

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023441.D
 Acq On : 26 Jul 2021 11:09
 Operator : JC/MD
 Sample : VX0726WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:26:06 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)

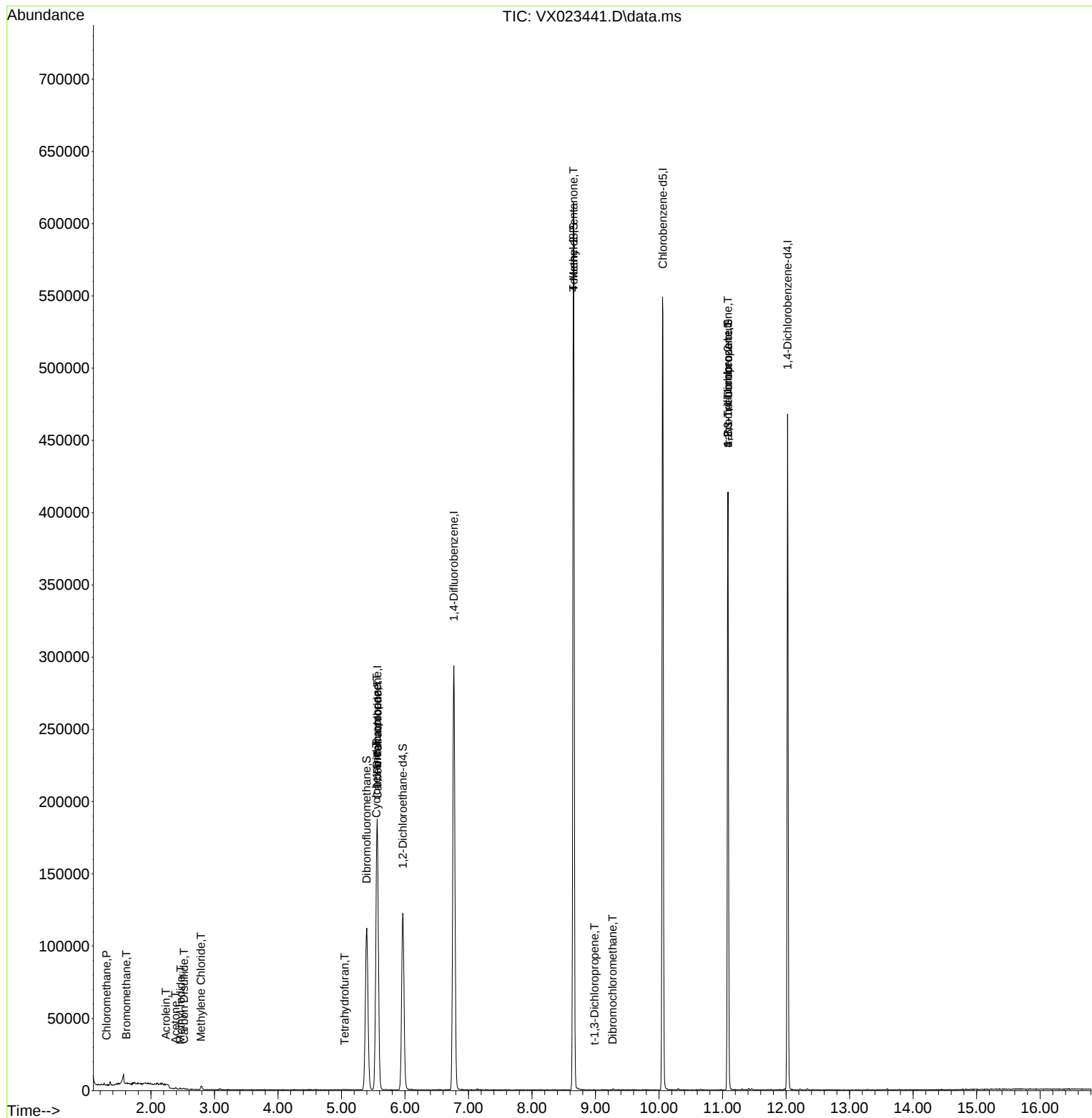
Internal Standards						
1) Pentafluorobenzene	5.562	168	177265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	301882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	254026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116614	52.74	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 105.48%		
35) Dibromofluoromethane	5.397	113	96000	50.86	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 101.72%		
50) Toluene-d8	8.653	98	356068	51.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 102.70%		
62) 4-Bromofluorobenzene	11.085	95	104412	44.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 88.56%		
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	504	0.27	ug/l #	73
5) Bromomethane	1.611	94	772	0.68	ug/l #	67
10) Methyl Iodide	2.465	142	804	0.37	ug/l	96
13) Acrolein	2.233	56	52	1.57	ug/l #	1
16) Acetone	2.386	43	1080	1.00	ug/l	88
17) Carbon Disulfide	2.520	76	1070	0.25	ug/l #	83
20) Methylene Chloride	2.788	84	1143	0.54	ug/l #	71
29) Tetrahydrofuran	5.050	42	248	0.22	ug/l #	27
31) Cyclohexane	5.550	56	4015	1.23	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	13946	5.11	ug/l #	48
38) Carbon Tetrachloride	5.568	117	17337	6.24	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1734	0.53	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	101	1.85	ug/l #	44
60) Dibromochloromethane	9.269	129	114	2.03	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53848	26.28	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53848	70.66	ug/l #	12

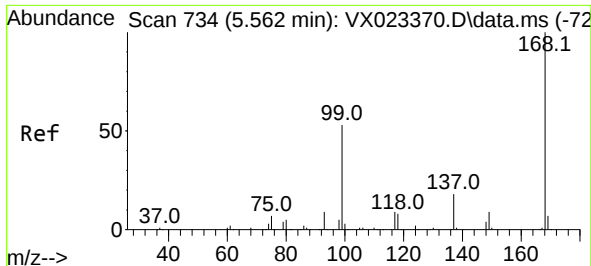
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
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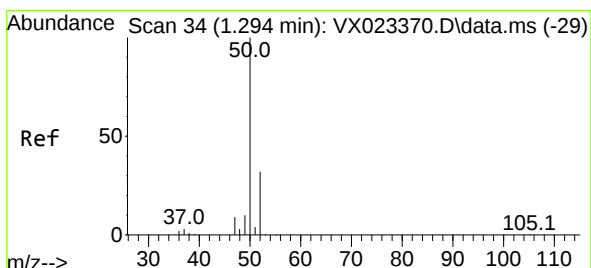
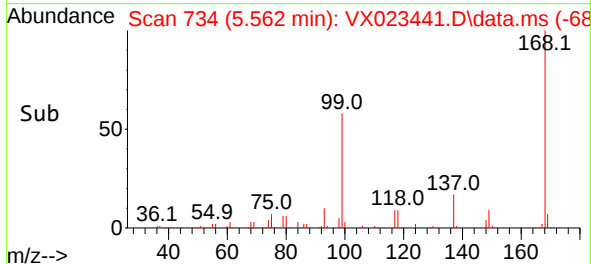
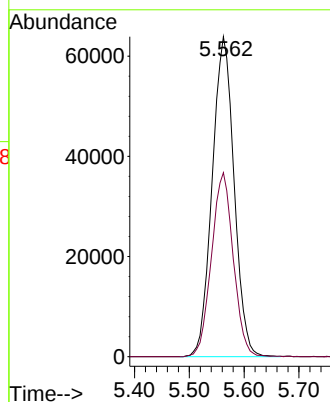
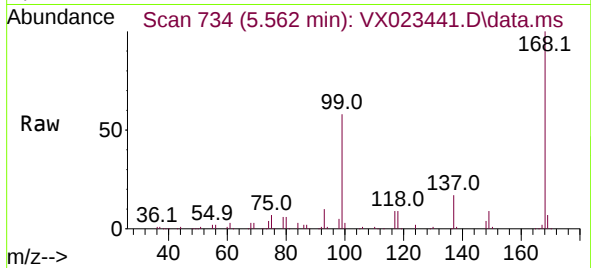




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

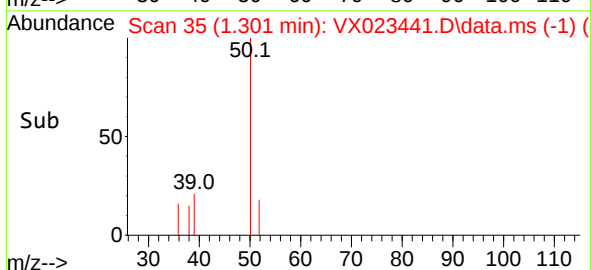
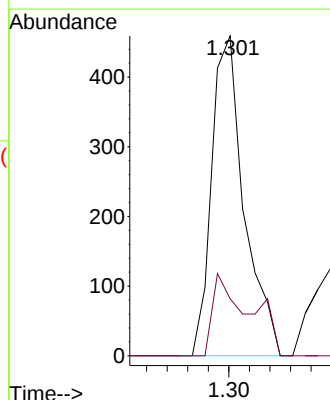
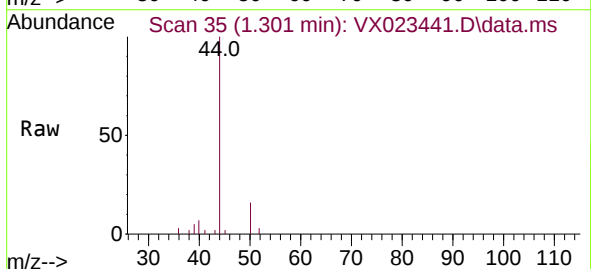
Instrument :
MSVOA_X
ClientSampleId :

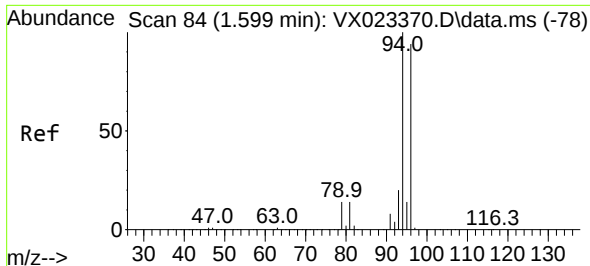
Tgt Ion:168 Resp: 177265
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 50 Resp: 504
Ion Ratio Lower Upper
50 100
52 17.9 26.4 39.6#

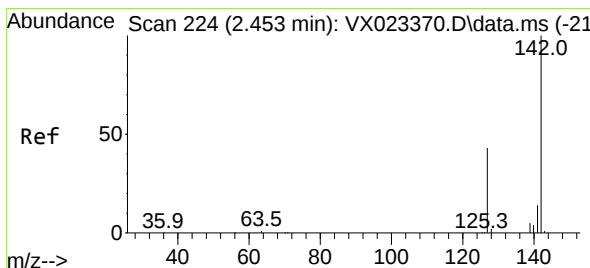
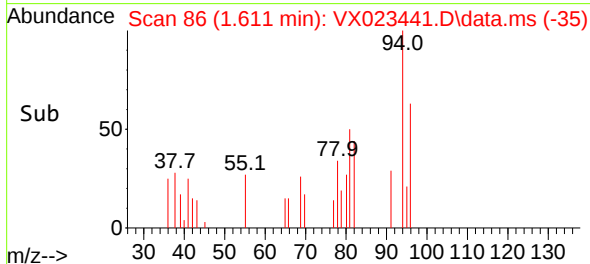
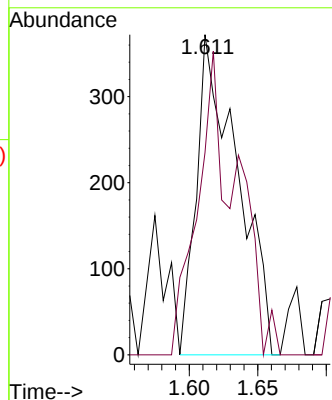
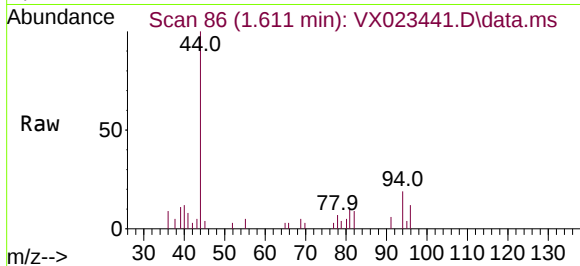




#5
Bromomethane
Concen: 0.68 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

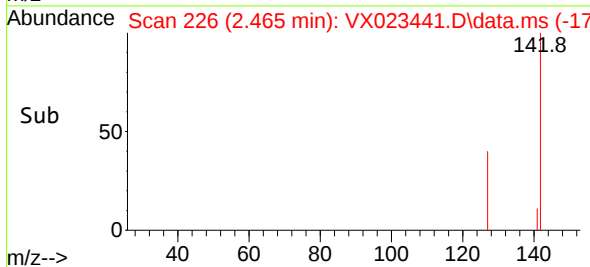
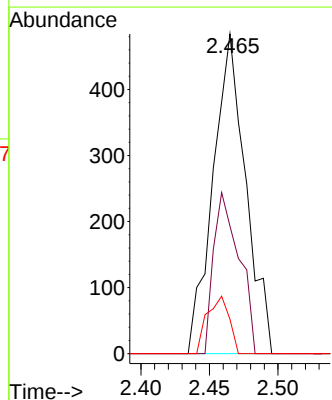
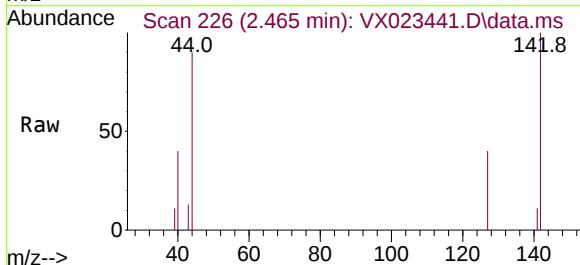
Instrument :
MSVOA_X
ClientSampleId :

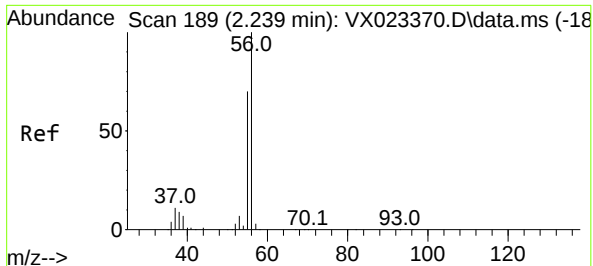
Tgt Ion: 94 Resp: 772
Ion Ratio Lower Upper
94 100
96 63.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 142 Resp: 804
Ion Ratio Lower Upper
142 100
127 39.4 33.3 49.9
141 12.1 11.4 17.0

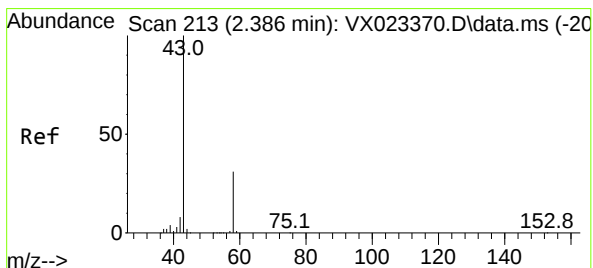
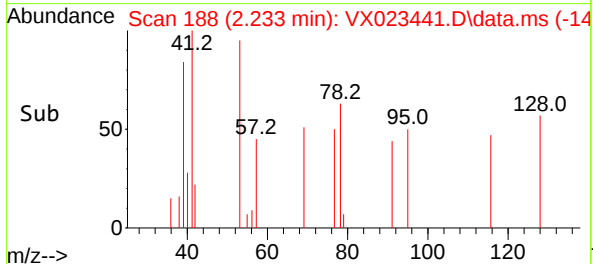
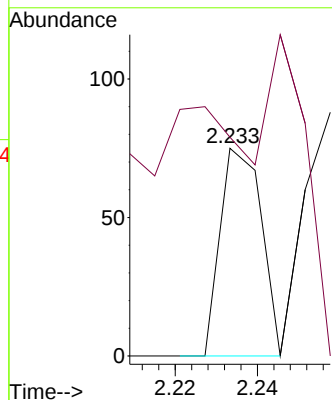
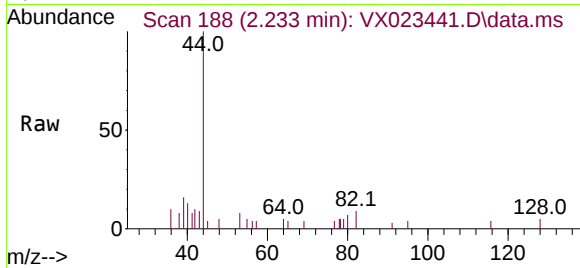




#13
Acrolein
Concen: 1.57 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

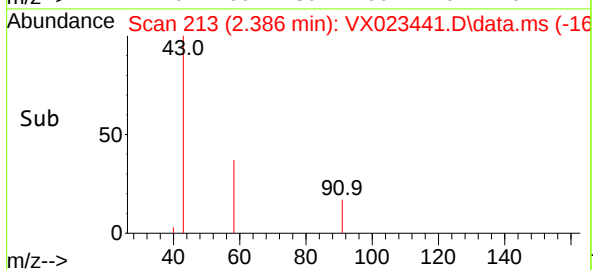
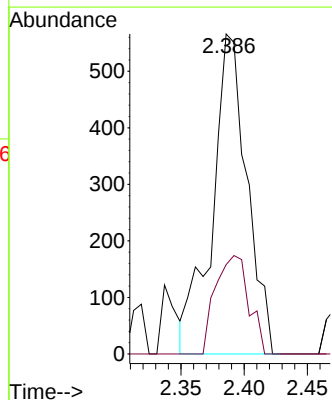
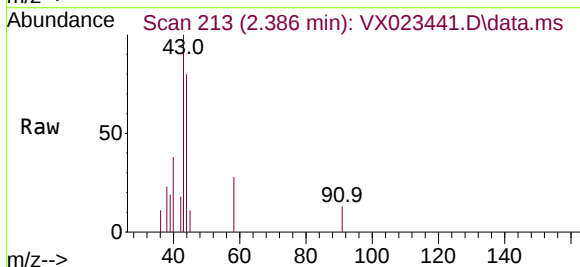
Instrument :
MSVOA_X
ClientSampleId :

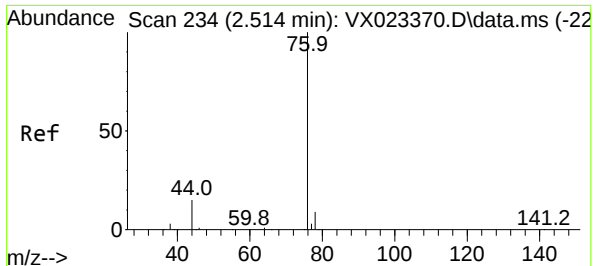
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 230.8 56.4 84.6#



#16
Acetone
Concen: 1.00 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8

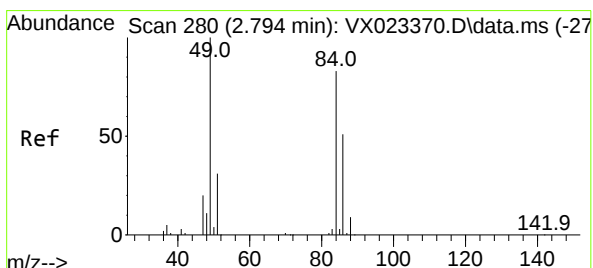
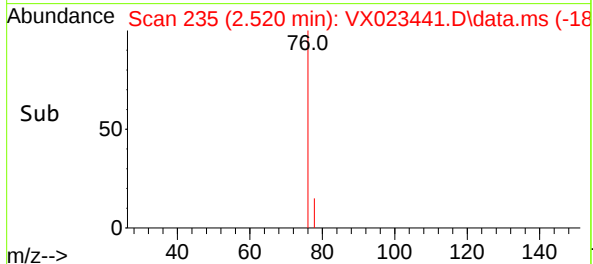
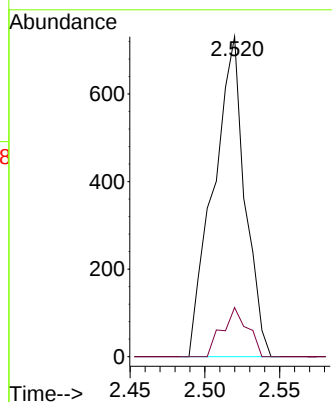
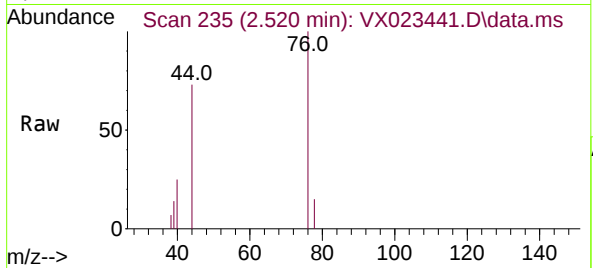




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

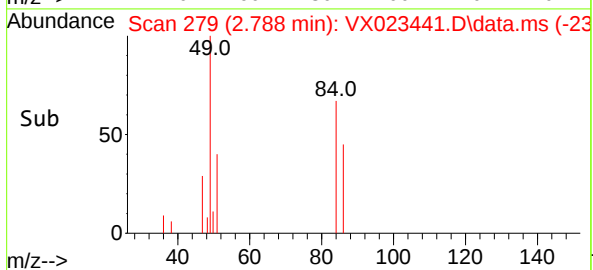
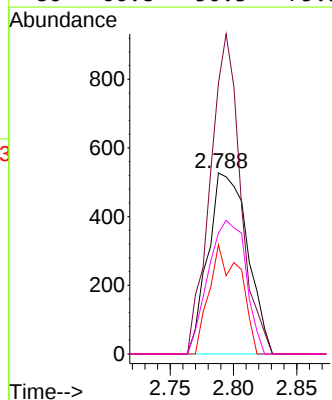
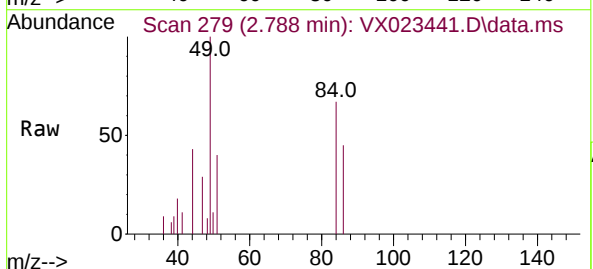
Instrument :
MSVOA_X
ClientSampleId :

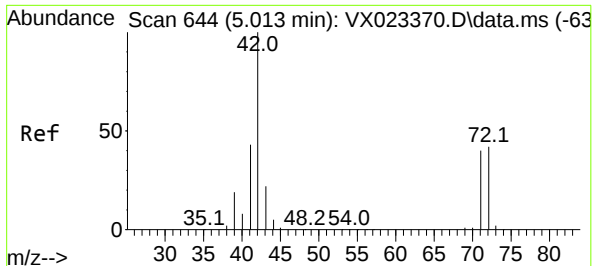
Tgt Ion: 76 Resp: 1070
Ion Ratio Lower Upper
76 100
78 15.3 7.2 10.8#



#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 84 Resp: 1143
Ion Ratio Lower Upper
84 100
49 149.5 88.6 132.8#
51 60.3 27.0 40.6#
86 66.8 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.050 min Scan# 650

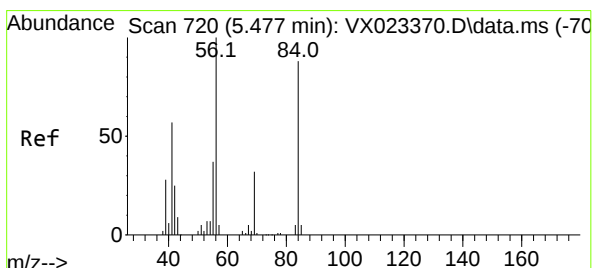
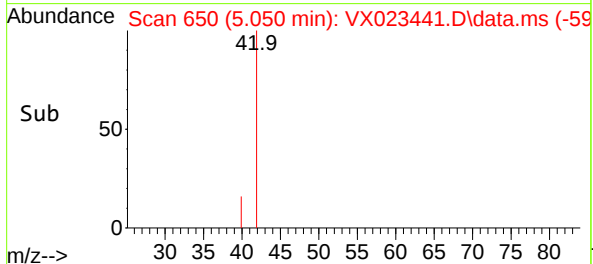
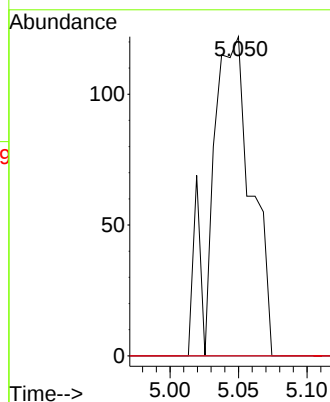
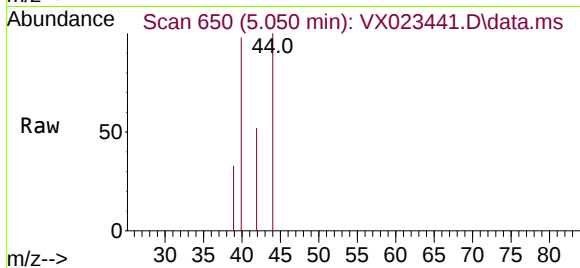
Delta R.T. 0.037 min

Lab File: VX023441.D

Acq: 26 Jul 2021 11:09

Tgt Ion:	42	Resp:	248
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.23 ug/l

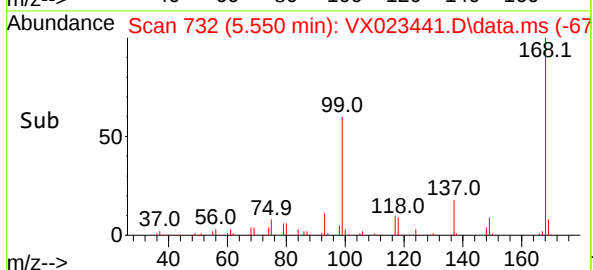
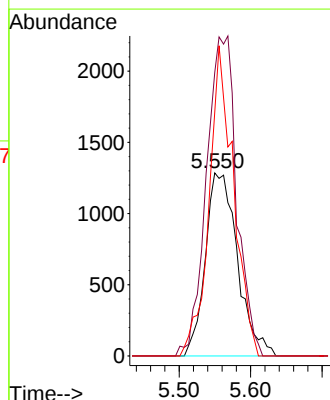
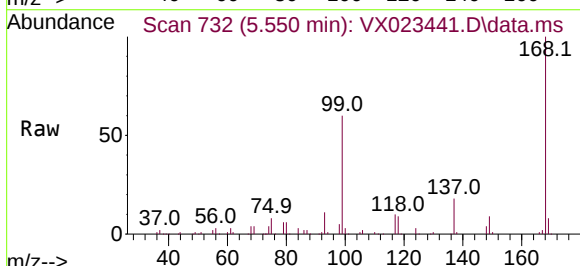
RT: 5.550 min Scan# 732

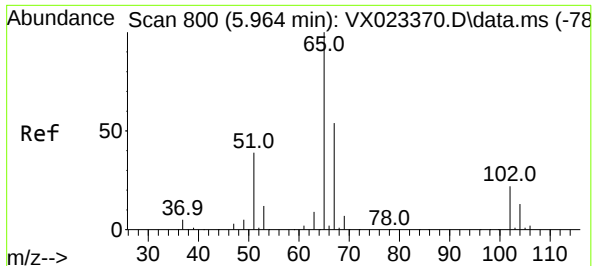
Delta R.T. 0.073 min

Lab File: VX023441.D

Acq: 26 Jul 2021 11:09

Tgt Ion:	56	Resp:	4015
Ion	Ratio	Lower	Upper
56	100		
69	154.8	25.3	37.9#
84	133.1	71.4	107.0#

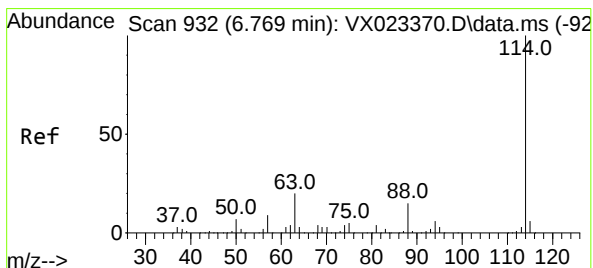
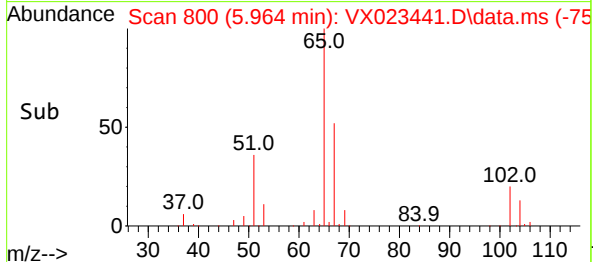
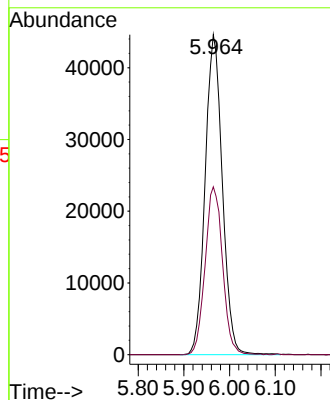
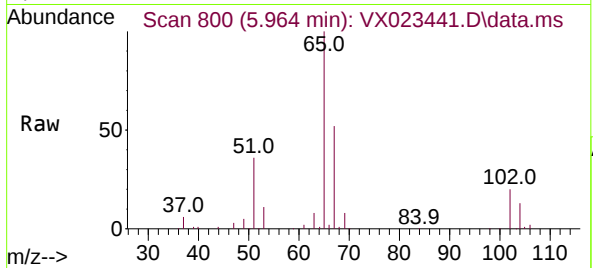




#33
 1,2-Dichloroethane-d4
 Concen: 52.74 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023441.D
 Acq: 26 Jul 2021 11:09

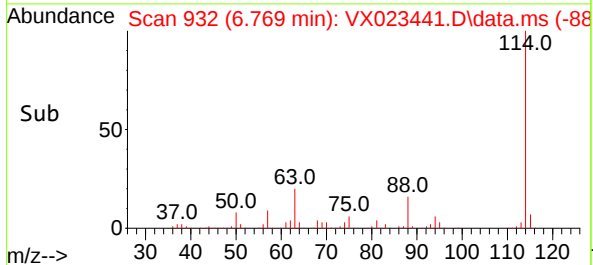
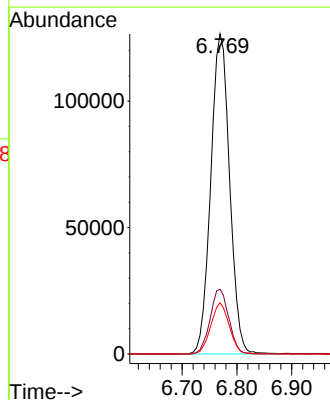
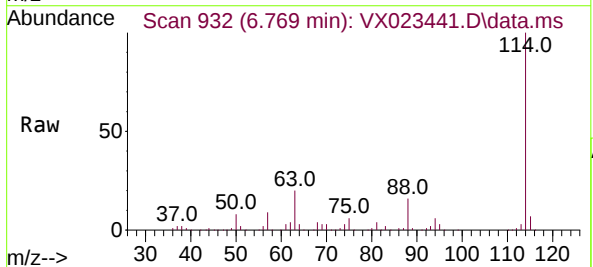
Instrument :
 MSVOA_X
 ClientSampleId :

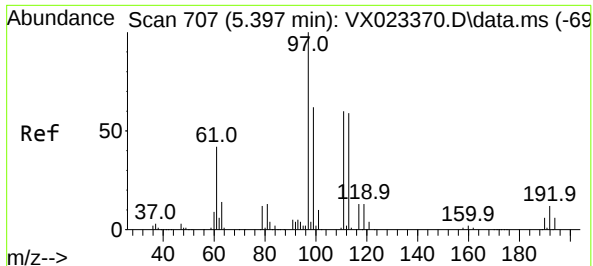
Tgt Ion: 65 Resp: 116614
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023441.D
 Acq: 26 Jul 2021 11:09

Tgt Ion: 114 Resp: 301882
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.0 0.0 32.8

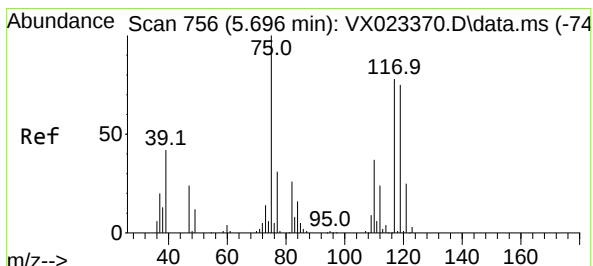
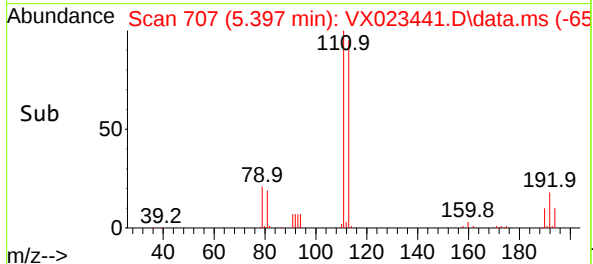
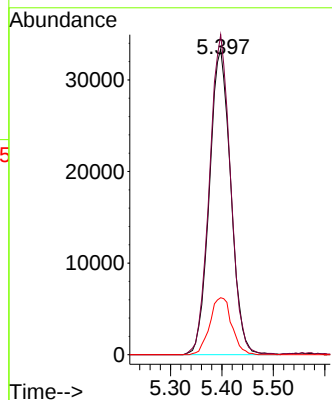
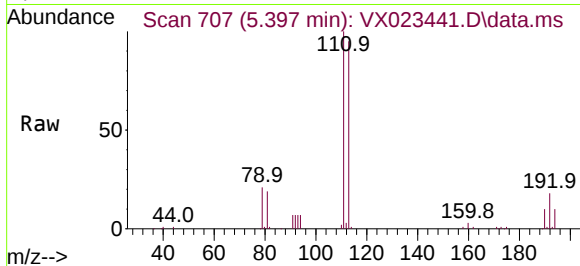




#35
Dibromofluoromethane
Concen: 50.86 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

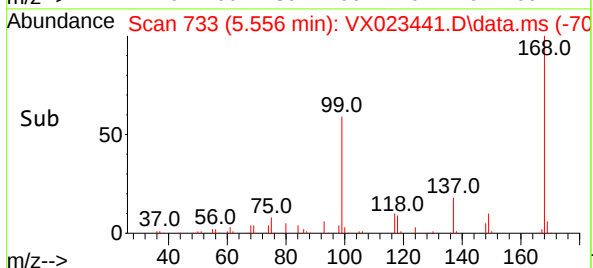
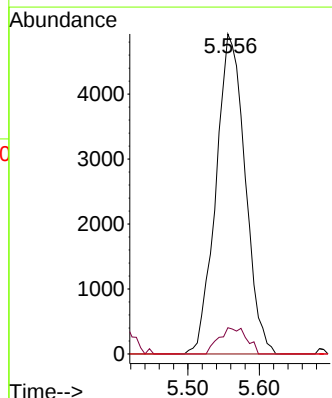
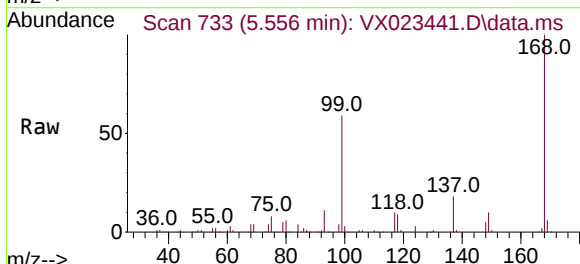
Instrument :
MSVOA_X
ClientSampleId :

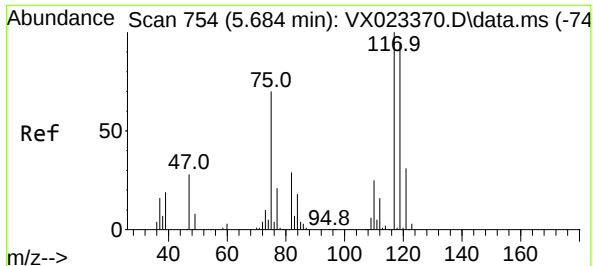
Tgt Ion:113 Resp: 96000
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

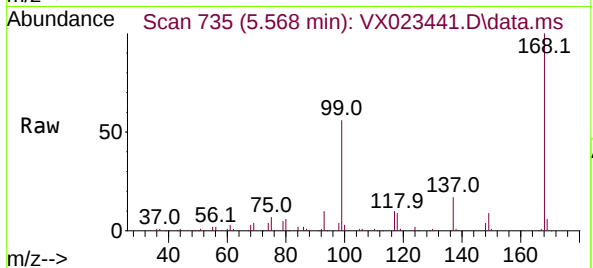
Tgt Ion: 75 Resp: 13946
Ion Ratio Lower Upper
75 100
110 7.8 18.1 54.4#
77 0.0 25.3 37.9#



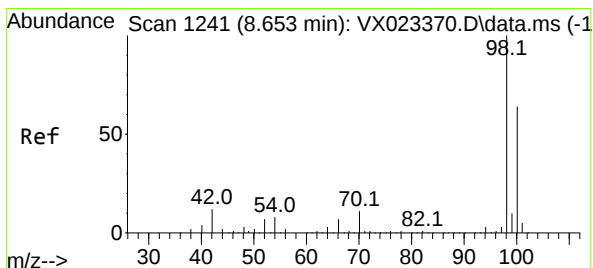
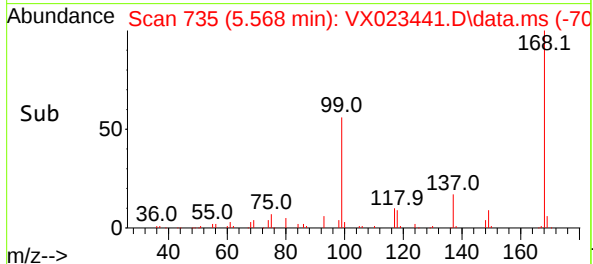
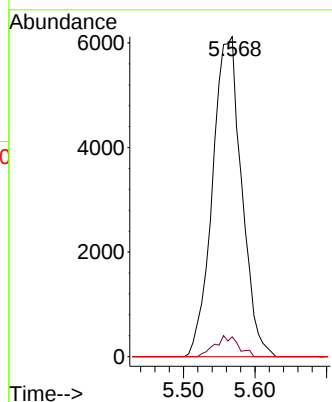


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Instrument :
MSVOA_X
ClientSampleId :

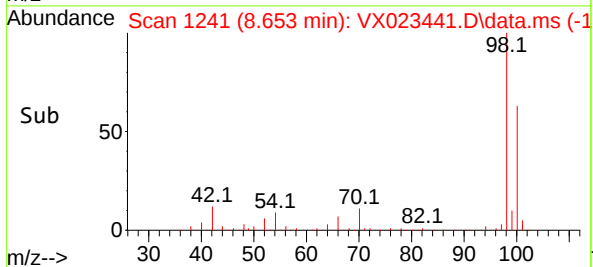
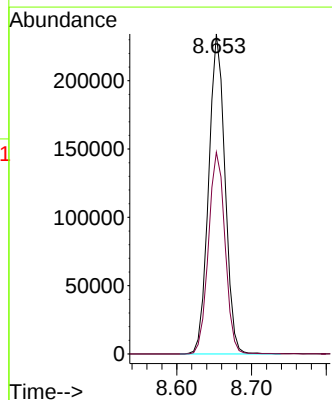
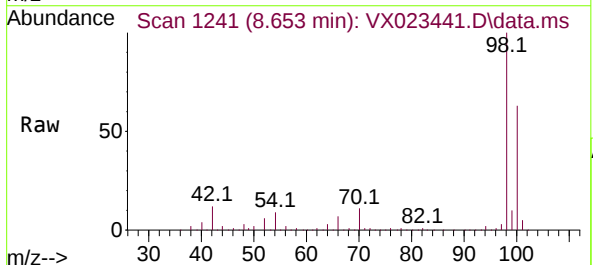


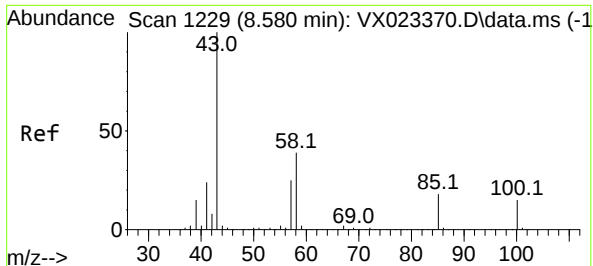
Tgt Ion:117 Resp: 17337
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 98 Resp: 356068
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

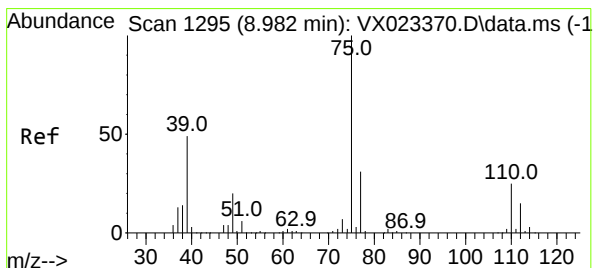
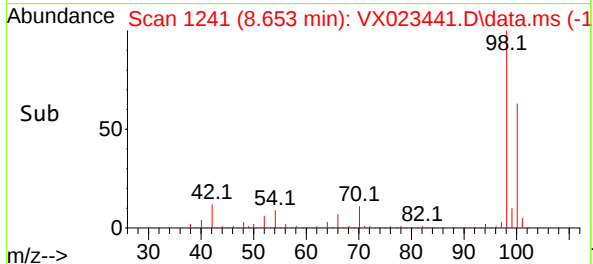
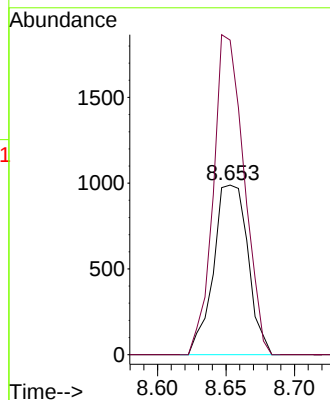
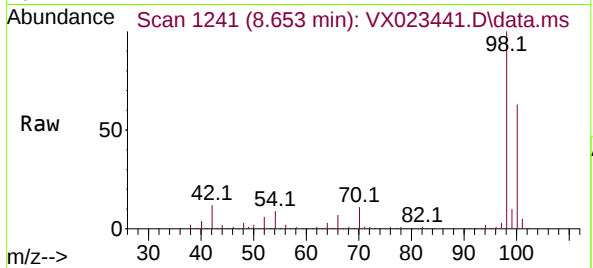




#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

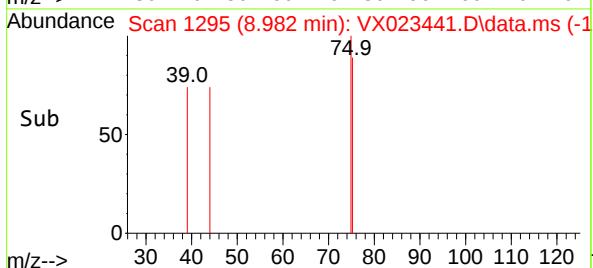
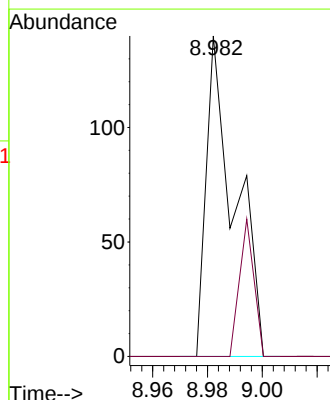
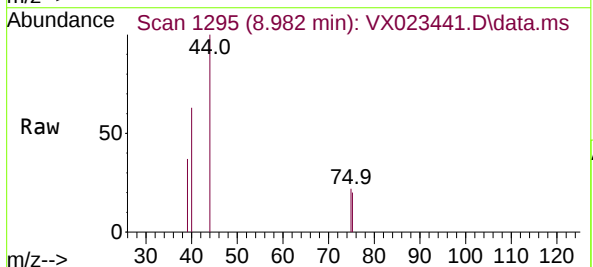
Instrument :
MSVOA_X
ClientSampled :

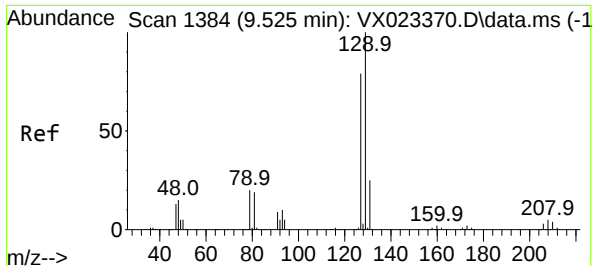
Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 167.9 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.85 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

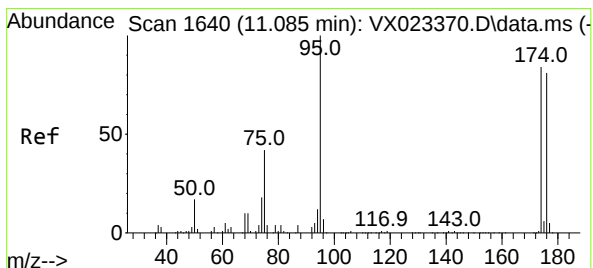
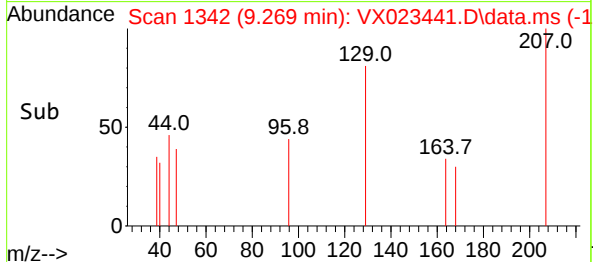
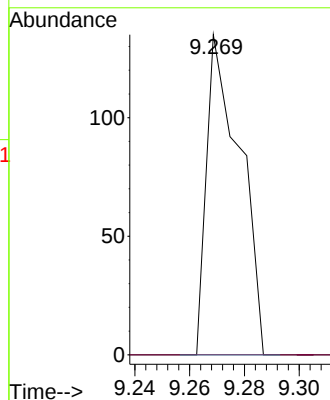
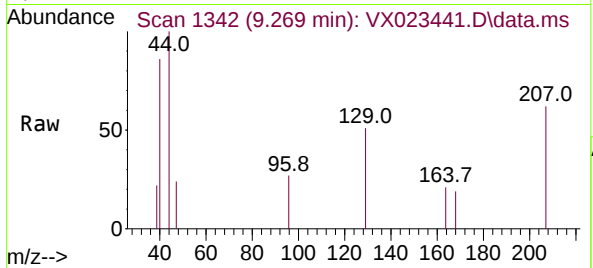




#60
Dibromochloromethane
Concen: 2.03 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

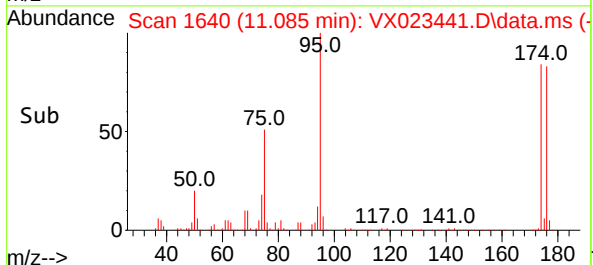
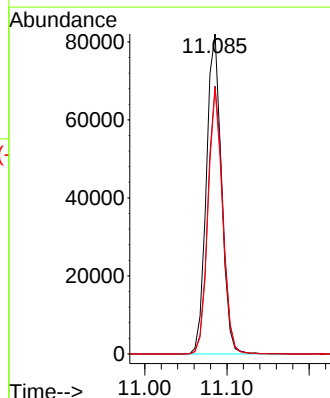
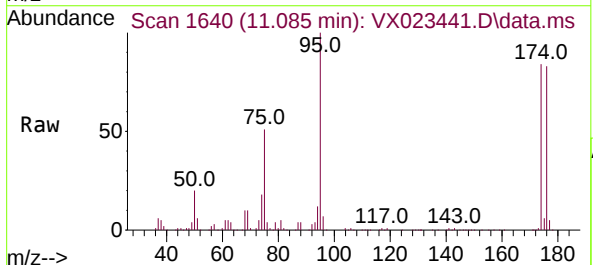
Instrument :
MSVOA_X
ClientSampled :

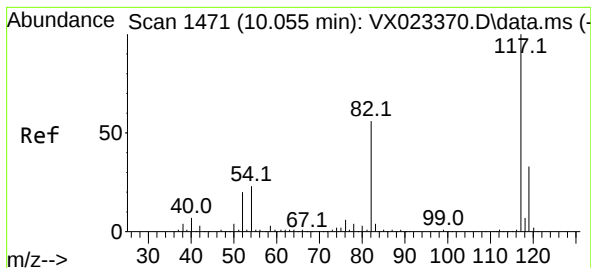
Tgt Ion:129 Resp: 114
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 95 Resp: 104412
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 79.5 0.0 155.8

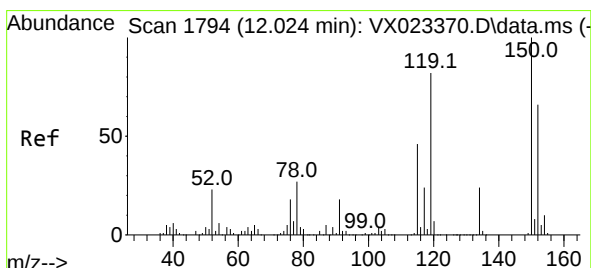
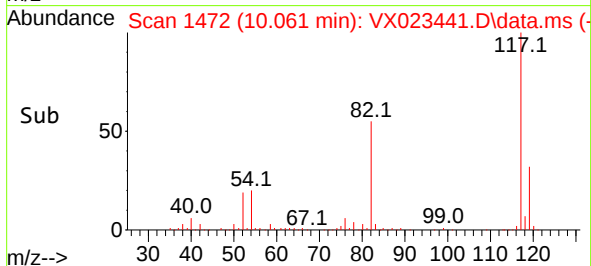
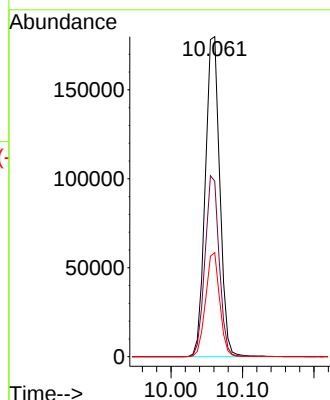
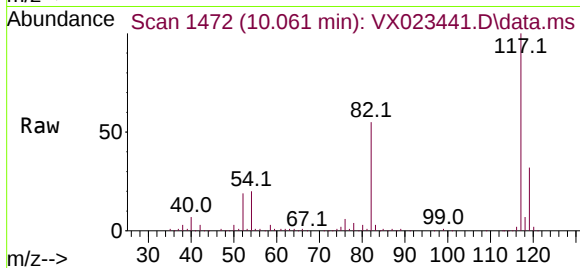




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

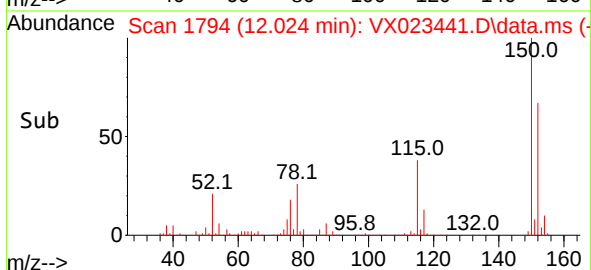
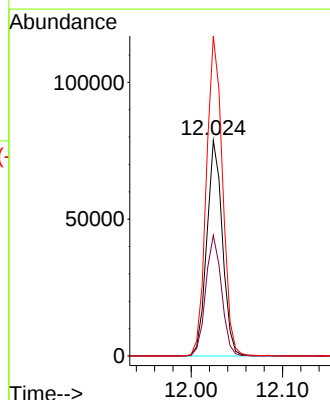
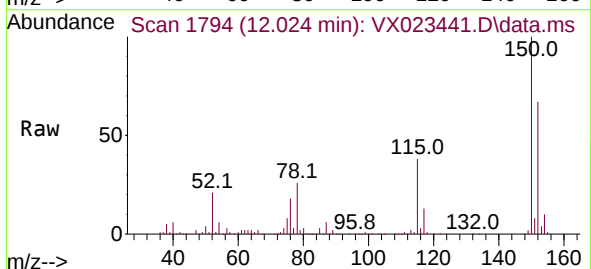
Instrument :
MSVOA_X
ClientSampleId :

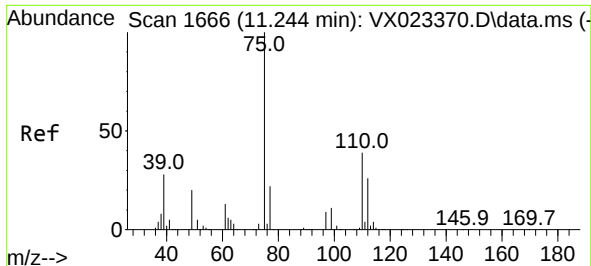
Tgt Ion:117 Resp: 254026
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion:152 Resp: 93115
Ion Ratio Lower Upper
152 100
115 56.6 41.1 123.3
150 153.2 0.0 349.0

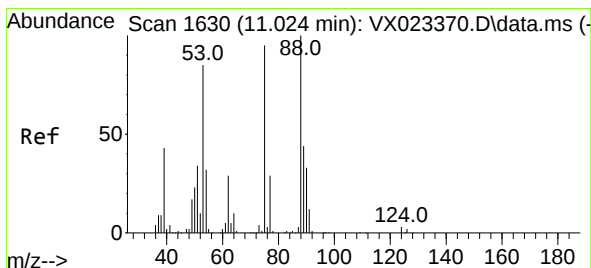
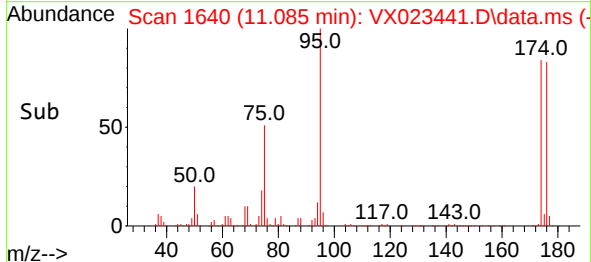
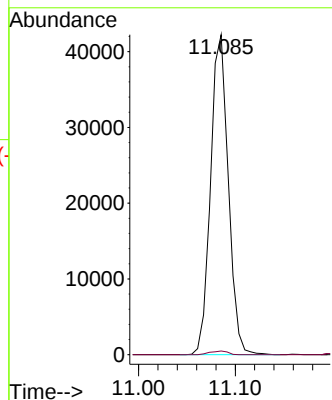
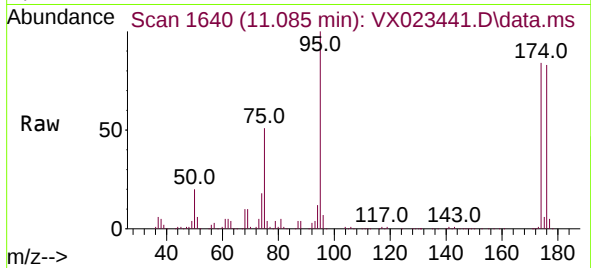




#76
1,2,3-Trichloropropane
Concen: 26.28 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 53848
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.66 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023441.D
Acq: 26 Jul 2021 11:09

Tgt Ion: 75 Resp: 53848
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

