

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023375.D
 Acq On : 22 Jul 2021 15:41
 Operator : JC/MD
 Sample : VX0722WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBL01

Quant Time: Jul 23 06:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

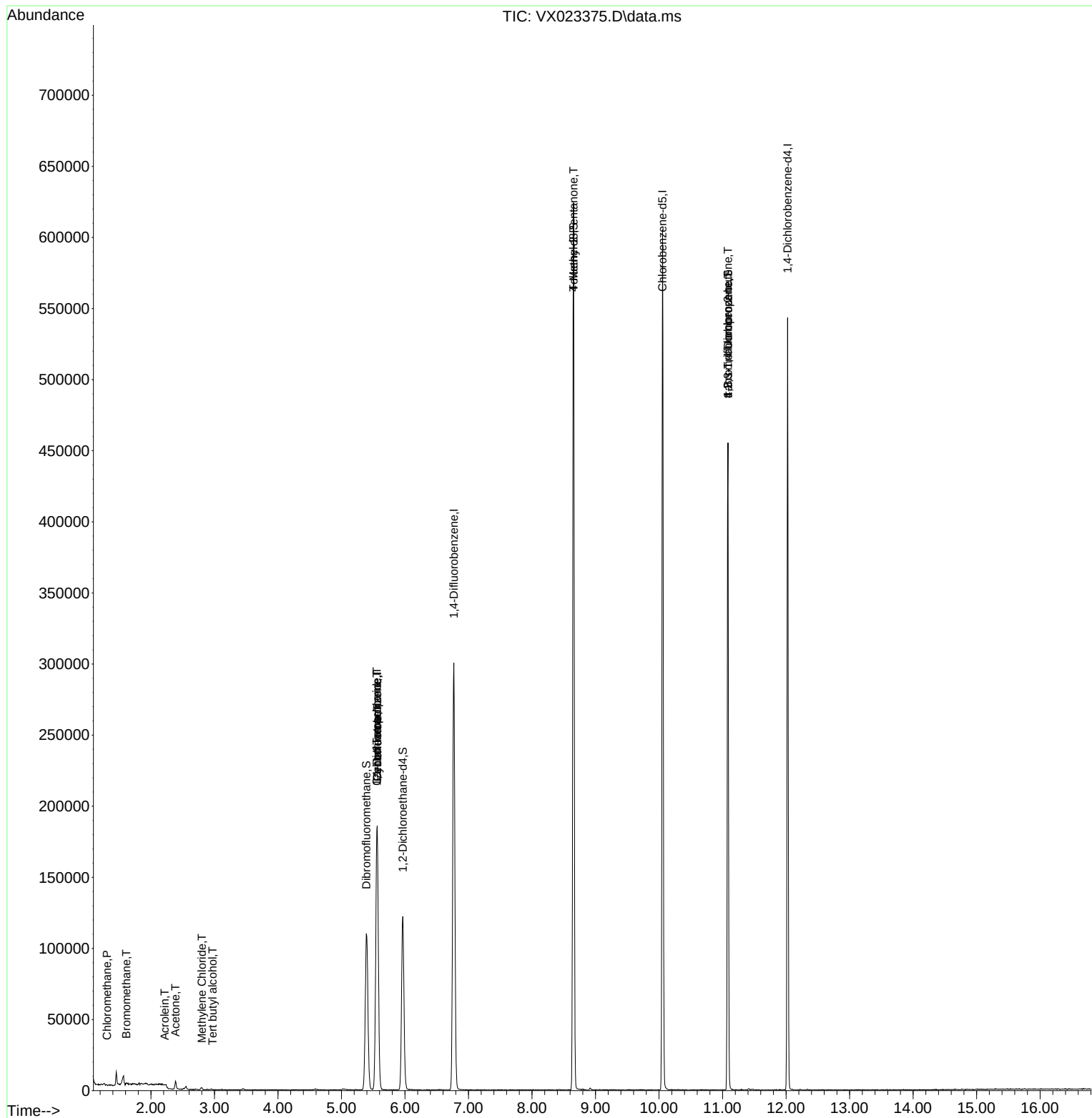
Internal Standards						
1) Pentafluorobenzene	5.562	168	182009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115889	51.043	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.080%			
35) Dibromofluoromethane	5.391	113	96979	50.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	8.653	98	364379	51.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.085	95	118048	48.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.920%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	449	0.230	ug/l #	69
5) Bromomethane	1.611	94	657	0.560	ug/l	96
11) Tert butyl alcohol	2.971	59	251	0.484	ug/l #	73
13) Acrolein	2.215	56	218	2.186	ug/l #	32
16) Acetone	2.386	43	5208	4.676	ug/l	91
20) Methylene Chloride	2.800	84	725	0.335	ug/l #	90
31) Cyclohexane	5.562	56	3687	1.096	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13750	4.924	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17793	6.266	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1665	0.499	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	59534	25.237	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59534	67.860	ug/l #	12

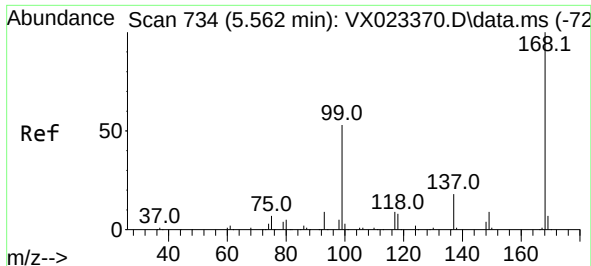
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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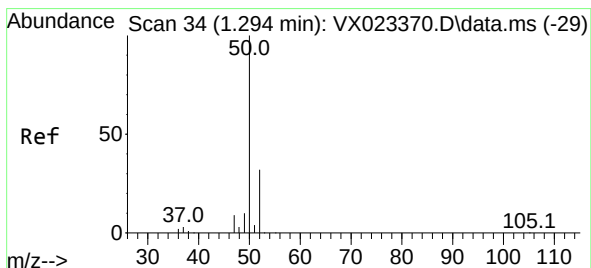
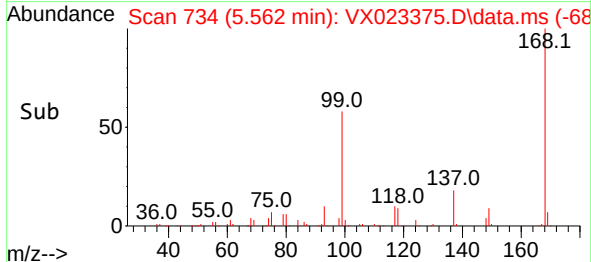
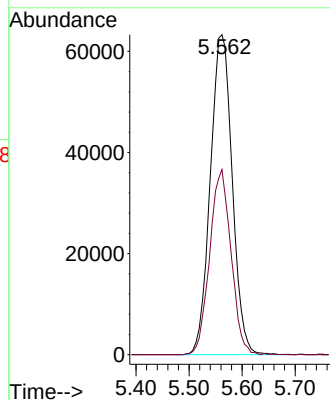
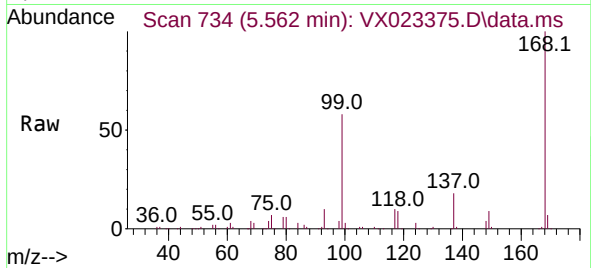




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

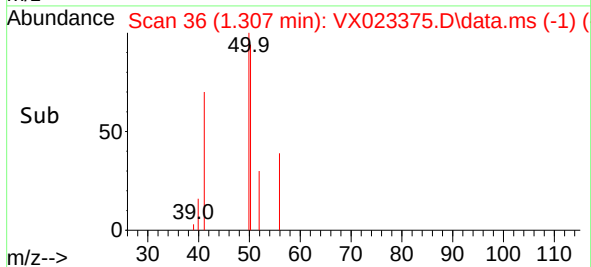
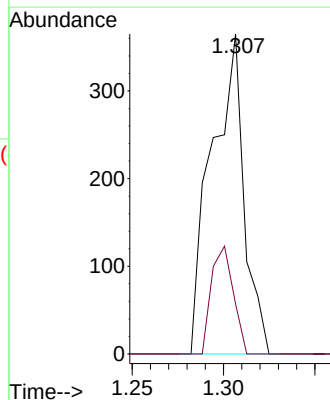
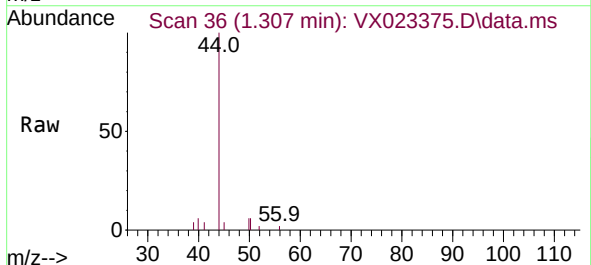
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

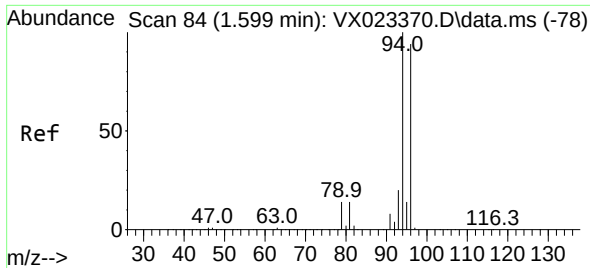
Tgt Ion:168 Resp: 182009
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.013 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 50 Resp: 449
Ion Ratio Lower Upper
50 100
52 15.6 26.4 39.6#

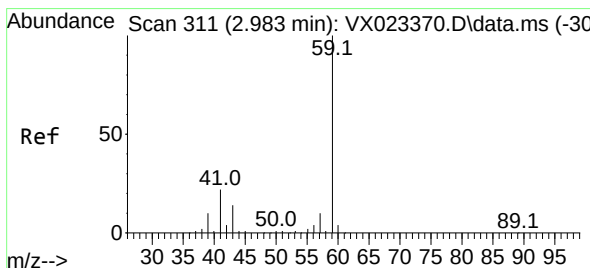
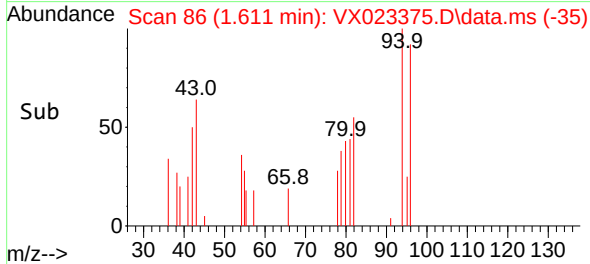
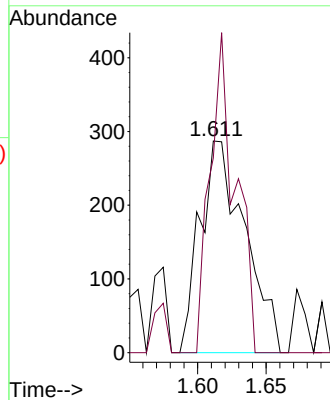
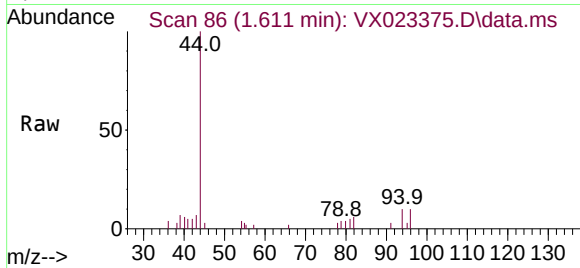




#5
Bromomethane
Concen: 0.560 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

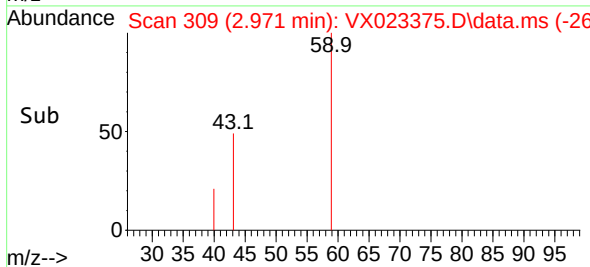
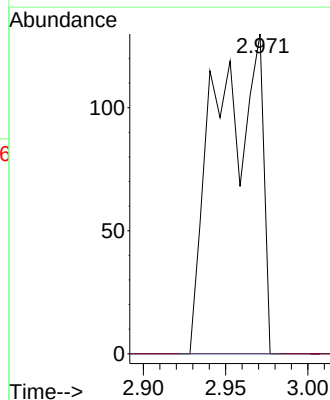
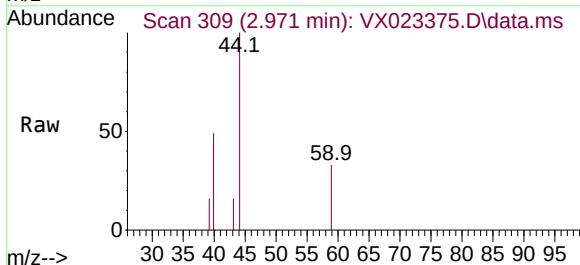
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

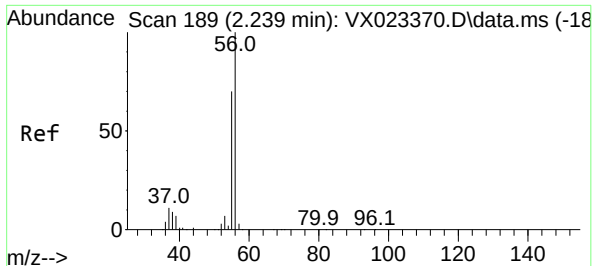
Tgt Ion: 94 Resp: 657
Ion Ratio Lower Upper
94 100
96 92.0 76.4 114.6



#11
Tert butyl alcohol
Concen: 0.484 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

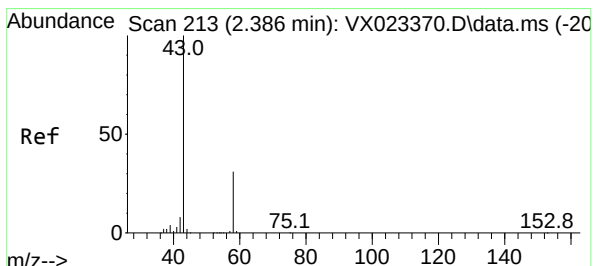
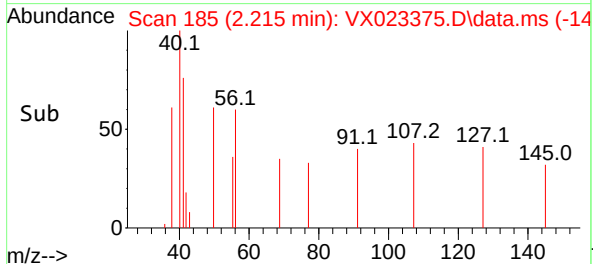
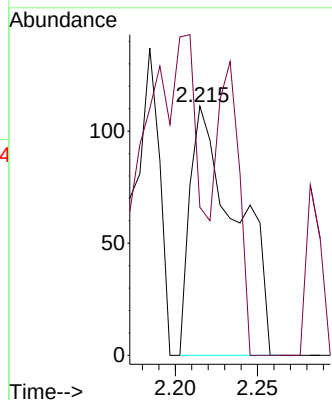
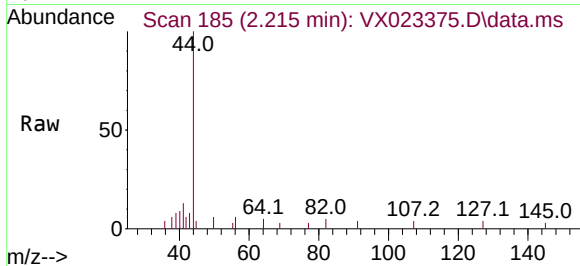




#13
Acrolein
Concen: 2.186 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

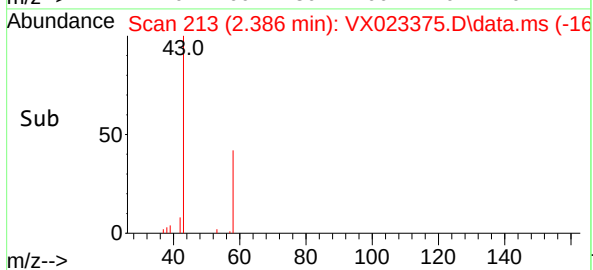
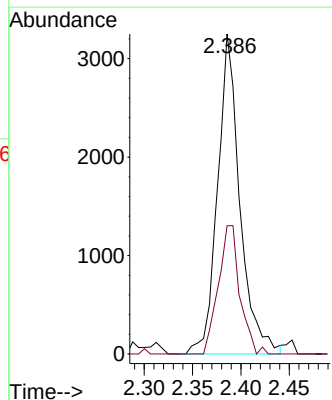
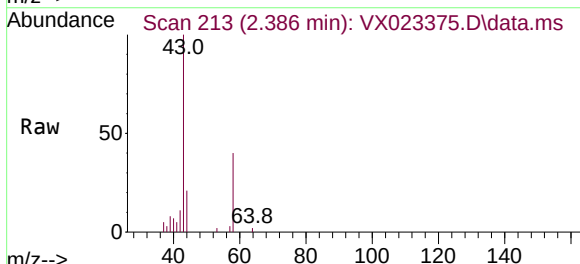
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

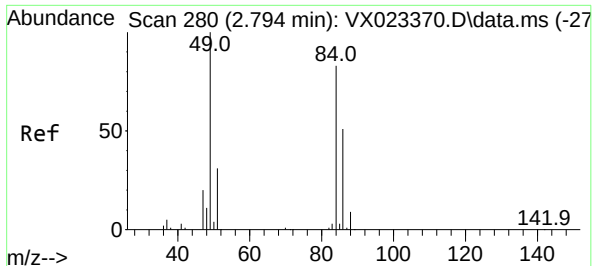
Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 126.1 56.4 84.6#



#16
Acetone
Concen: 4.676 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 43 Resp: 5208
Ion Ratio Lower Upper
43 100
58 40.0 27.8 41.8

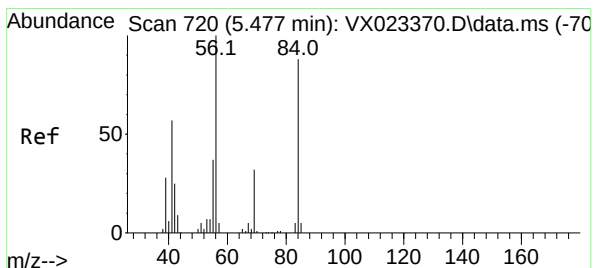
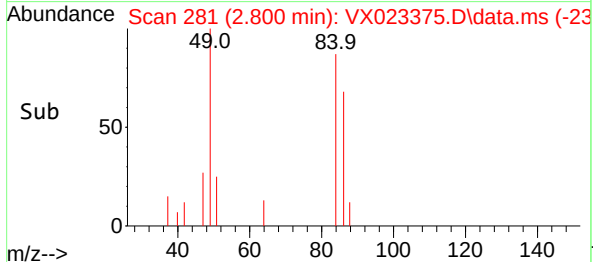
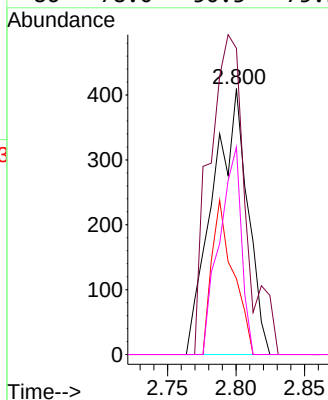
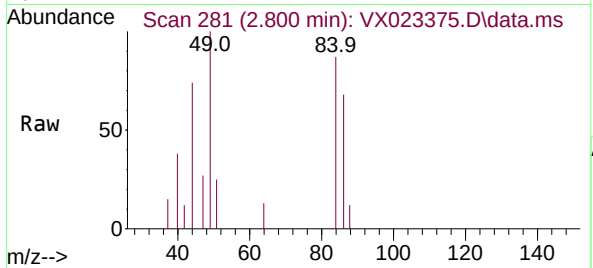




#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

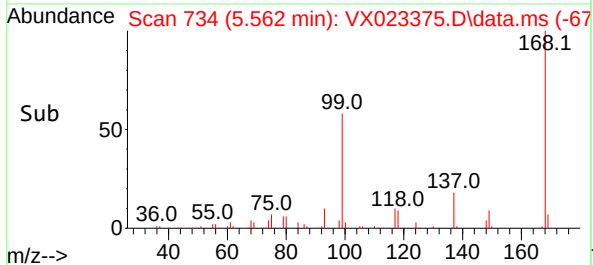
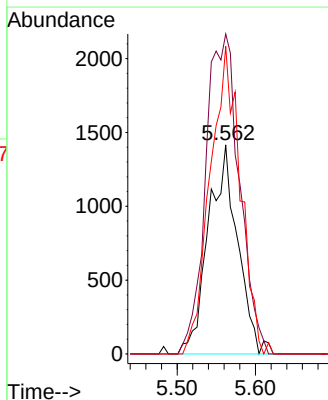
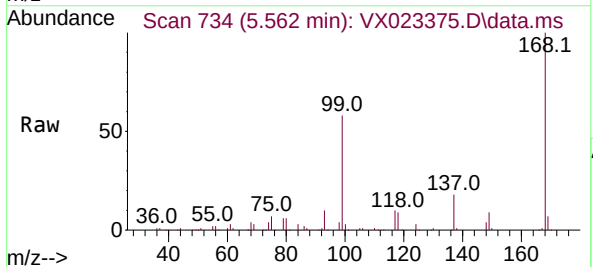
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

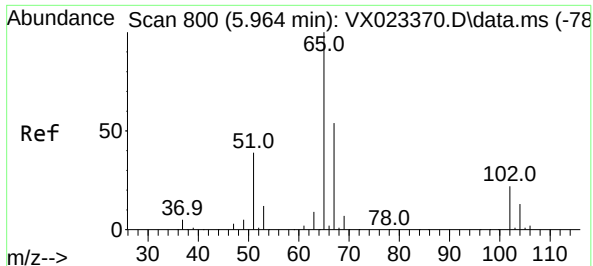
Tgt Ion:	84	Resp:	725
Ion	Ratio	Lower	Upper
84	100		
49	115.1	88.6	132.8
51	28.5	27.0	40.6
86	78.0	50.3	75.5#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion:	56	Resp:	3687
Ion	Ratio	Lower	Upper
56	100		
69	153.0	25.3	37.9#
84	147.2	71.4	107.0#



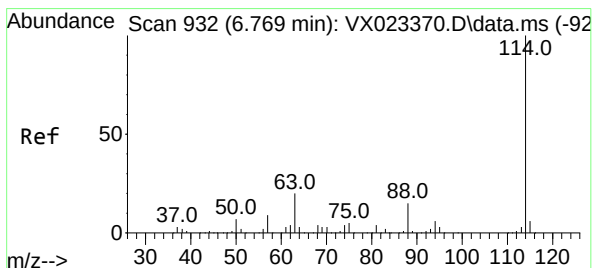
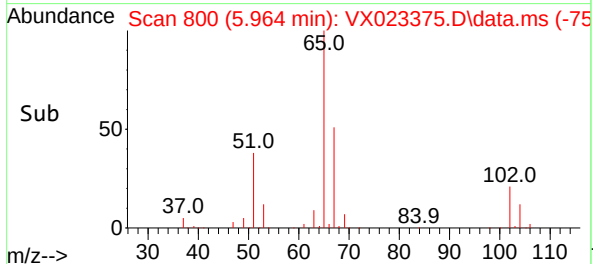
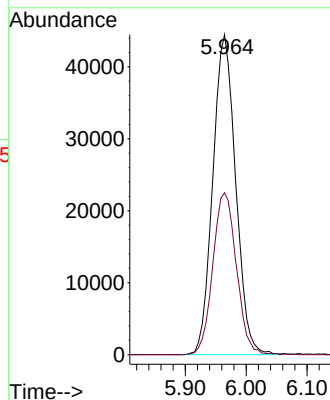
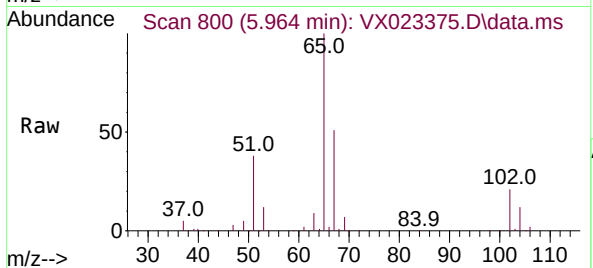


#33

1,2-Dichloroethane-d4
Concen: 51.043 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

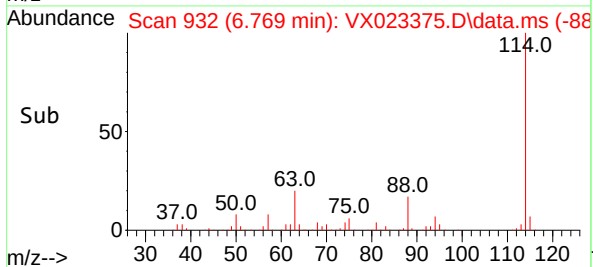
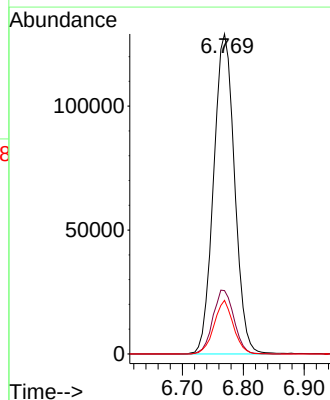
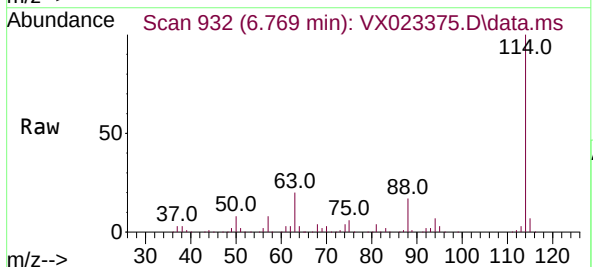
Tgt Ion: 65 Resp: 115889
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

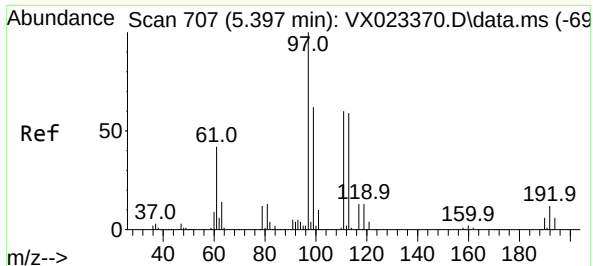


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 114 Resp: 308683
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.248 ug/l

RT: 5.391 min Scan# 706

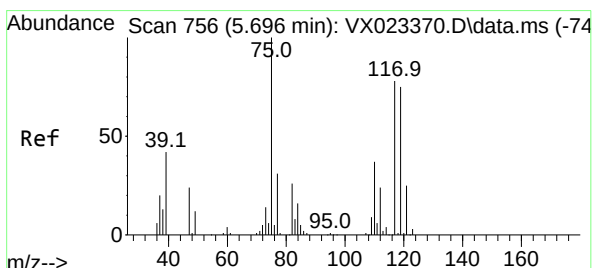
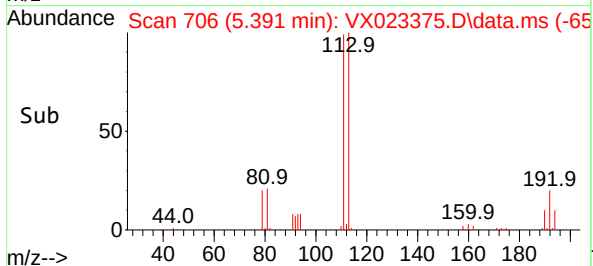
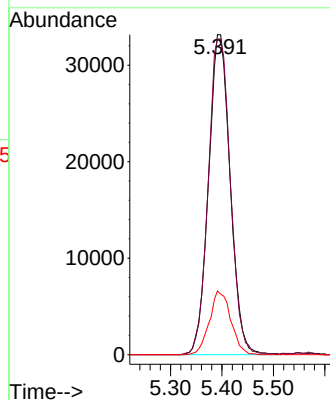
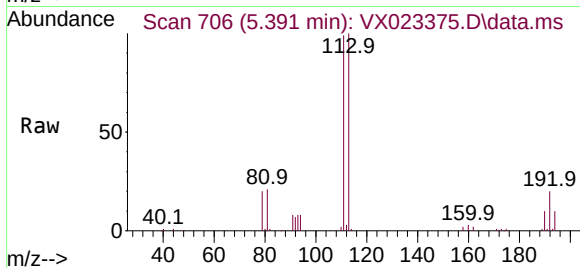
Delta R.T. -0.006 min

Lab File: VX023375.D

Acq: 22 Jul 2021 15:41

Tgt Ion:	113	Resp:	96979
Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	19.7	16.7	25.1

Instrument :
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ClientSampleId :
VX0722WBL01



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

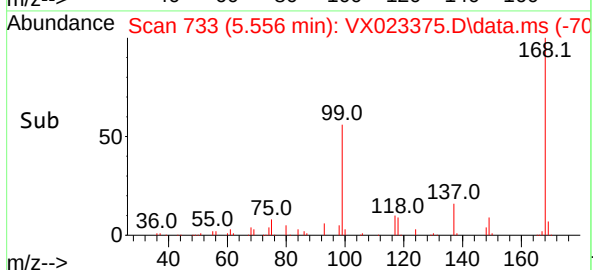
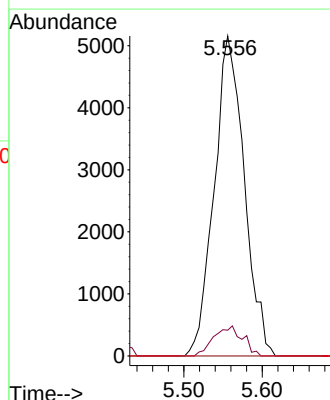
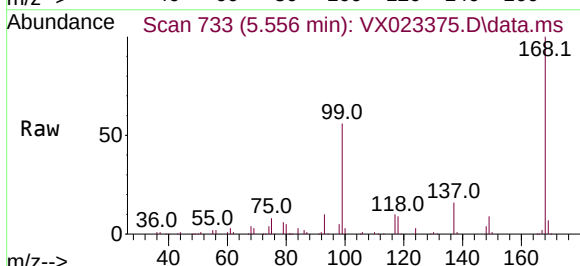
RT: 5.556 min Scan# 733

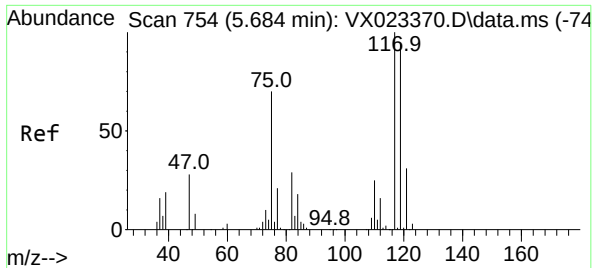
Delta R.T. -0.140 min

Lab File: VX023375.D

Acq: 22 Jul 2021 15:41

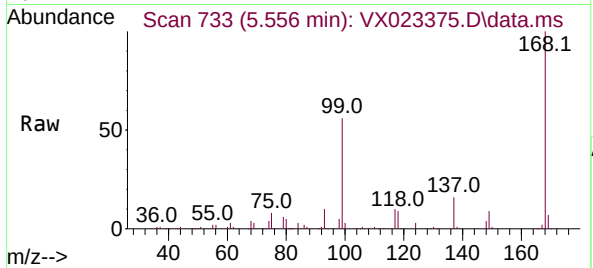
Tgt Ion:	75	Resp:	13750
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#



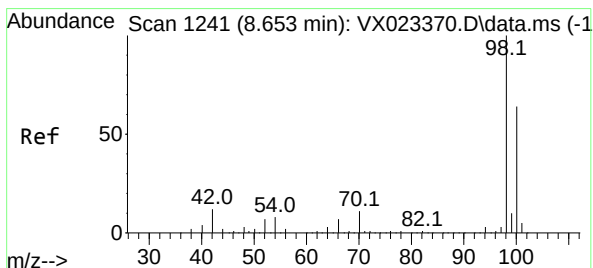
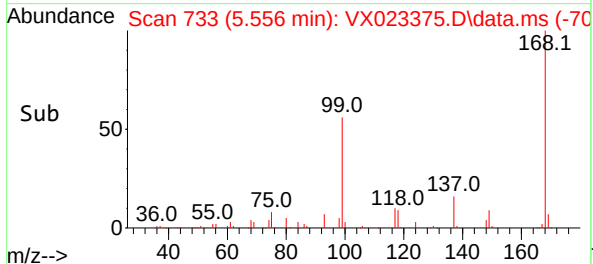
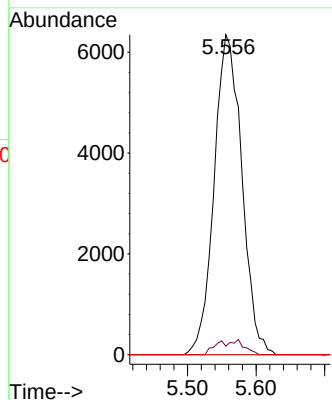


#38
Carbon Tetrachloride
Concen: 6.266 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

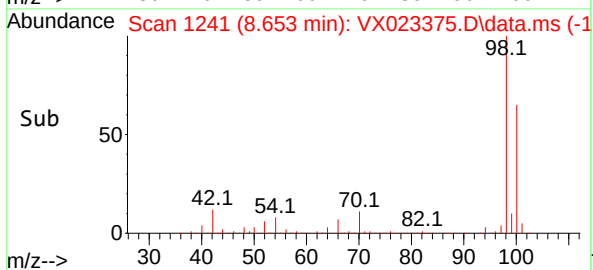
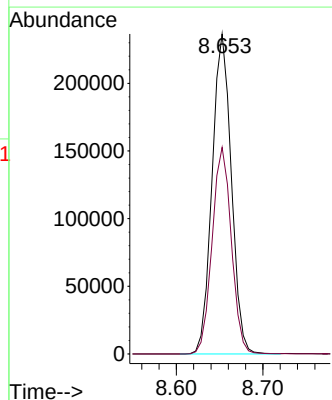
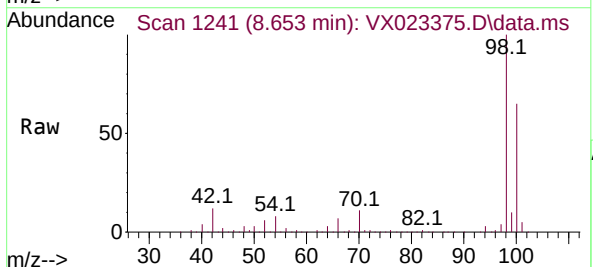


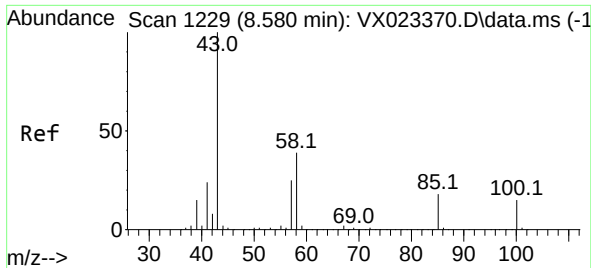
Tgt Ion:117 Resp: 17793
Ion Ratio Lower Upper
117 100
119 2.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.386 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 98 Resp: 364379
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

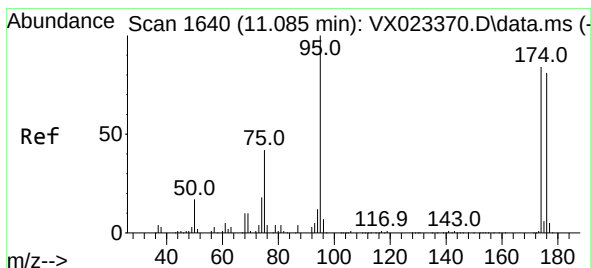
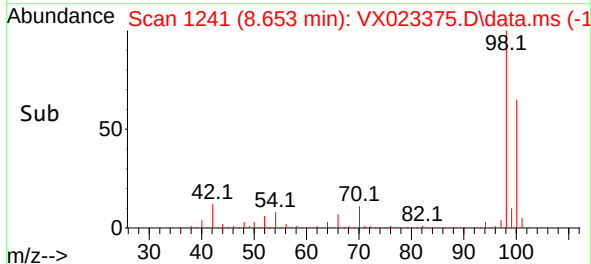
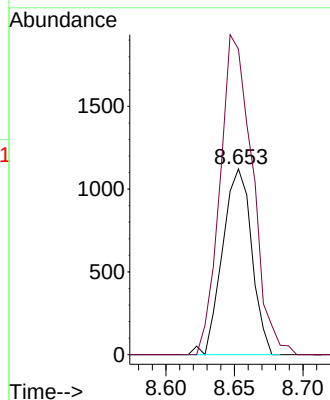
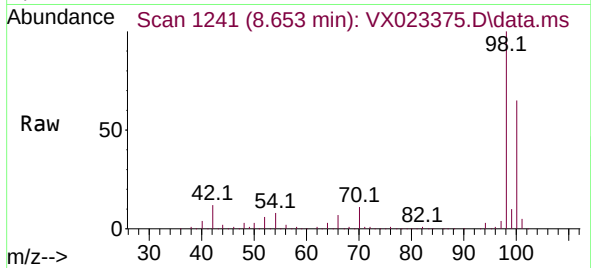




#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

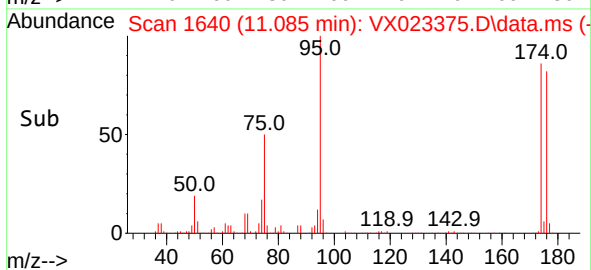
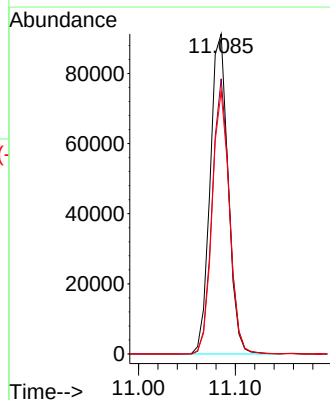
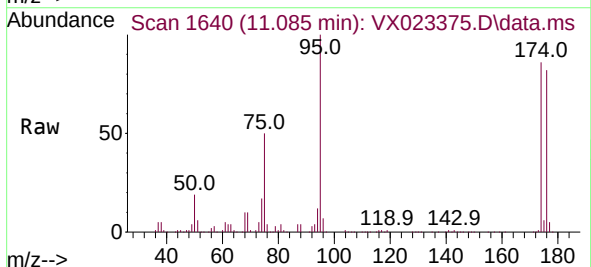
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

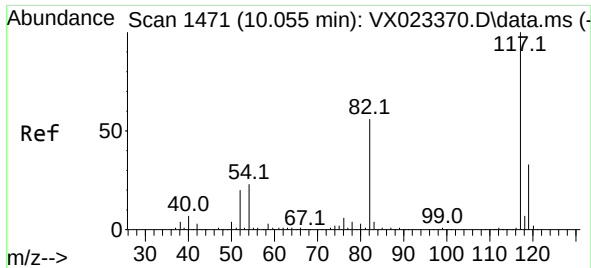
Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
58 190.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.958 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 95 Resp: 118048
Ion Ratio Lower Upper
95 100
174 82.2 0.0 154.6
176 79.4 0.0 155.8

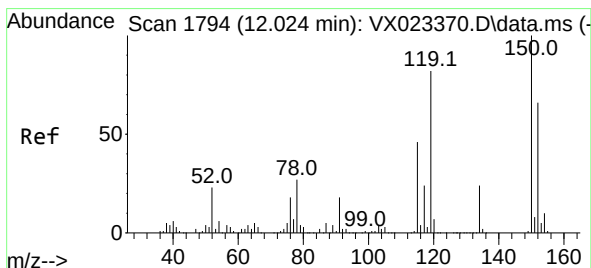
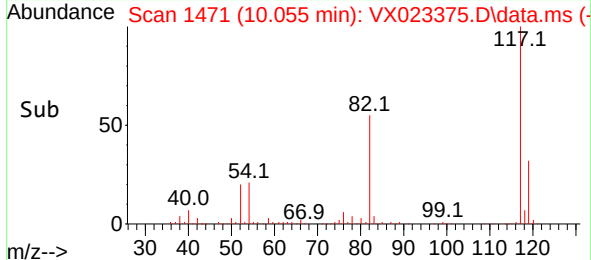
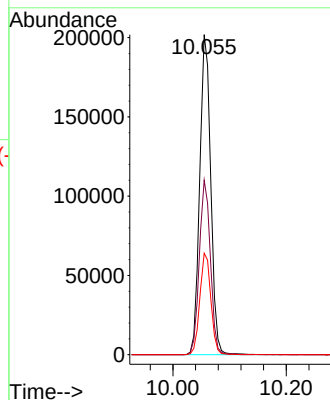
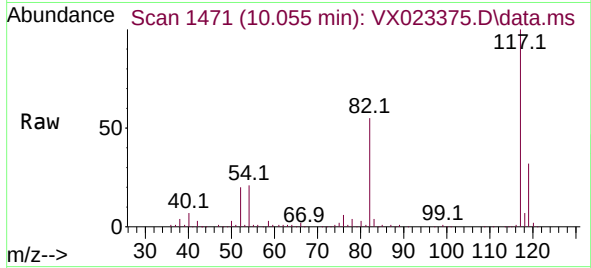




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

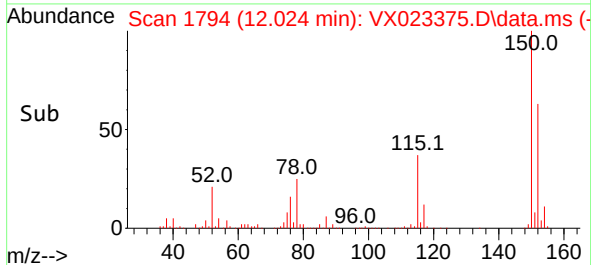
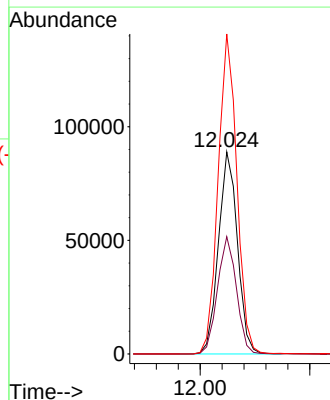
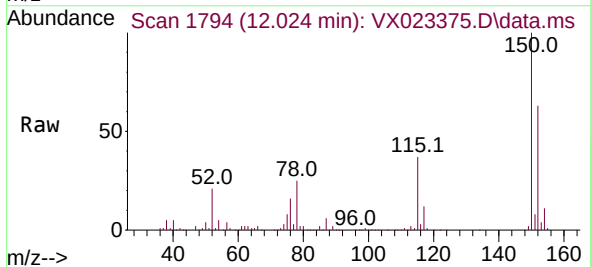
Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

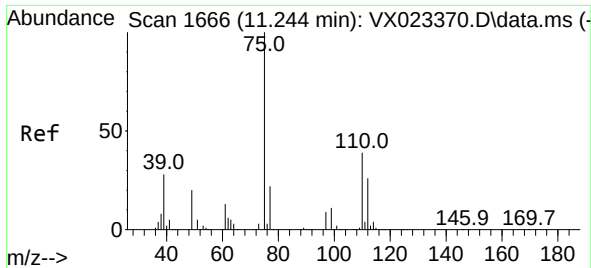
Tgt Ion:117 Resp: 271665
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion:152 Resp: 107198
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 156.2 0.0 349.0

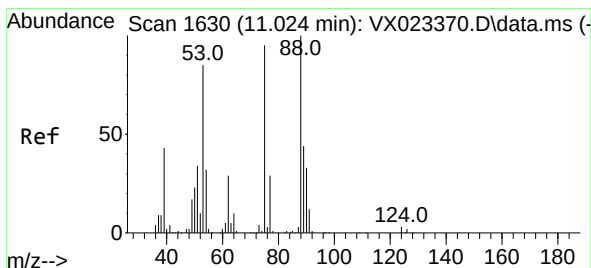
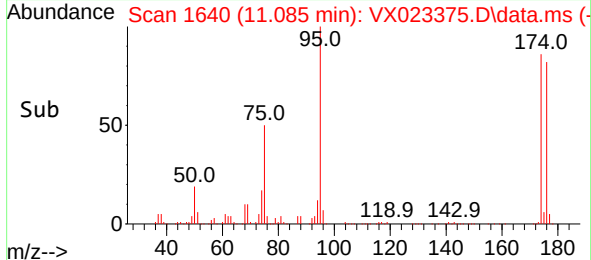
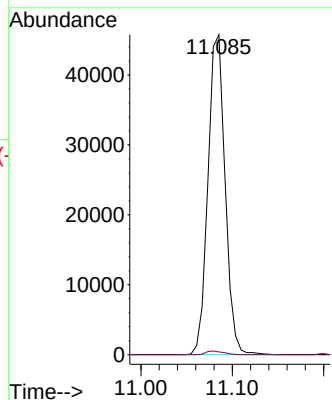
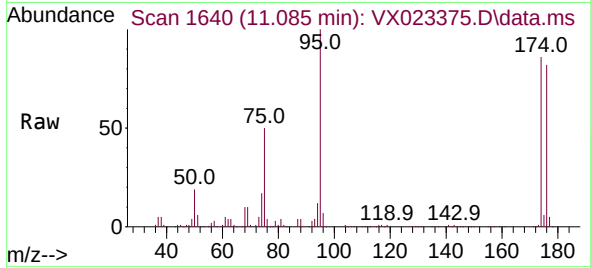




#76
1,2,3-Trichloropropane
Concen: 25.237 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBL01

Tgt Ion: 75 Resp: 59534
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.860 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023375.D
Acq: 22 Jul 2021 15:41

Tgt Ion: 75 Resp: 59534
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

