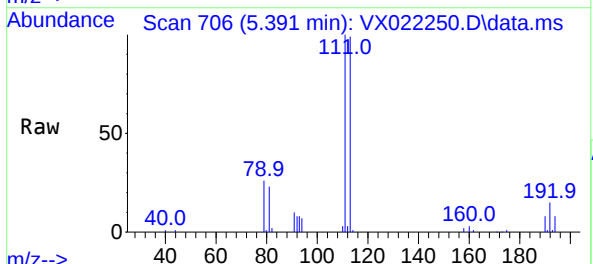
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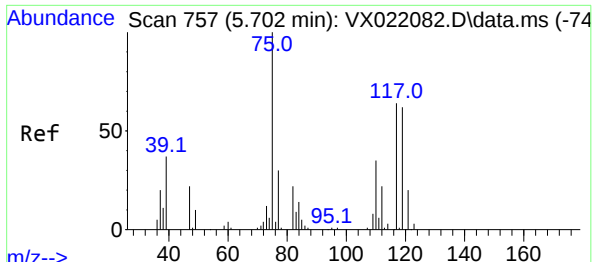
Tgt Ion:114 Resp: 131094
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion:113 Resp: 39368
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.8 16.7 25.1#

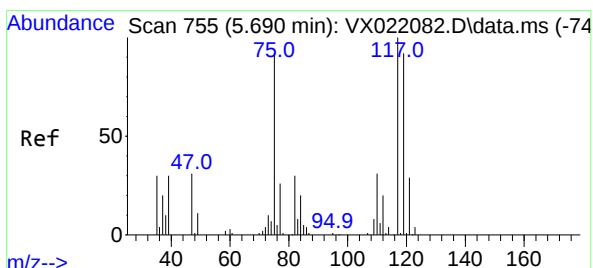
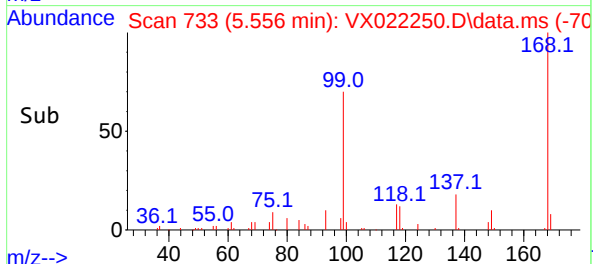
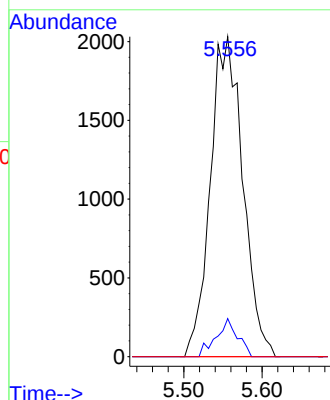
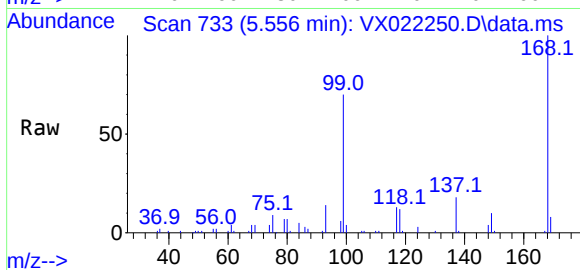




#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

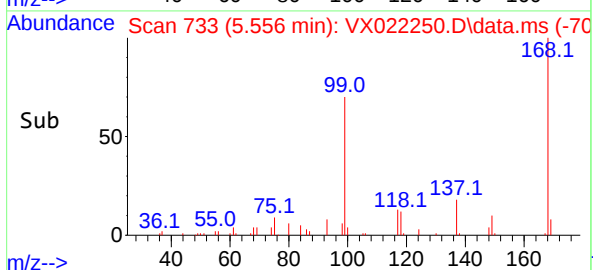
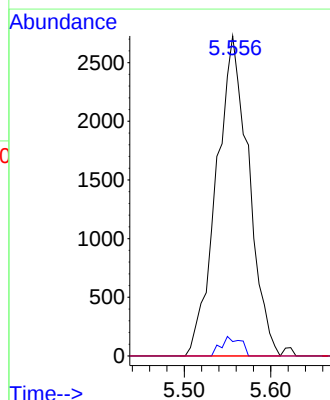
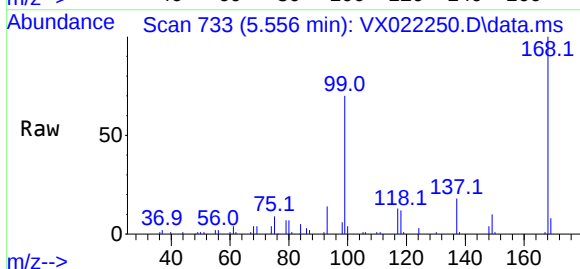
Instrument :
MSVOA_X
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VX0529MBL01

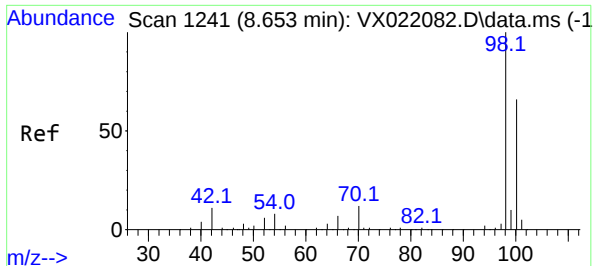
Tgt Ion:	75	Resp:	5842
Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion:	117	Resp:	7081
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

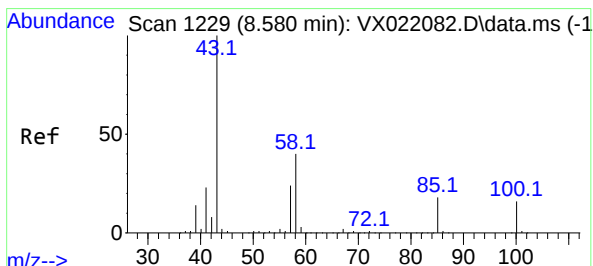
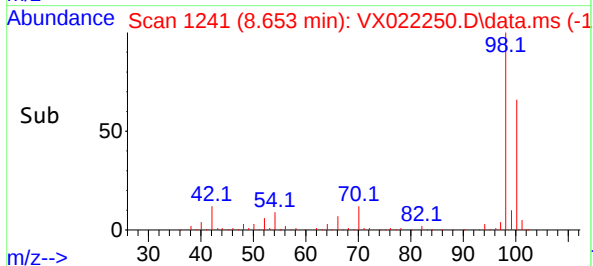
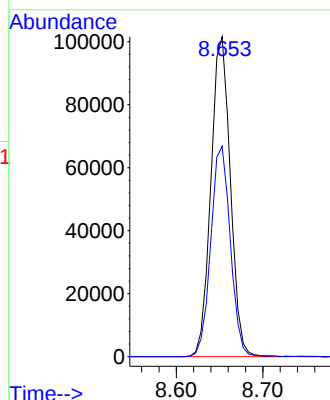
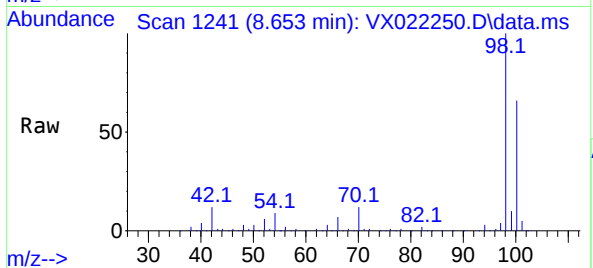




#50
Toluene-d8
Concen: 49.40 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

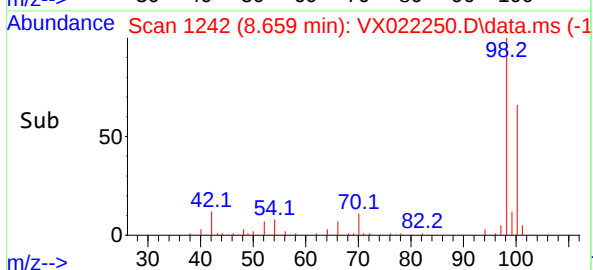
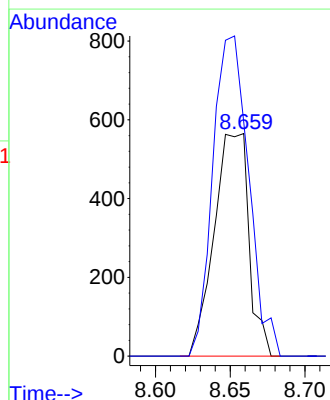
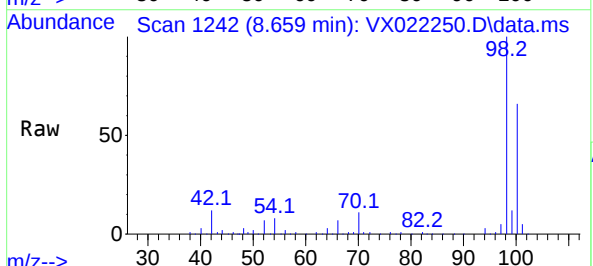
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

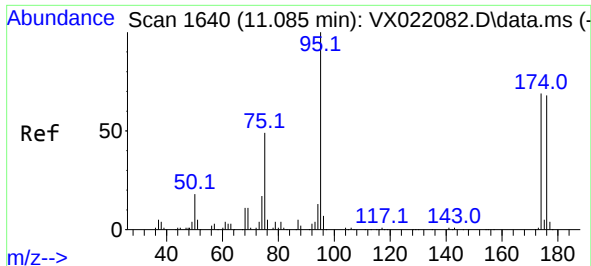
Tgt Ion: 98 Resp: 158186
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.63 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
58 147.9 35.4 53.0#

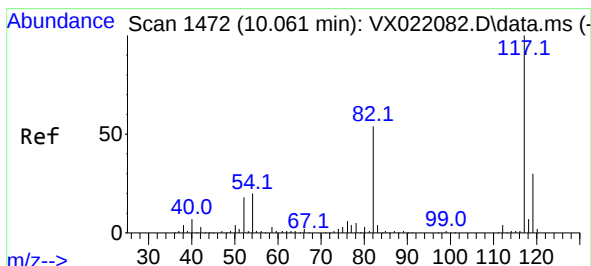
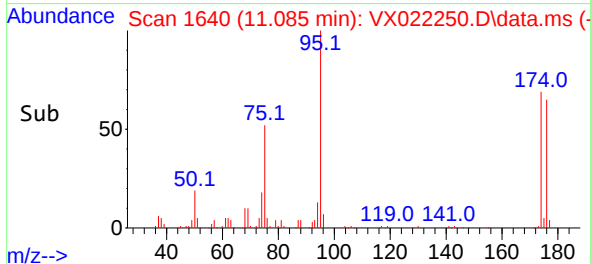
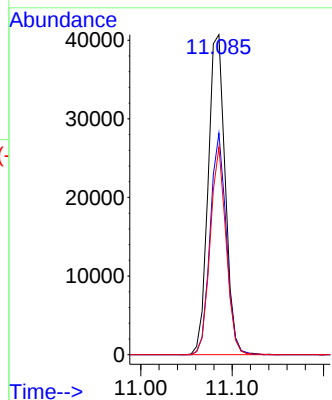
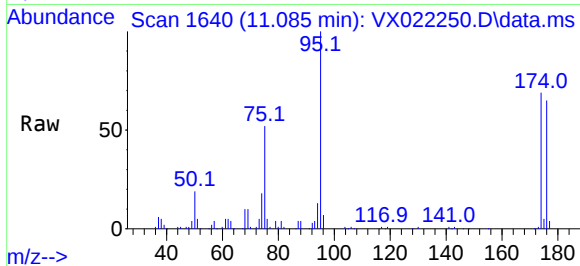




#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

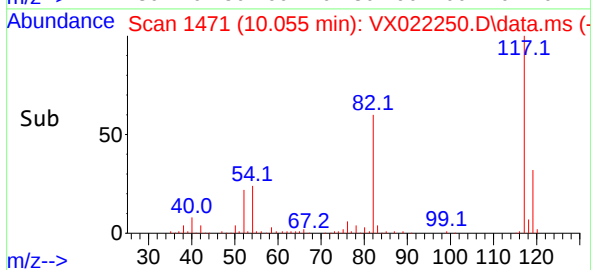
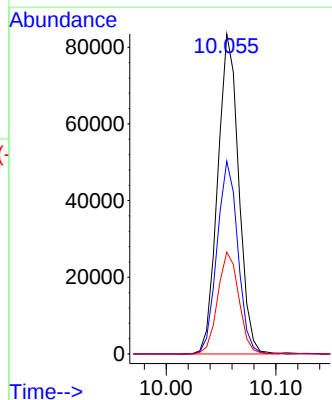
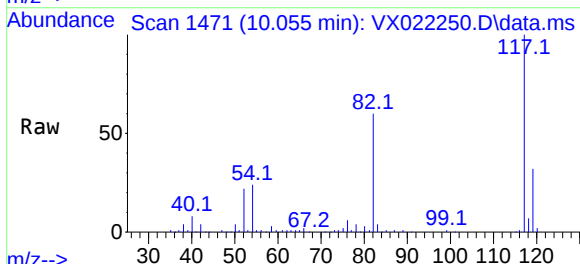
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

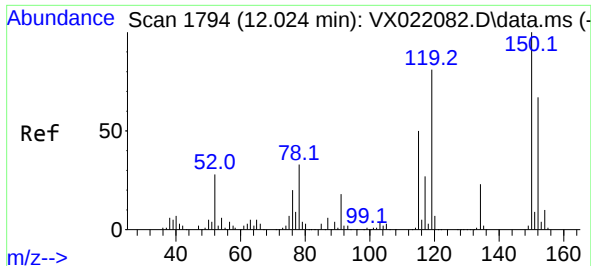
Tgt Ion: 95 Resp: 52515
Ion Ratio Lower Upper
95 100
174 65.4 0.0 154.6
176 60.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 117 Resp: 111203
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.8 26.6 39.8

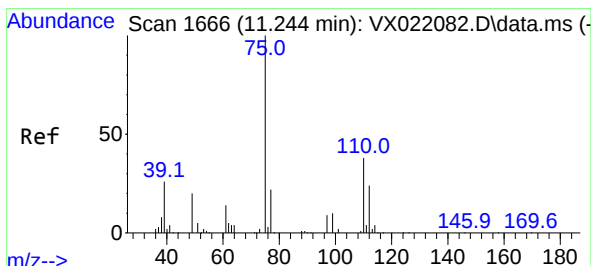
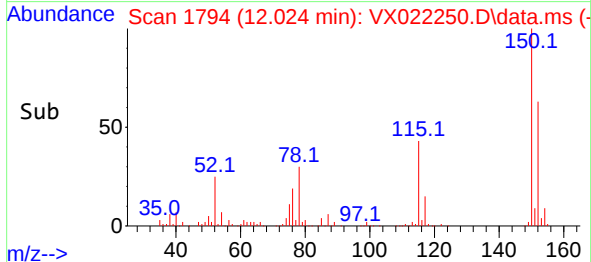
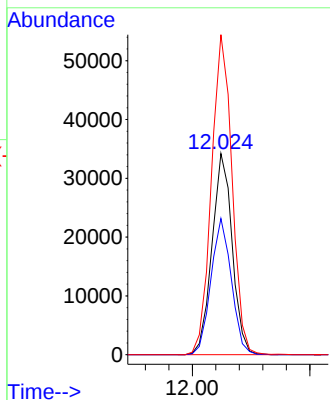
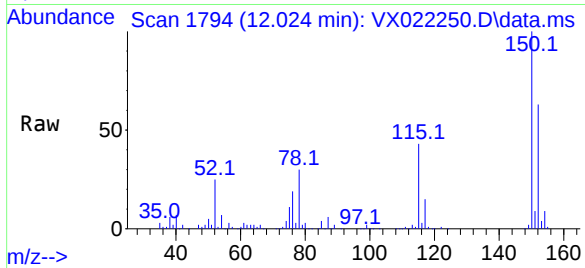




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

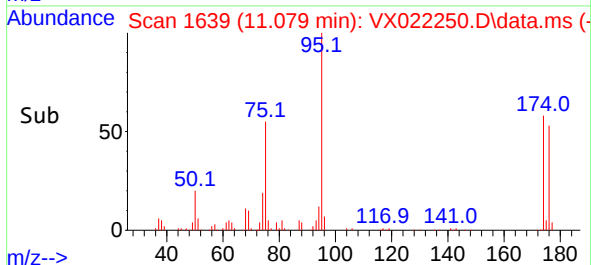
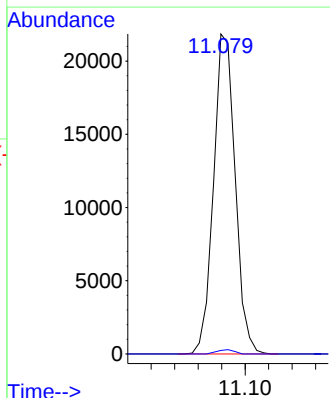
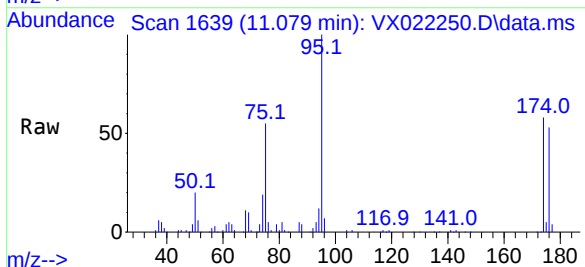
Instrument :
MSVOA_X
ClientSampleId :
VX0529MBL01

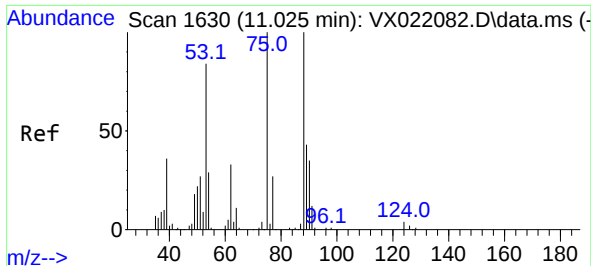
Tgt Ion:152 Resp: 40819
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 162.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.78 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX022250.D
Acq: 28 May 2021 13:42

Tgt Ion: 75 Resp: 27973
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.82 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.054 min
 Lab File: VX022250.D
 Acq: 28 May 2021 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529MBL01

Tgt Ion: 75 Resp: 27973
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

