

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023468.D
 Acq On : 27 Jul 2021 11:26
 Operator : JC/MD
 Sample : VX0727WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:50:06 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)

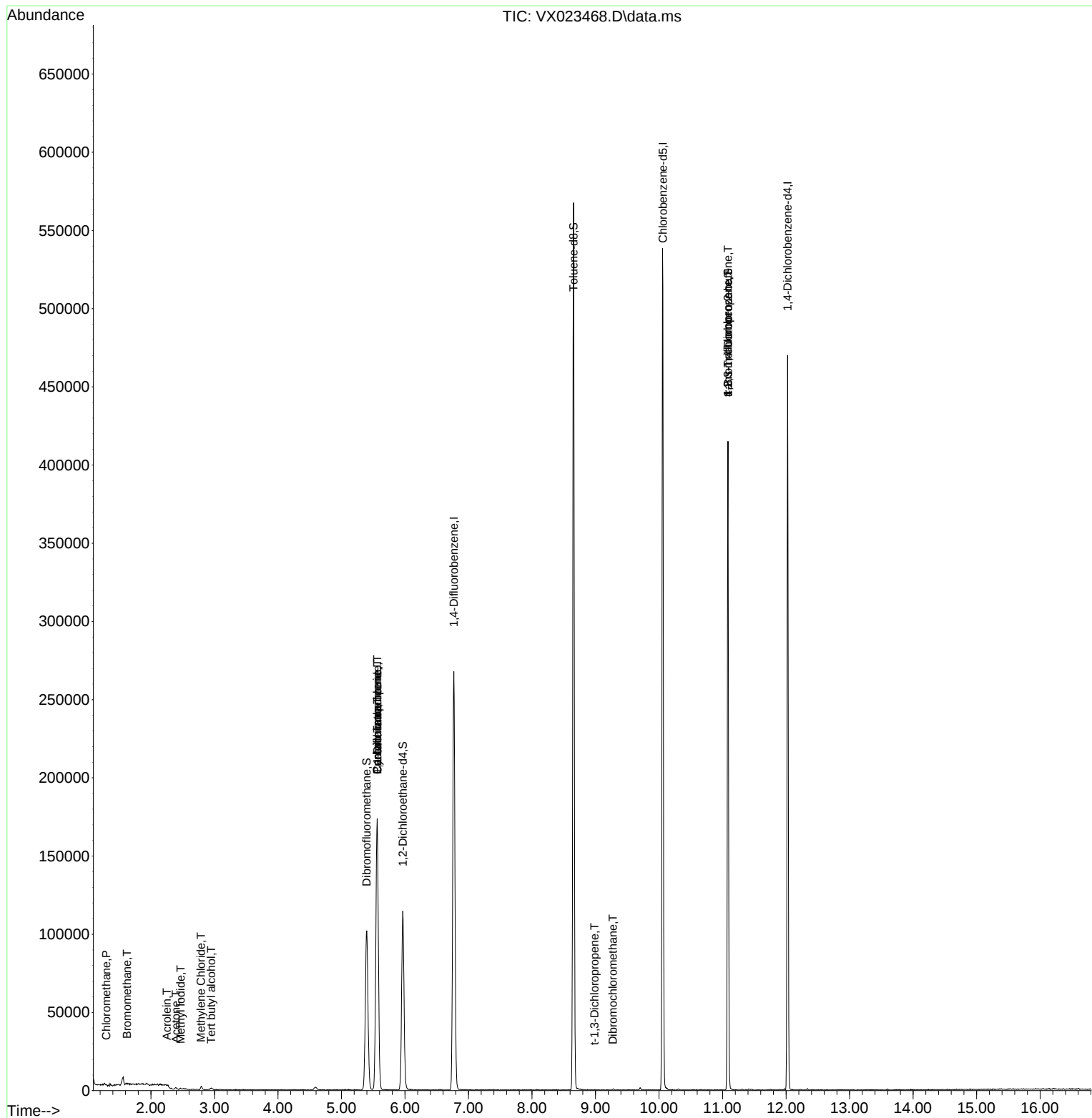
Internal Standards						
1) Pentafluorobenzene	5.562	168	164801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	275321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	243837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108326	52.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.380%	
35) Dibromofluoromethane	5.397	113	88334	51.314	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	8.653	98	328162	51.887	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	11.085	95	102330	47.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	437	0.247	ug/l	98
5) Bromomethane	1.624	94	604	0.569	ug/l #	65
10) Methyl Iodide	2.465	142	660	0.323	ug/l #	82
11) Tert butyl alcohol	2.947	59	843	1.795	ug/l #	73
13) Acrolein	2.252	56	30	1.489	ug/l #	1
16) Acetone	2.392	43	1087	1.078	ug/l #	80
20) Methylene Chloride	2.788	84	933	0.476	ug/l #	82
31) Cyclohexane	5.562	56	3847	1.263	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	12496	5.017	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16827	6.643	ug/l #	15
53) t-1,3-Dichloropropene	8.982	75	55	1.834	ug/l #	44
60) Dibromochloromethane	9.275	129	122	2.040	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53674	26.208	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53674	70.470	ug/l #	12

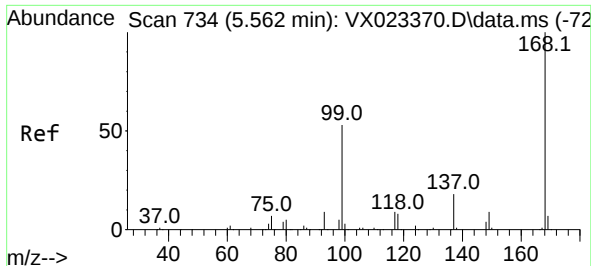
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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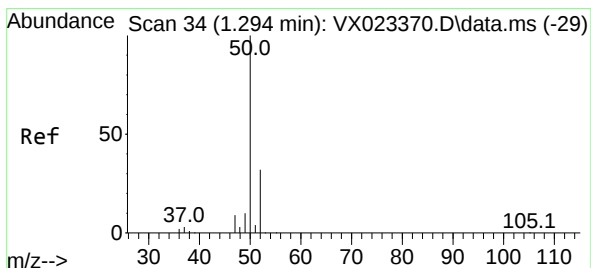
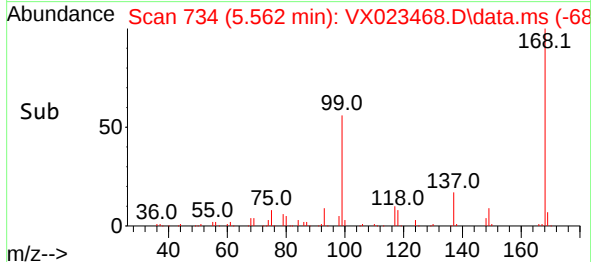
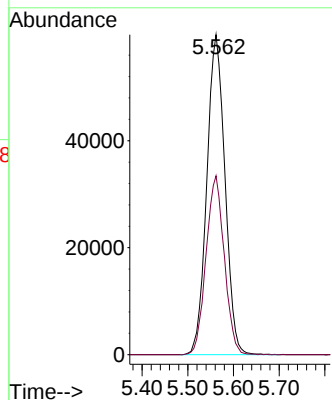
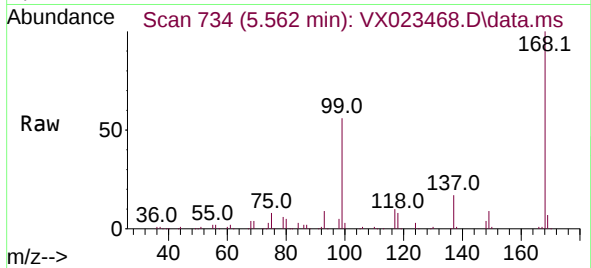




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

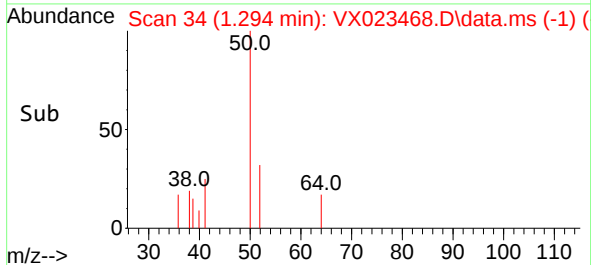
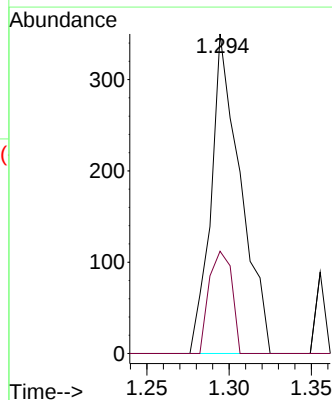
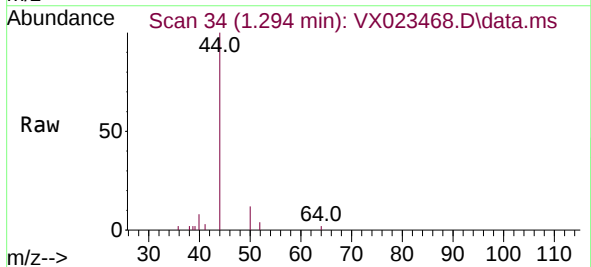
Instrument :
MSVOA_X
ClientSampled :

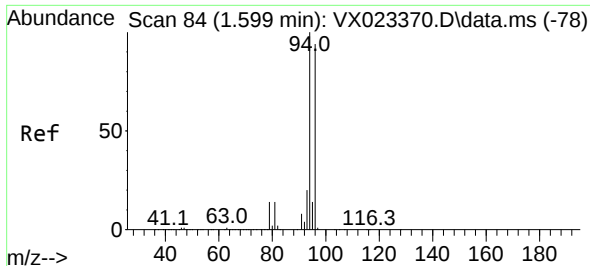
Tgt Ion:168 Resp: 164801
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 32.0 26.4 39.6

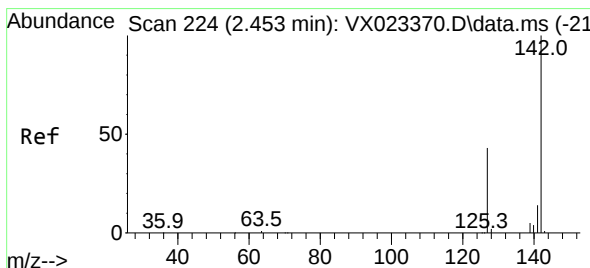
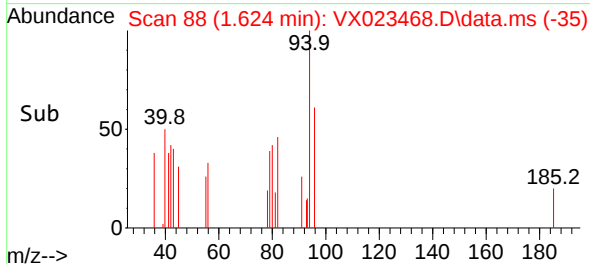
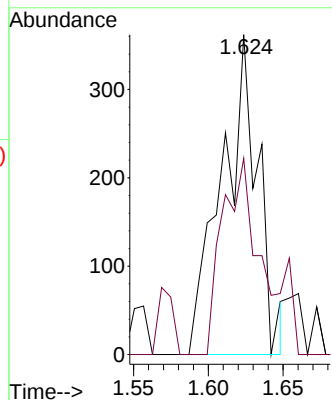
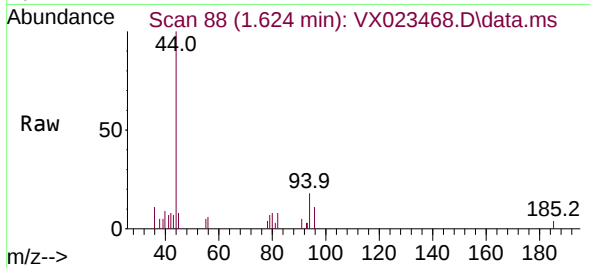




#5
Bromomethane
Concen: 0.569 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

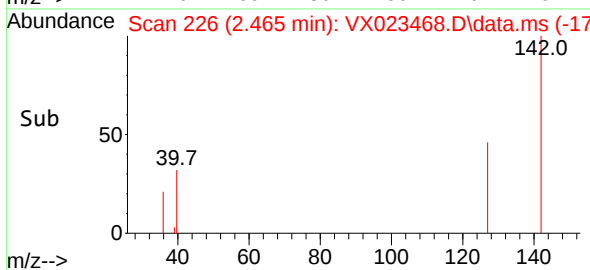
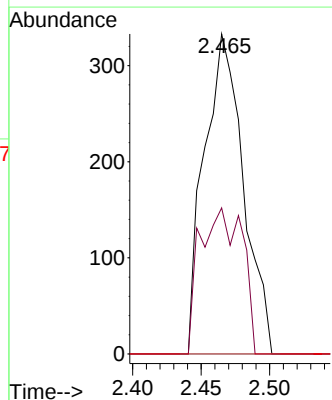
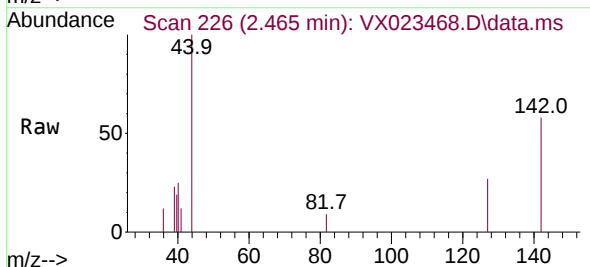
Instrument :
MSVOA_X
ClientSampled :

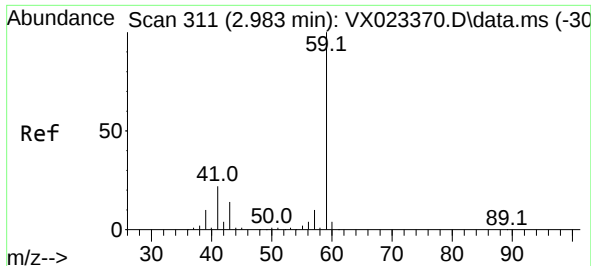
Tgt Ion: 94 Resp: 604
Ion Ratio Lower Upper
94 100
96 61.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.323 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Tgt Ion:142 Resp: 660
Ion Ratio Lower Upper
142 100
127 49.5 33.3 49.9
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 1.795 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

Lab File: VX023468.D

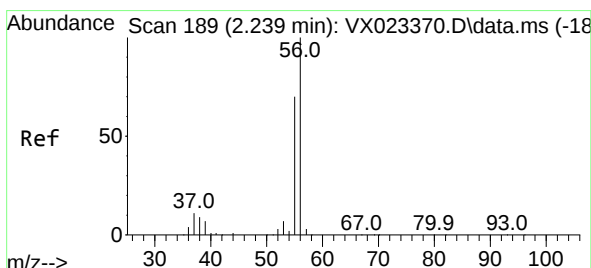
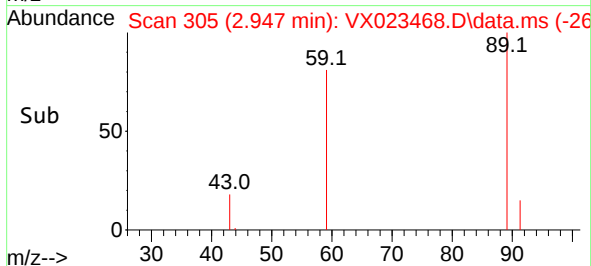
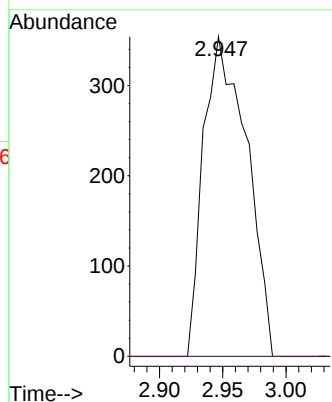
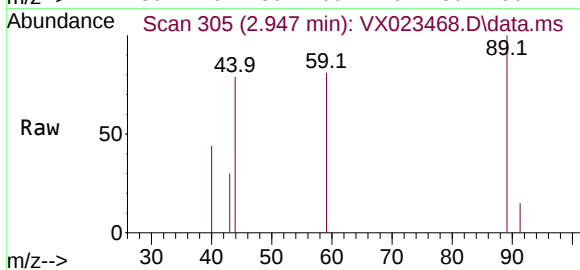
Acq: 27 Jul 2021 11:26

Tgt Ion: 59 Resp: 843

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 1.489 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX023468.D

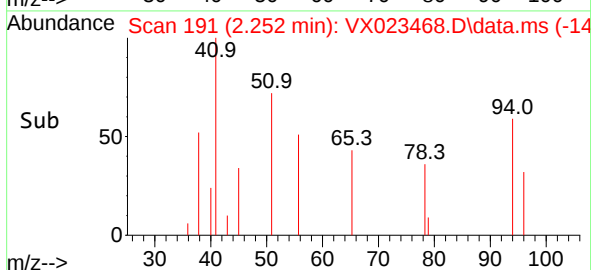
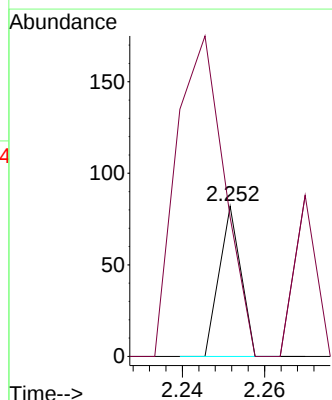
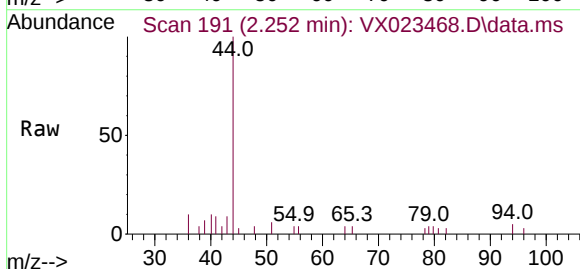
Acq: 27 Jul 2021 11:26

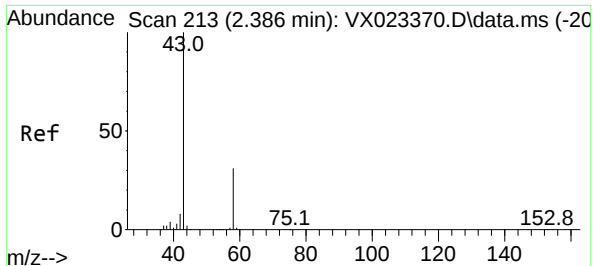
Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 470.0 56.4 84.6#

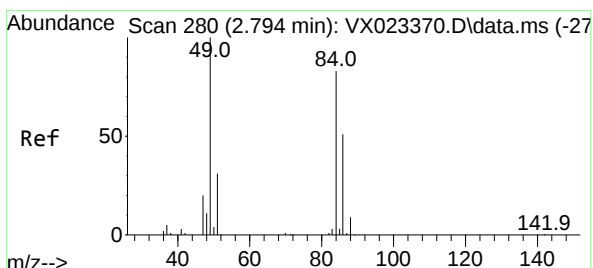
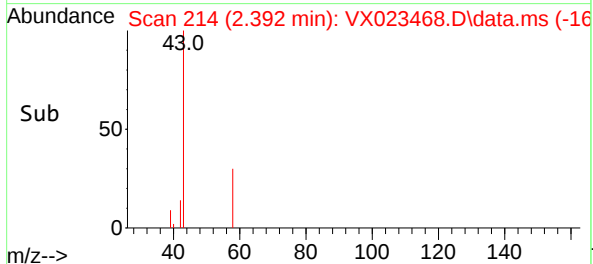
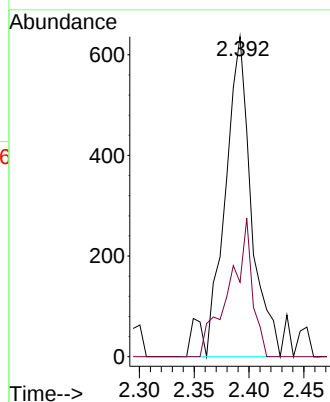
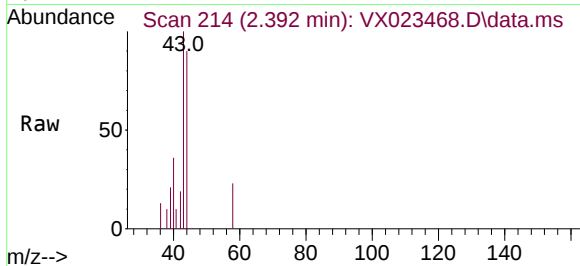




#16
Acetone
Concen: 1.078 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

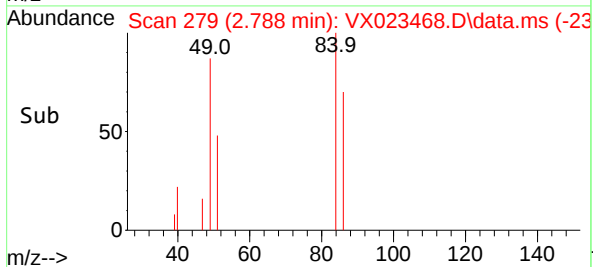
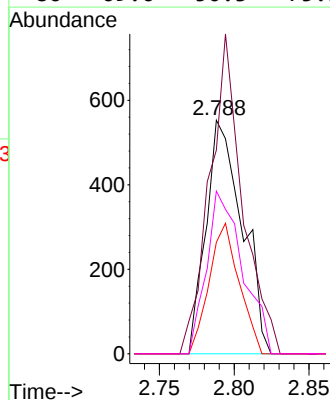
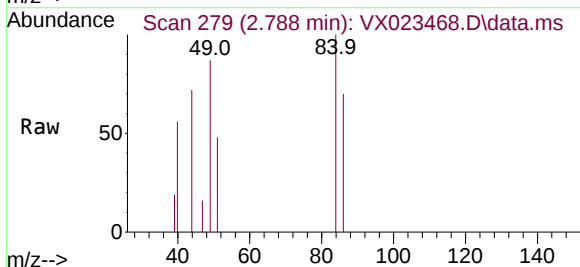
Instrument :
MSVOA_X
ClientSampled :

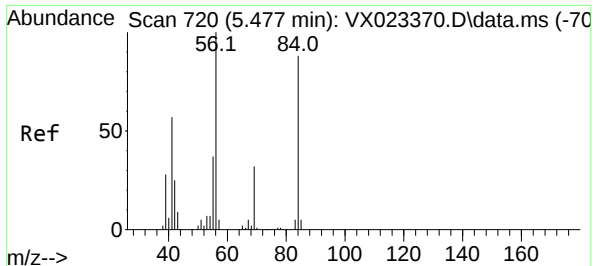
Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 23.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

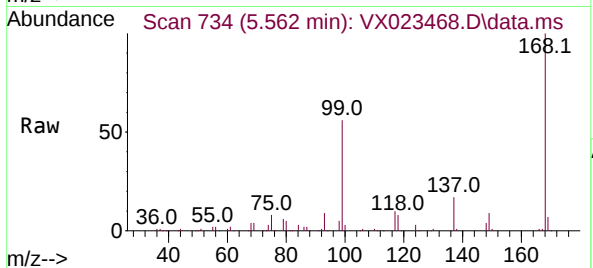
Tgt Ion: 84 Resp: 933
Ion Ratio Lower Upper
84 100
49 87.2 88.6 132.8#
51 47.7 27.0 40.6#
86 69.6 50.3 75.5



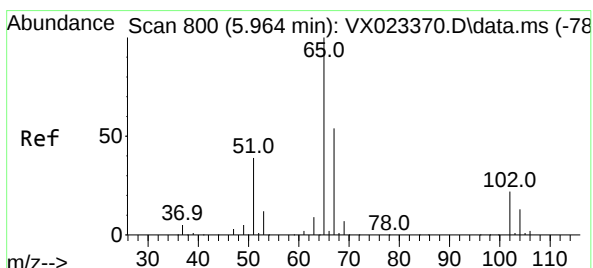
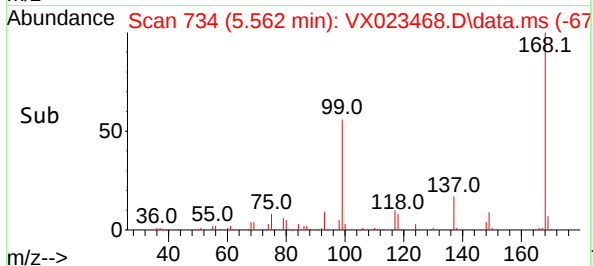
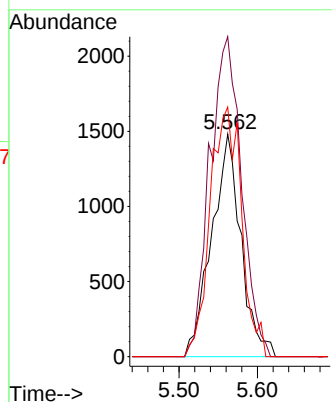


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

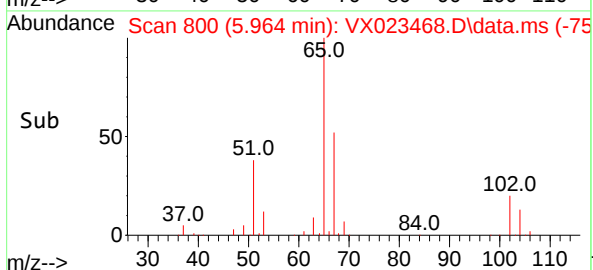
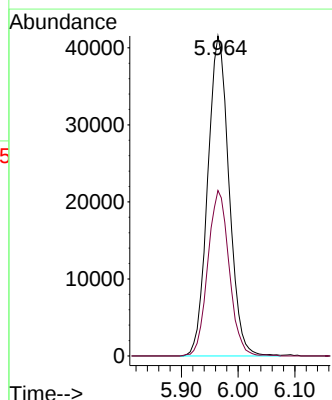
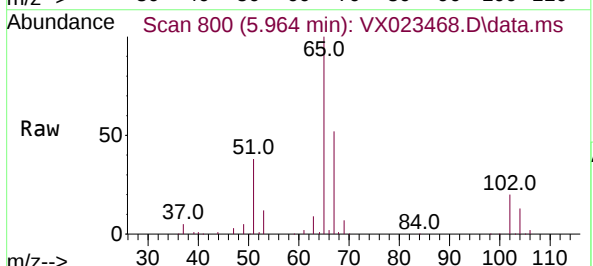


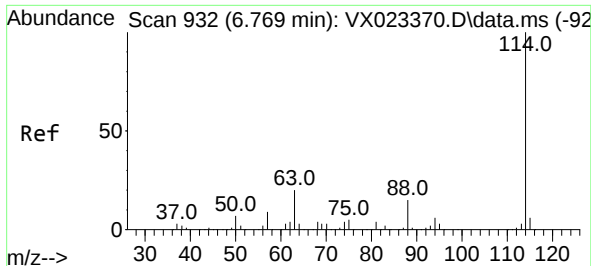
Tgt Ion: 56 Resp: 3847
Ion Ratio Lower Upper
56 100
69 143.8 25.3 37.9#
84 112.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.694 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Tgt Ion: 65 Resp: 108326
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

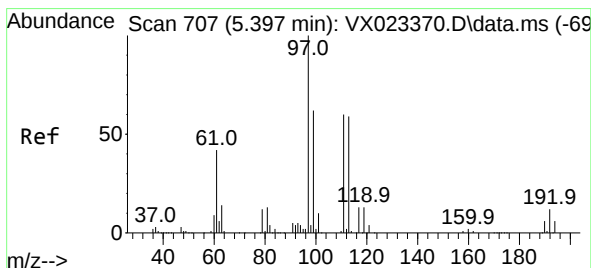
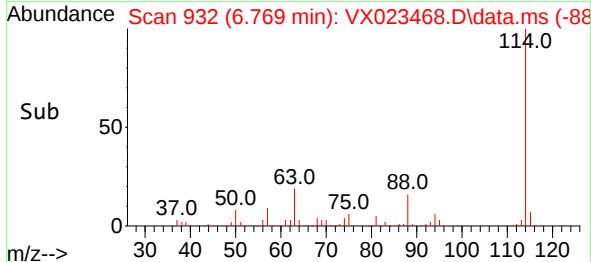
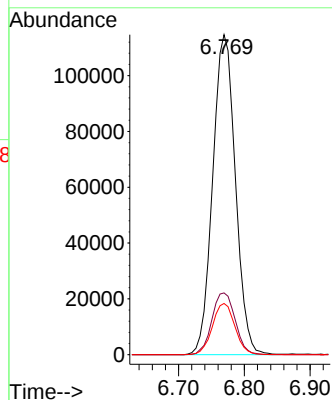
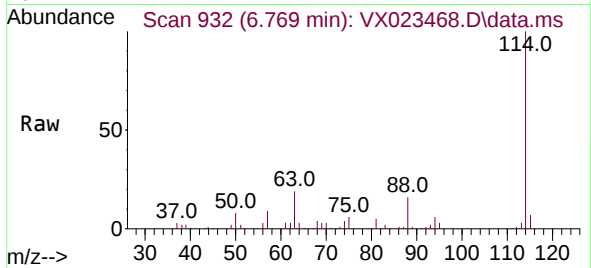




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

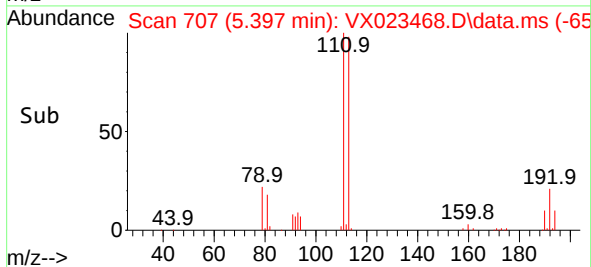
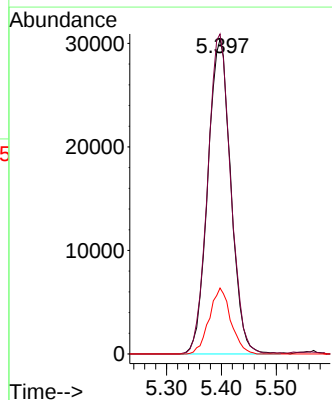
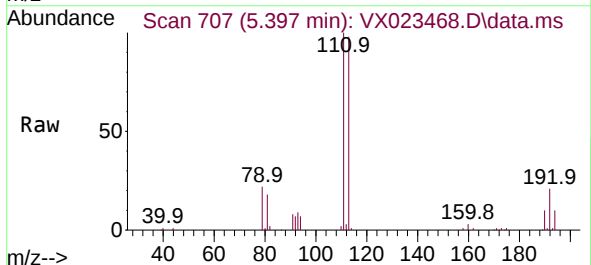
Instrument :
MSVOA_X
ClientSampled :

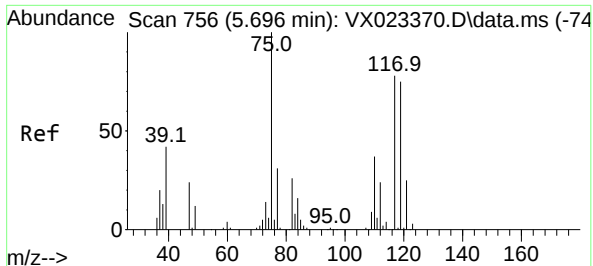
Tgt Ion:114 Resp: 275321
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.314 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

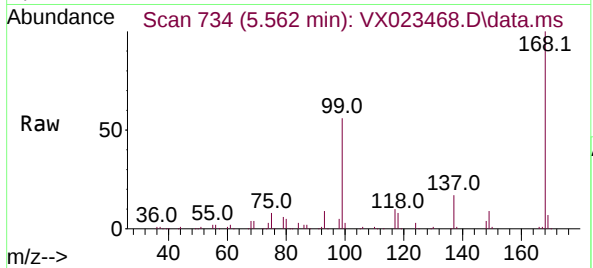
Tgt Ion:113 Resp: 88334
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.7 16.7 25.1



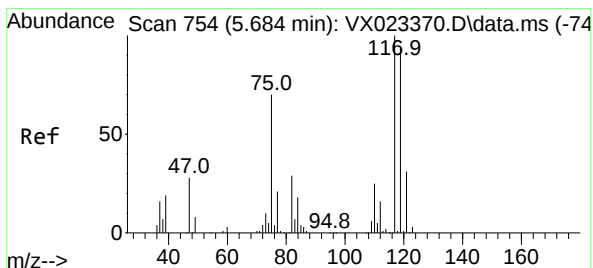
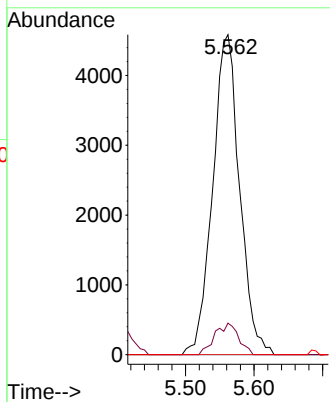
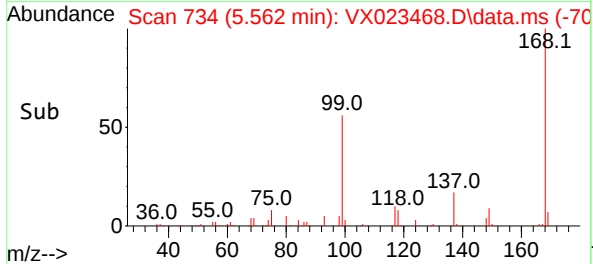


#36
1,1-Dichloropropene
Concen: 5.017 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

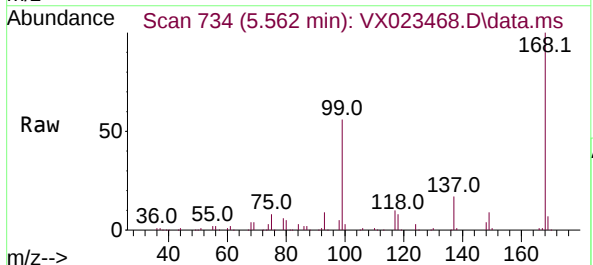
Instrument :
MSVOA_X
ClientSampled :



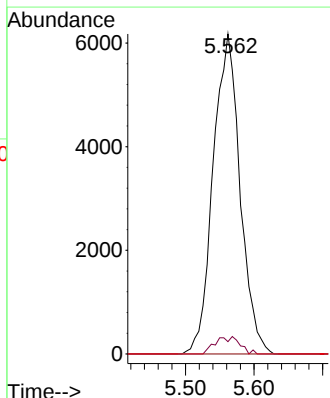
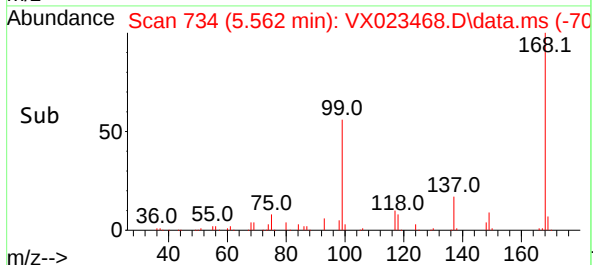
Tgt Ion: 75 Resp: 12496
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

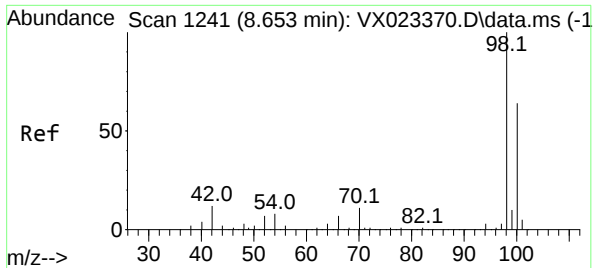


#38
Carbon Tetrachloride
Concen: 6.643 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26



Tgt Ion: 117 Resp: 16827
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

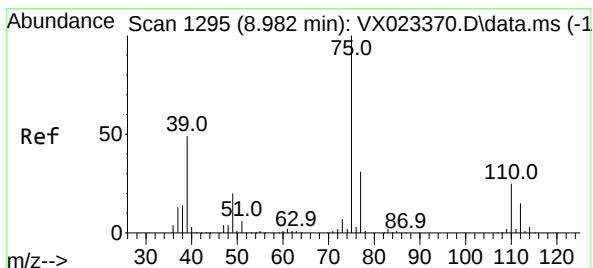
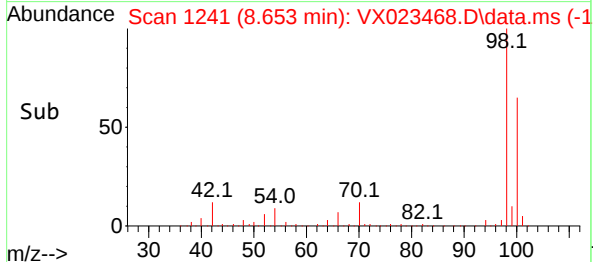
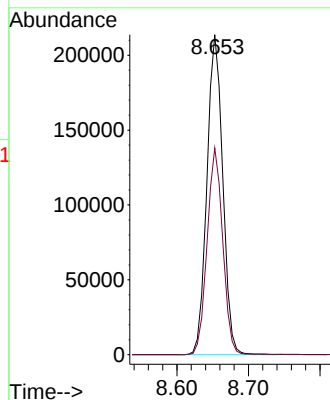
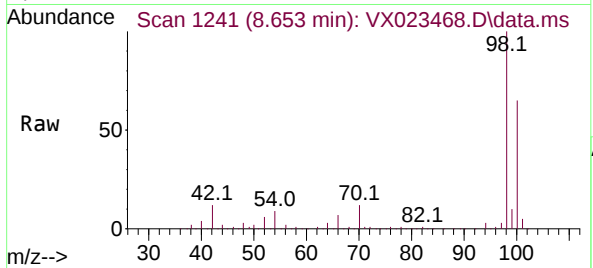




#50
Toluene-d8
Concen: 51.887 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

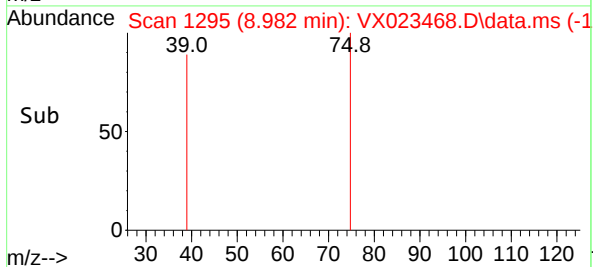
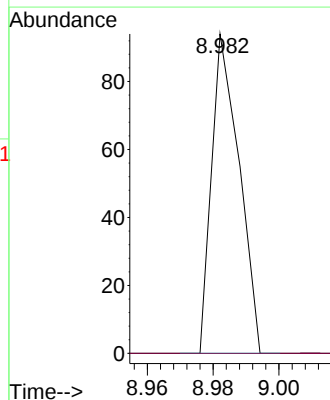
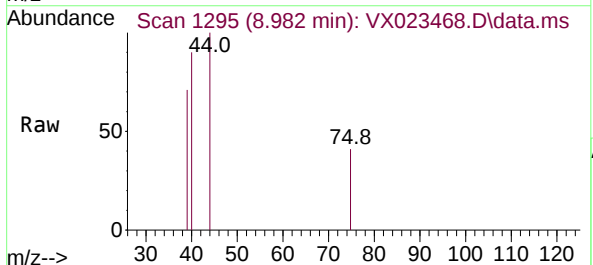
Instrument :
MSVOA_X
ClientSampled :

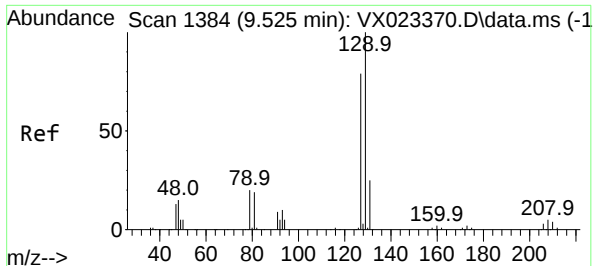
Tgt Ion: 98 Resp: 328162
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.834 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 2.040 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023468.D

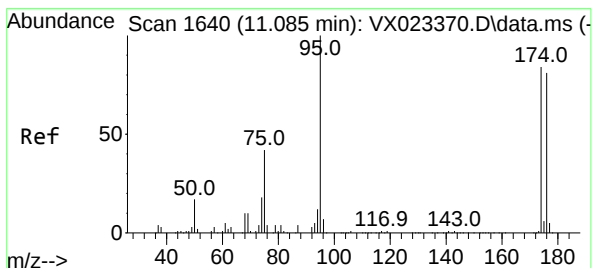
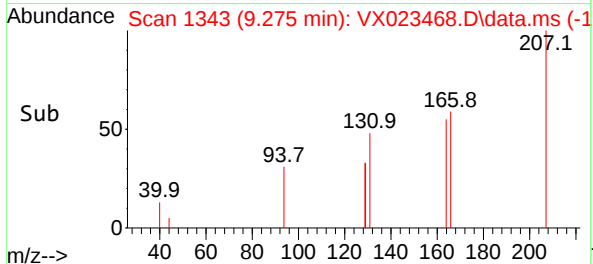
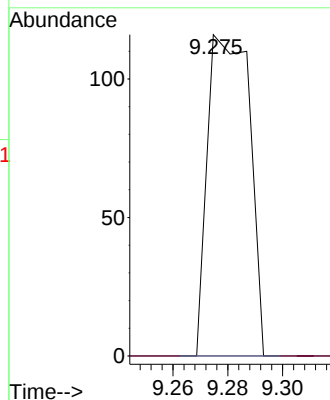
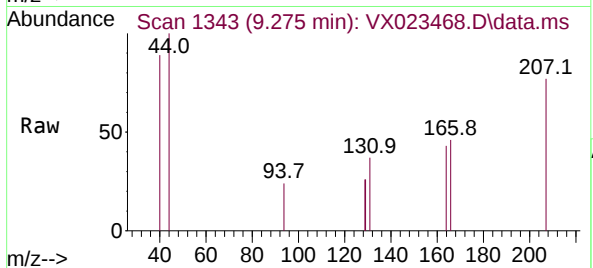
Acq: 27 Jul 2021 11:26

Tgt Ion:129 Resp: 122

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.582 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023468.D

Acq: 27 Jul 2021 11:26

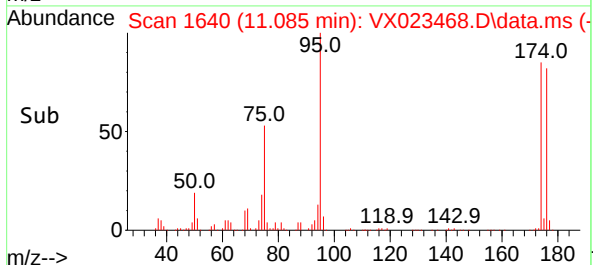
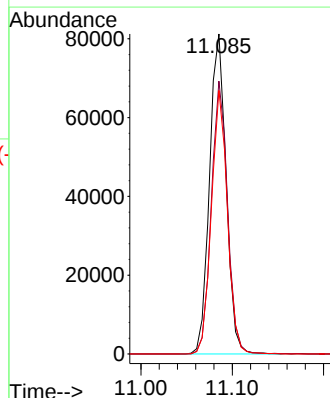
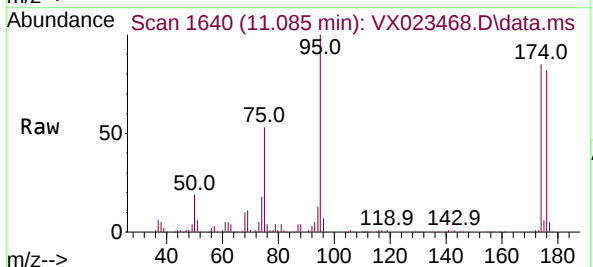
Tgt Ion: 95 Resp: 102330

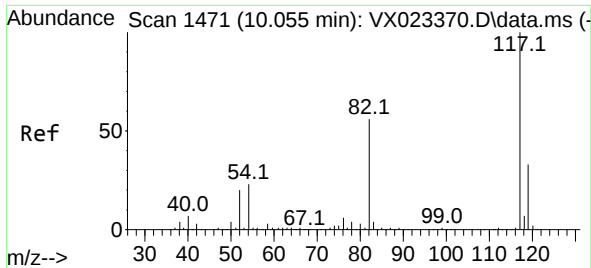
Ion Ratio Lower Upper

95 100

174 83.2 0.0 154.6

176 79.3 0.0 155.8

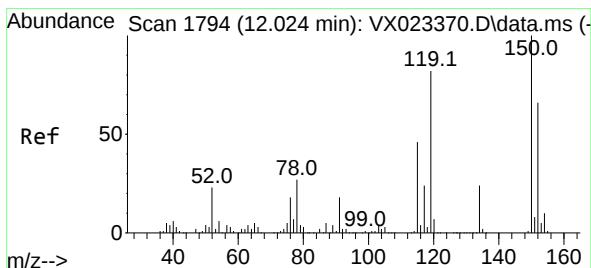
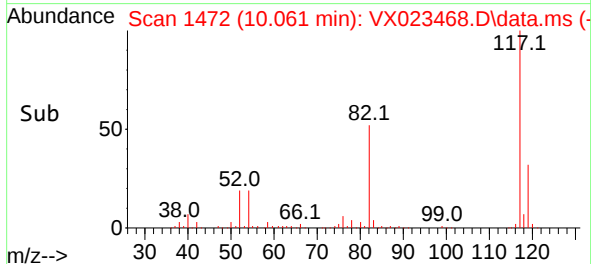
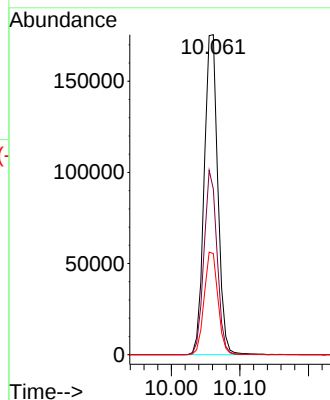
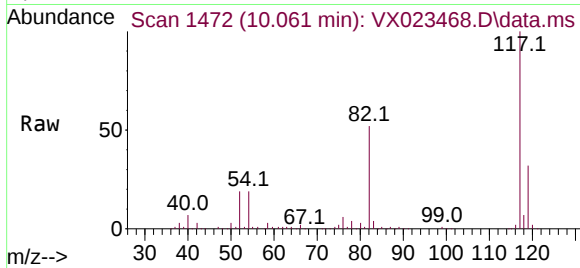




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

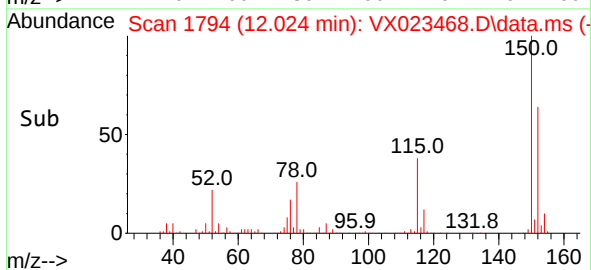
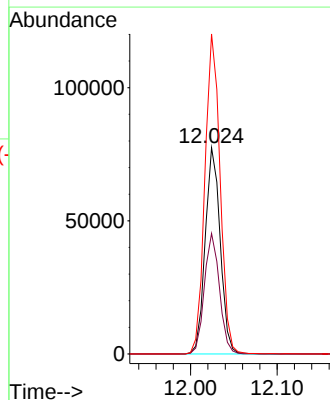
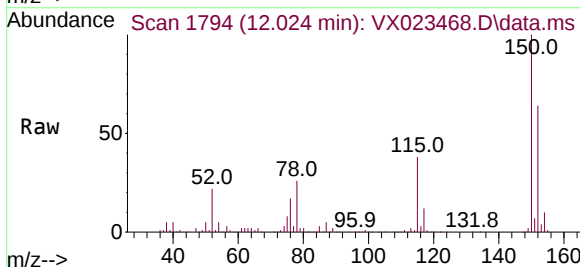
Instrument :
MSVOA_X
ClientSampled :

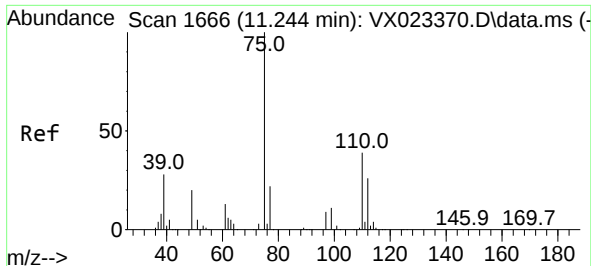
Tgt Ion:117 Resp: 243837
Ion Ratio Lower Upper
117 100
82 51.8 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Tgt Ion:152 Resp: 93067
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 157.1 0.0 349.0

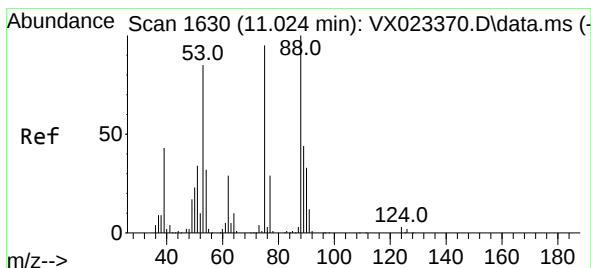
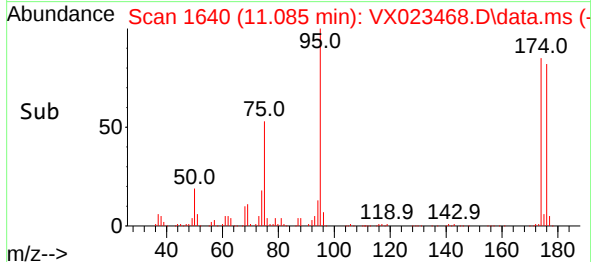
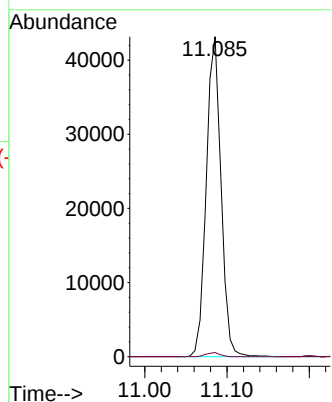
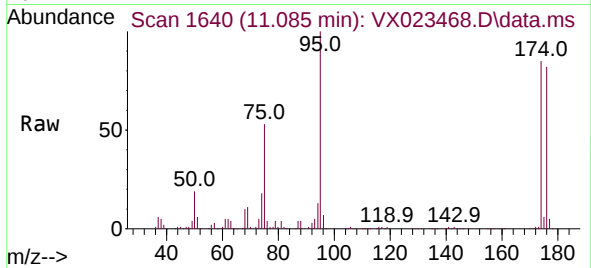




#76
1,2,3-Trichloropropane
Concen: 26.208 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 53674
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.470 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023468.D
Acq: 27 Jul 2021 11:26

Tgt Ion: 75 Resp: 53674
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

