

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023478.D
 Acq On : 27 Jul 2021 15:37
 Operator : JC/MD
 Sample : M3146-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:51:46 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)

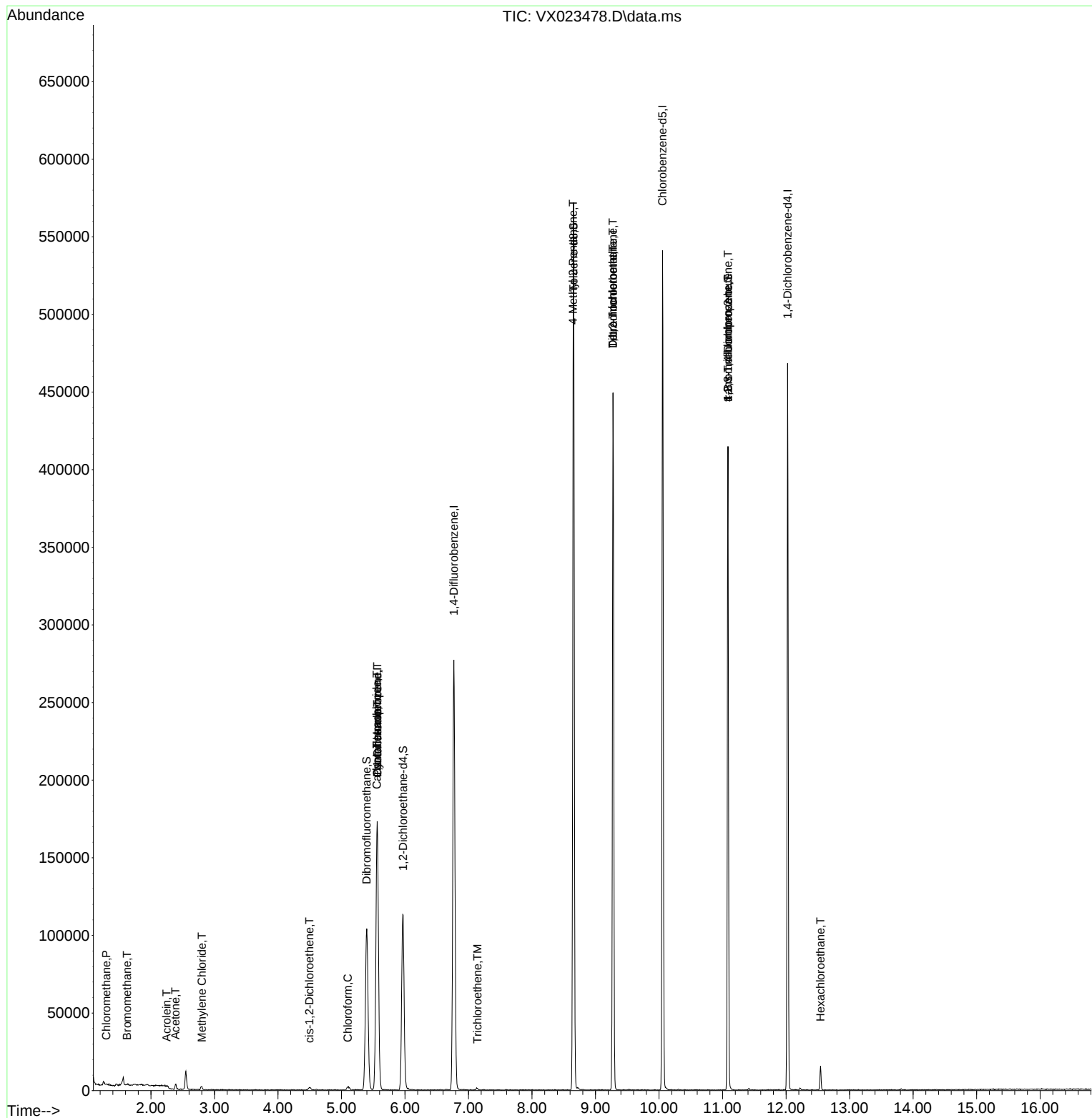
Internal Standards						
1) Pentafluorobenzene	5.562	168	166086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	284219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	110350	53.263	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.520%	
35) Dibromofluoromethane	5.397	113	90563	50.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	8.653	98	332085	50.863	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.085	95	102519	46.177	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	374	0.210	ug/l #	65
5) Bromomethane	1.624	94	431	0.403	ug/l #	73
13) Acrolein	2.245	56	59	1.608	ug/l #	1
16) Acetone	2.386	43	3650	3.591	ug/l	92
20) Methylene Chloride	2.800	84	843	0.426	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	1090	0.541	ug/l	91
30) Chloroform	5.099	83	2897	0.879	ug/l	85
31) Cyclohexane	5.562	56	3675	1.197	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	12124	4.716	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16747	6.405	ug/l #	17
44) Trichloroethene	7.141	130	604	0.288	ug/l	54
51) 4-Methyl-2-Pentanone	8.647	43	1618	0.527	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	724	0.379	ug/l #	22
60) Dibromochloromethane	9.275	129	78096	37.366	ug/l #	11
64) Tetrachloroethene	9.275	164	82651	43.001	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	52641	25.291	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52641	68.005	ug/l #	12
90) Hexachloroethane	12.542	117	1771	3.492	ug/l	89

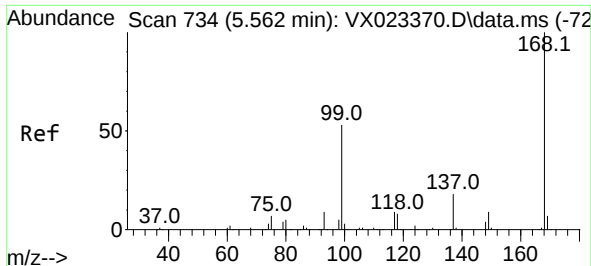
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

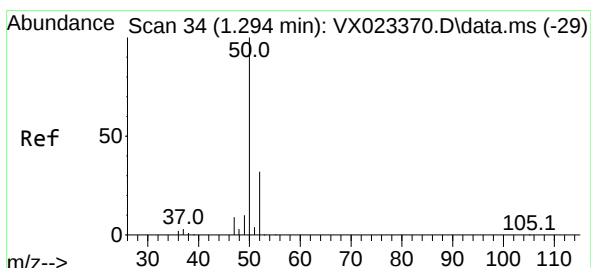
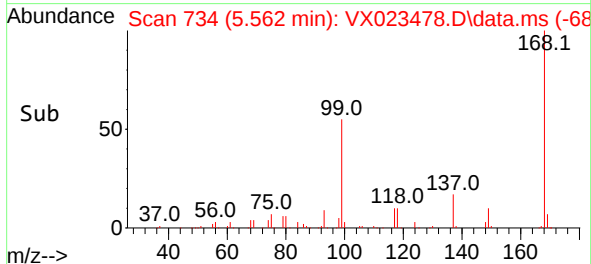
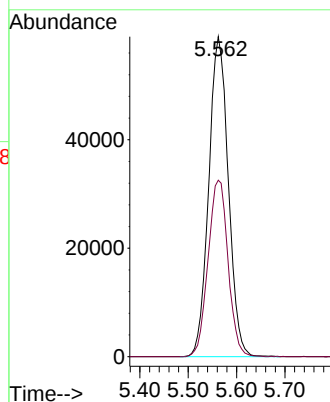
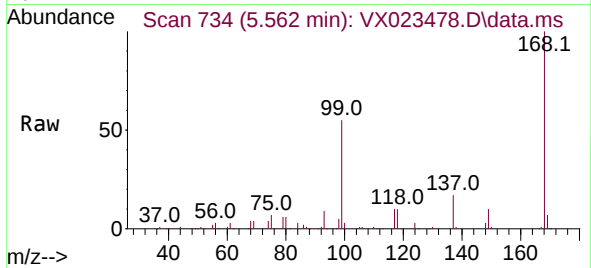




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

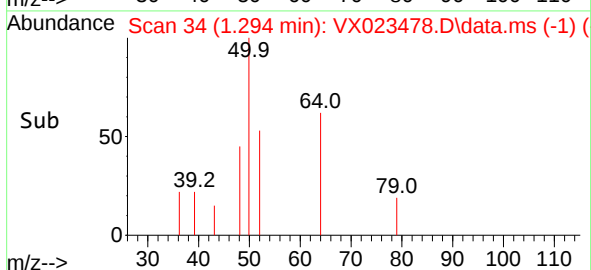
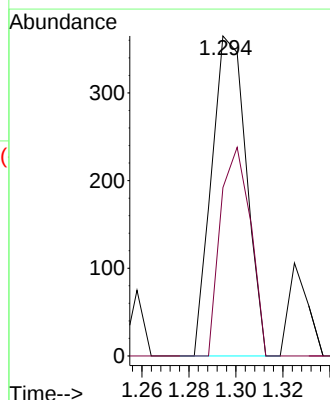
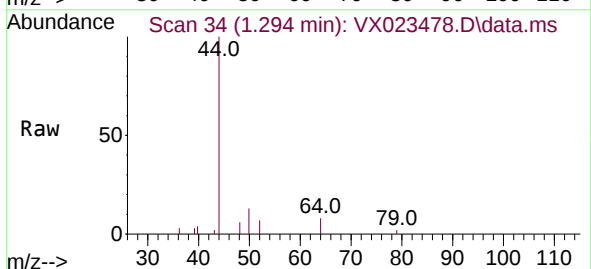
Instrument :
MSVOA_X
ClientSampled :

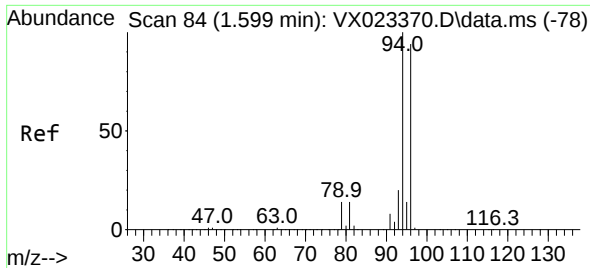
Tgt Ion:168 Resp: 166086
Ion Ratio Lower Upper
168 100
99 55.2 45.8 68.6



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 50 Resp: 374
Ion Ratio Lower Upper
50 100
52 52.6 26.4 39.6#

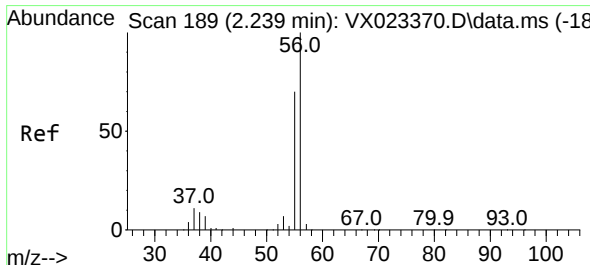
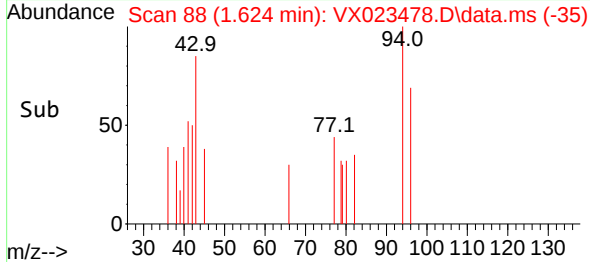
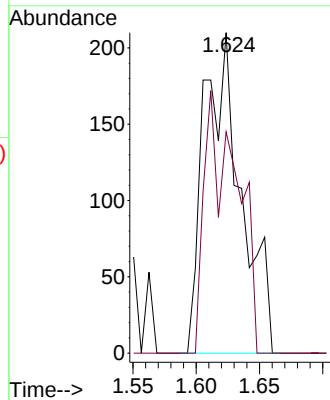
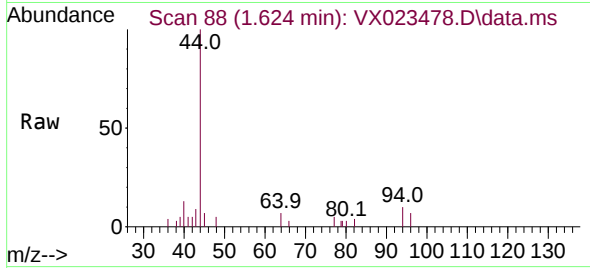




#5
Bromomethane
Concen: 0.403 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

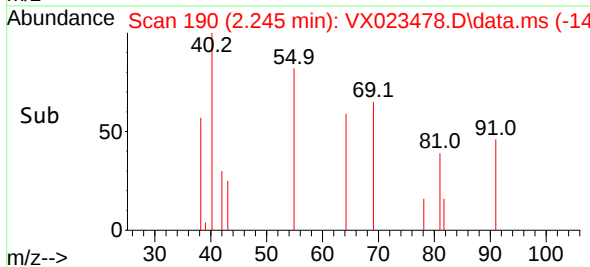
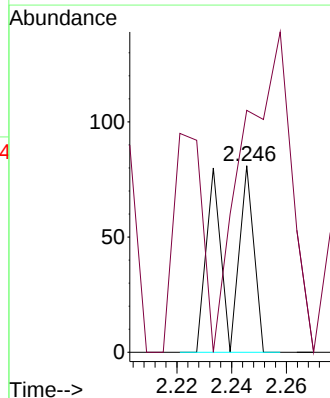
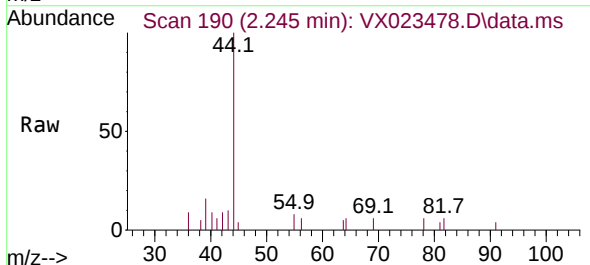
Instrument :
MSVOA_X
ClientSampled :

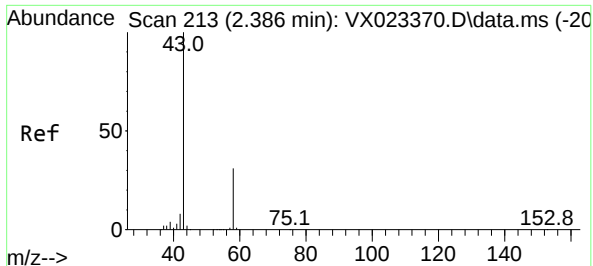
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 69.0 76.4 114.6#



#13
Acrolein
Concen: 1.608 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 316.9 56.4 84.6#

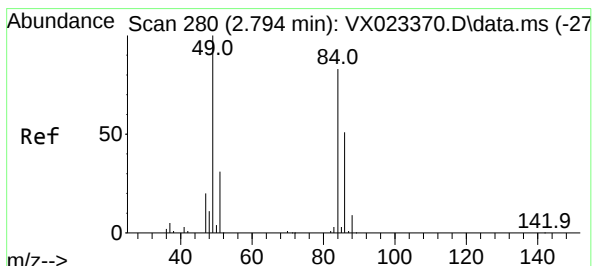
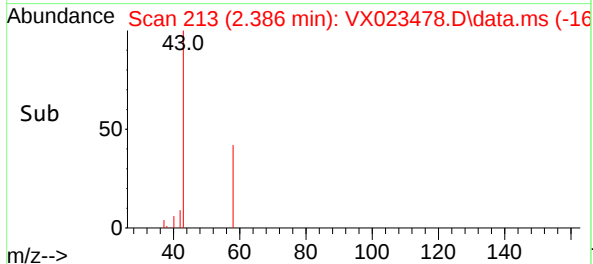
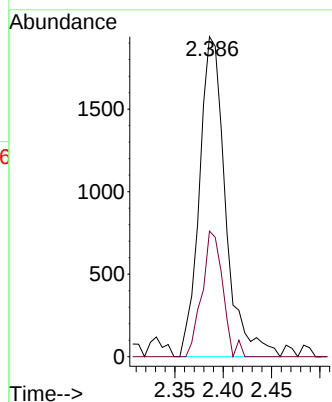
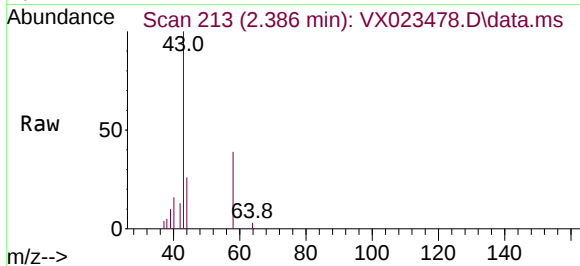




#16
Acetone
Concen: 3.591 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

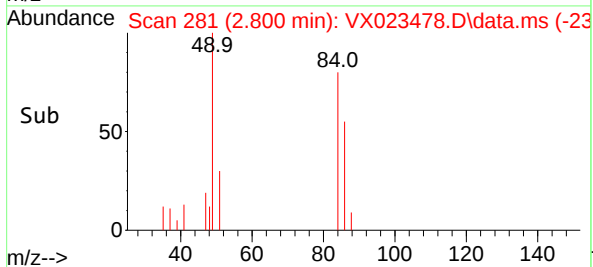
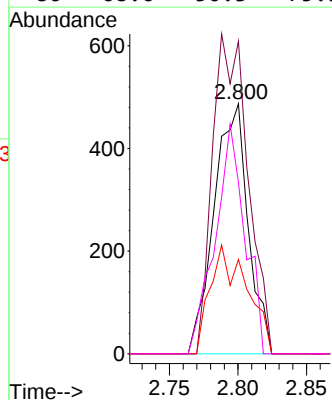
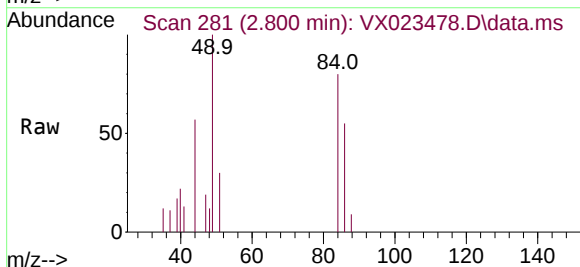
Instrument :
MSVOA_X
ClientSampled :

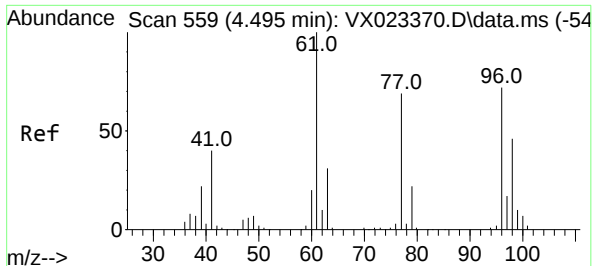
Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 84 Resp: 843
Ion Ratio Lower Upper
84 100
49 125.1 88.6 132.8
51 37.8 27.0 40.6
86 68.6 50.3 75.5

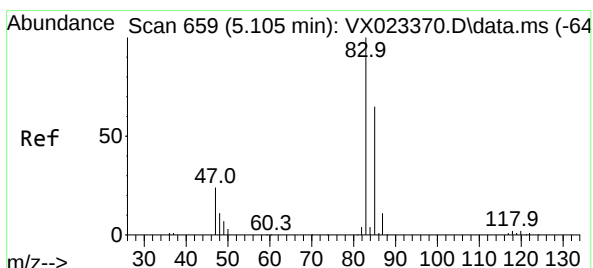
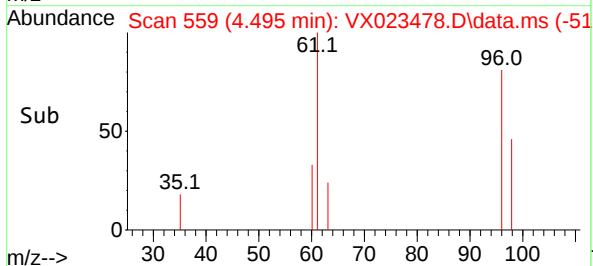
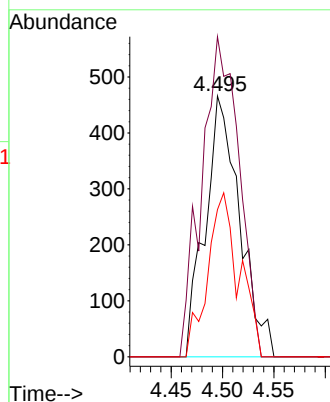
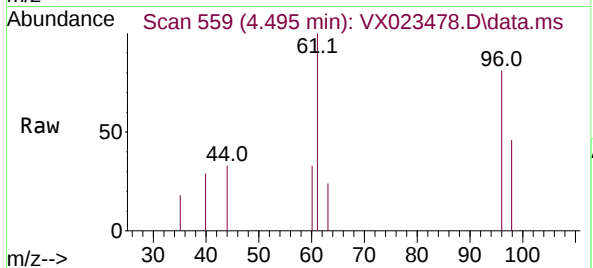




#27
cis-1,2-Dichloroethene
Concen: 0.541 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

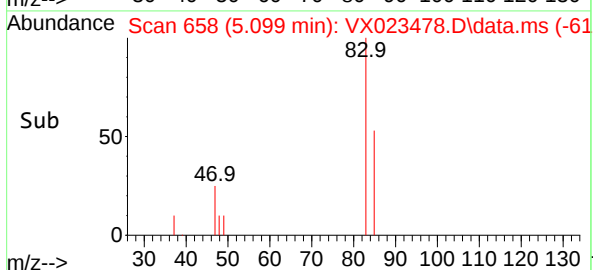
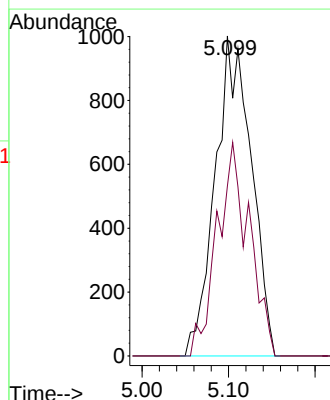
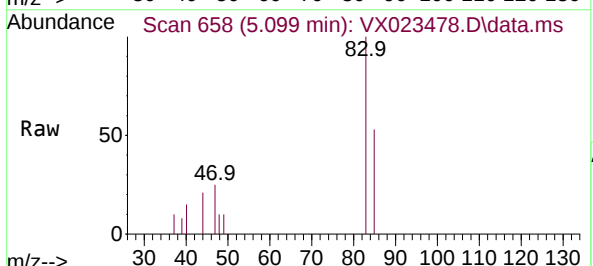
Instrument :
MSVOA_X
ClientSampled :

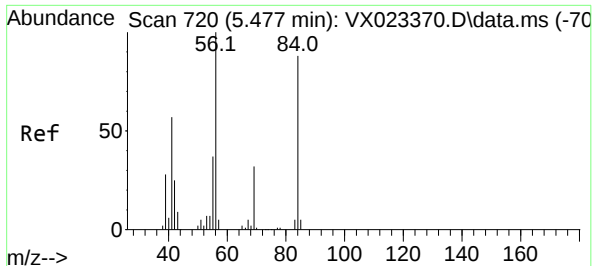
Tgt Ion: 96	Resp: 1090		
Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	285.6
98	57.1	0.0	129.6



#30
Chloroform
Concen: 0.879 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 83	Resp: 2897		
Ion Ratio	Lower	Upper	
83 100			
85 53.1	52.0	78.0	

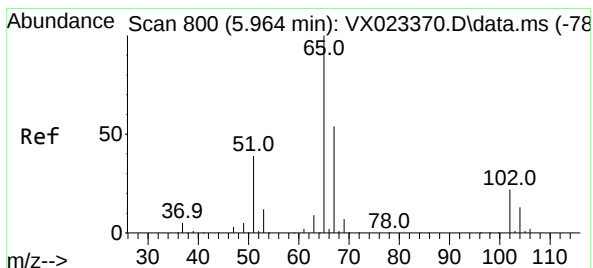
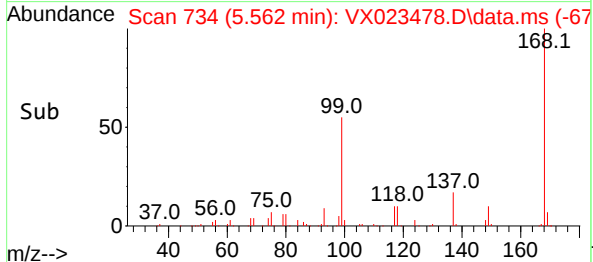
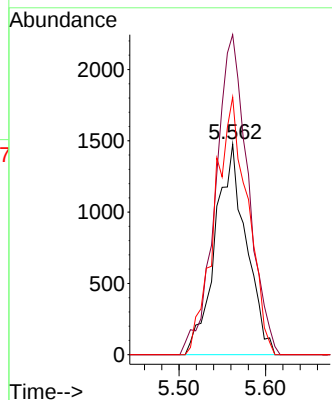
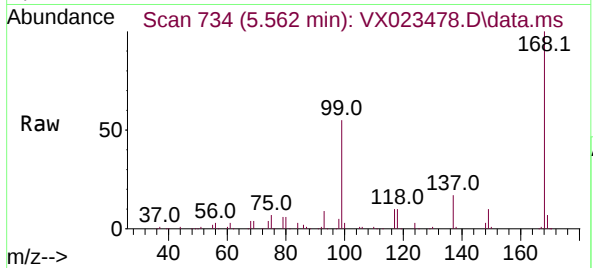




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

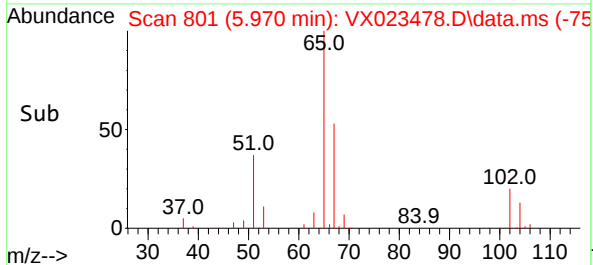
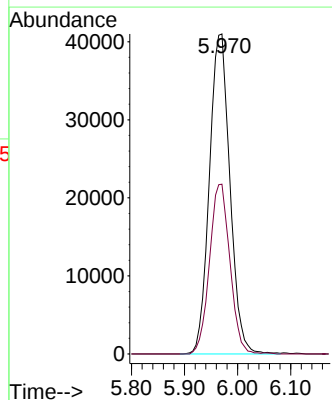
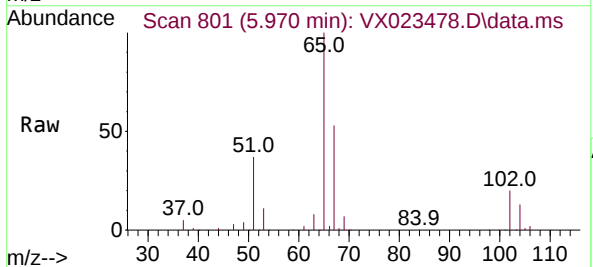
Instrument :
MSVOA_X
ClientSampled :

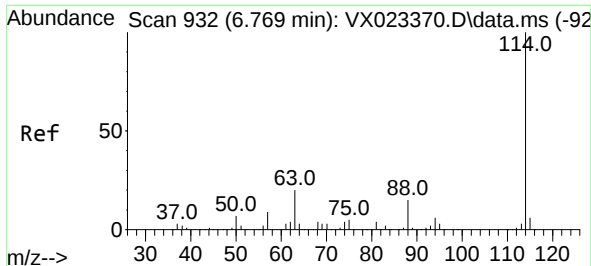
Tgt Ion: 56 Resp: 3675
Ion Ratio Lower Upper
56 100
69 151.9 25.3 37.9#
84 122.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.263 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 65 Resp: 110350
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

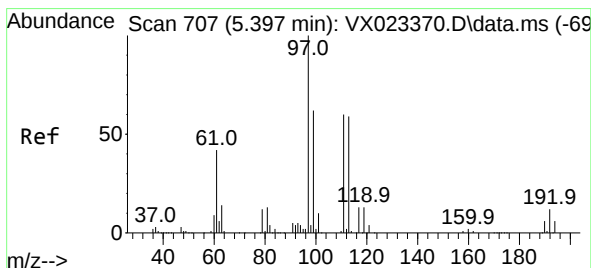
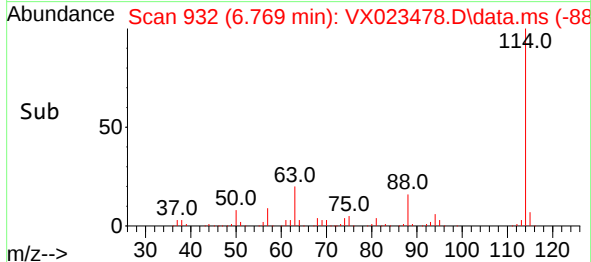
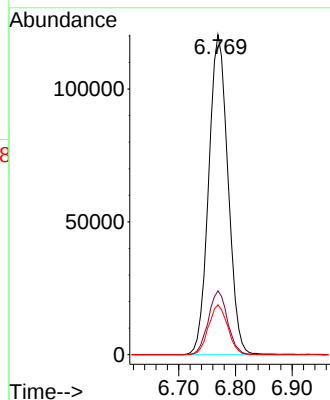
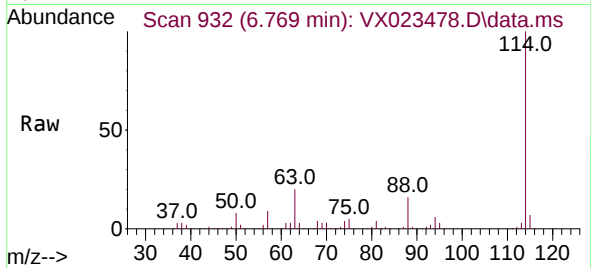




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

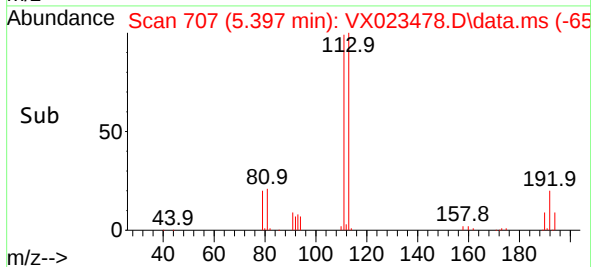
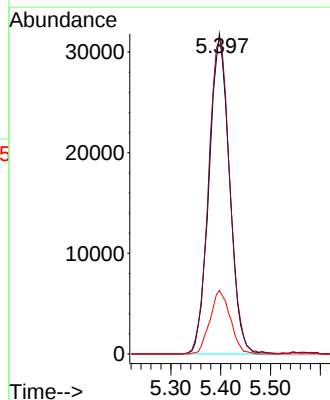
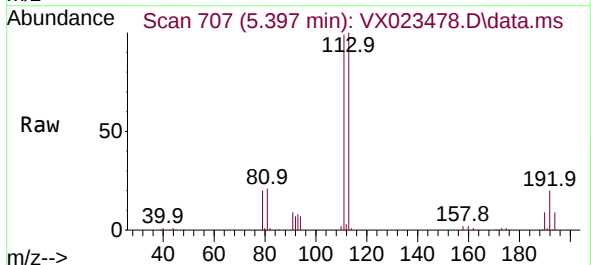
Instrument :
MSVOA_X
ClientSampled :

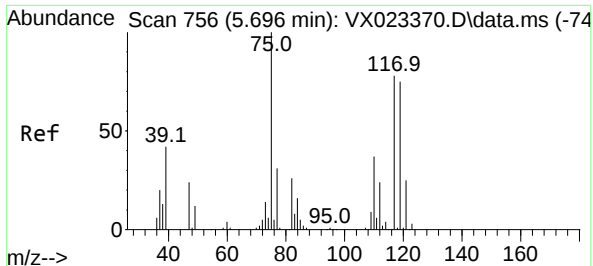
Tgt Ion:114 Resp: 284219
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.962 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion:113 Resp: 90563
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.7 16.7 25.1

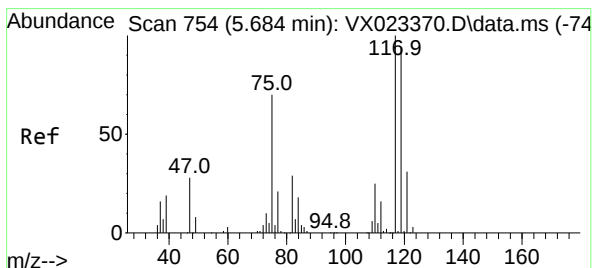
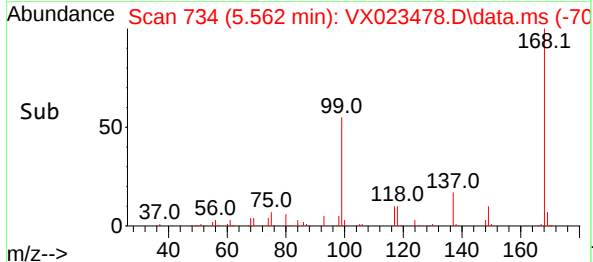
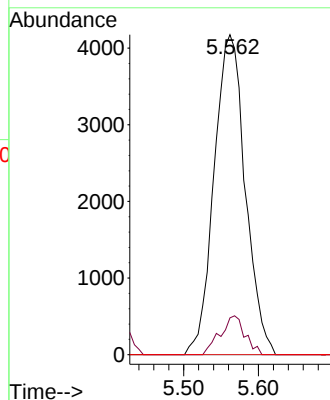
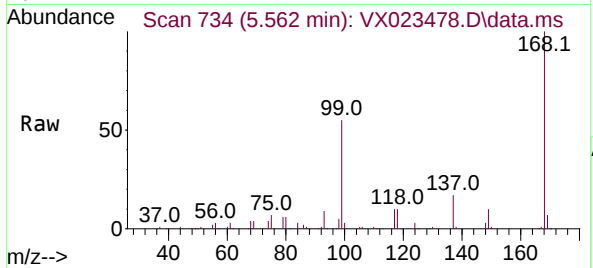




#36
1,1-Dichloropropene
Concen: 4.716 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

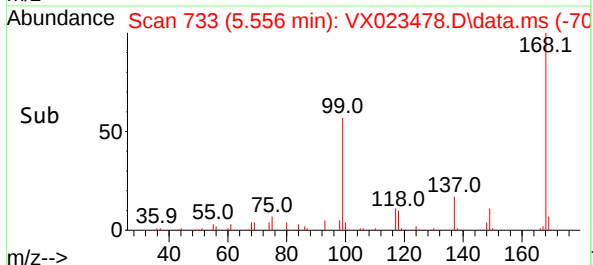
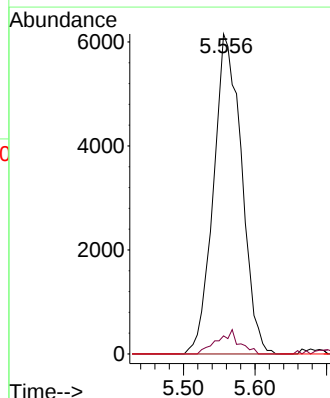
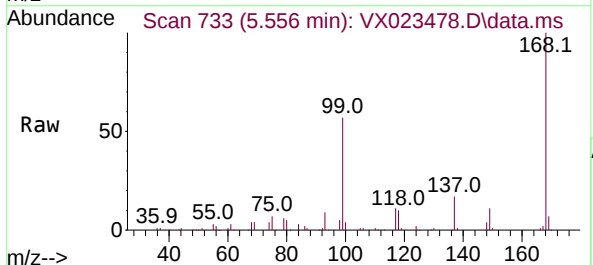
Instrument :
MSVOA_X
ClientSampled :

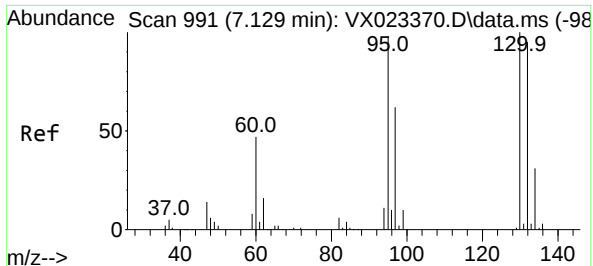
Tgt Ion: 75 Resp: 12124
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.405 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 117 Resp: 16747
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

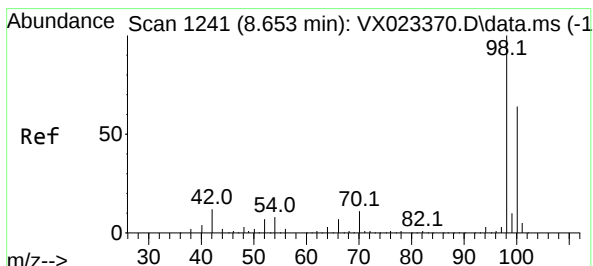
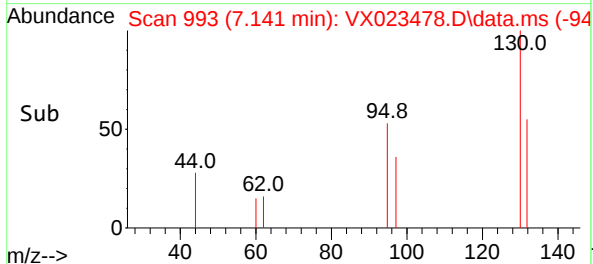
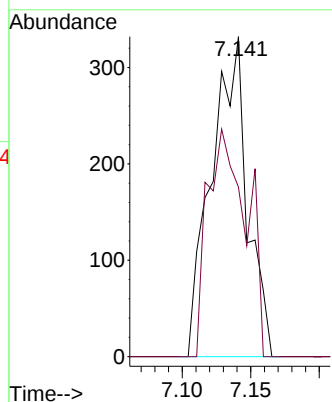
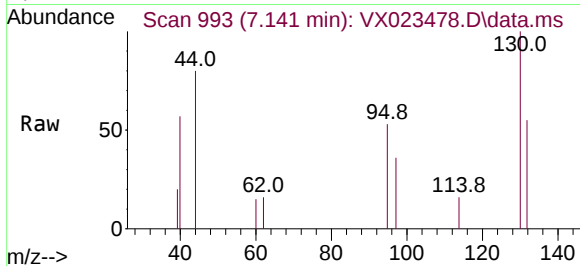




#44
Trichloroethene
Concen: 0.288 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

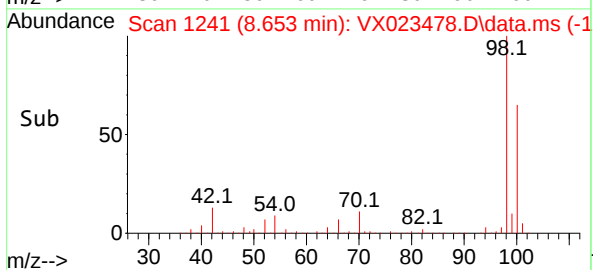
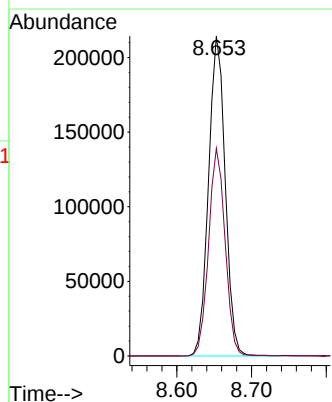
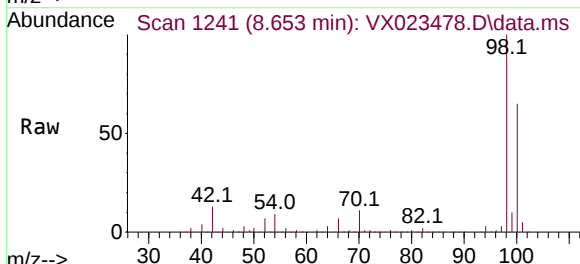
Instrument :
MSVOA_X
ClientSampled :

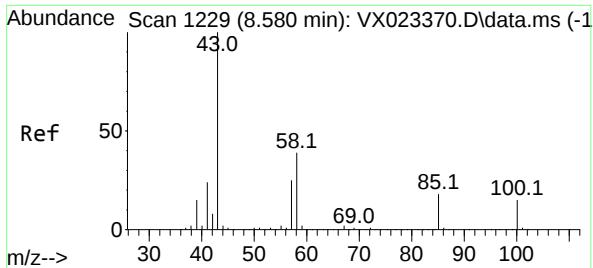
Tgt Ion:130 Resp: 604
Ion Ratio Lower Upper
130 100
95 53.0 0.0 198.0



#50
Toluene-d8
Concen: 50.863 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 98 Resp: 332085
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

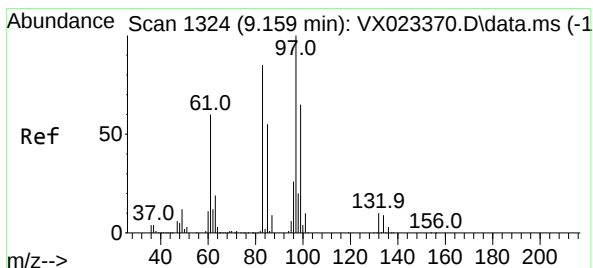
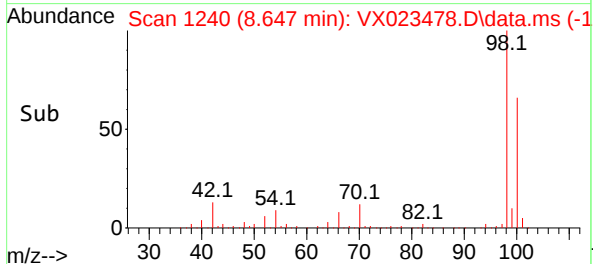
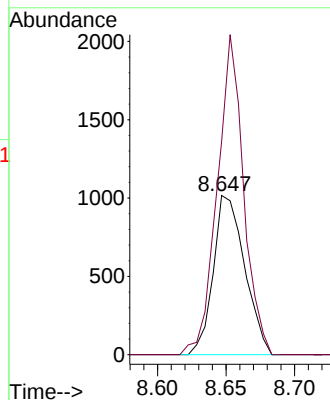
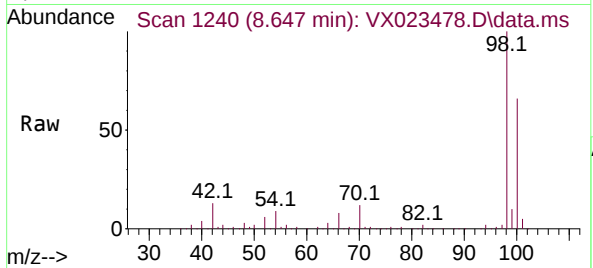




#51
4-Methyl-2-Pentanone
Concen: 0.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

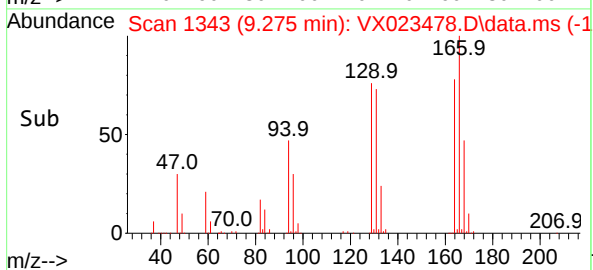
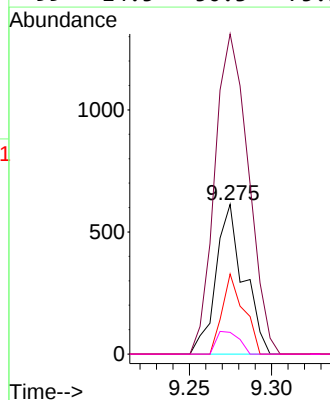
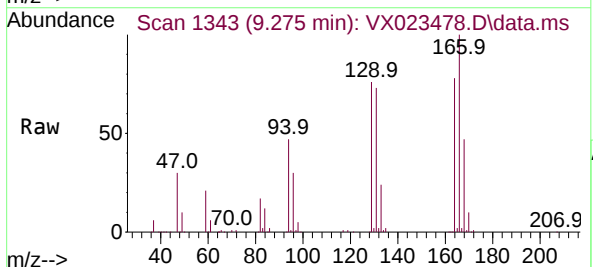
Instrument :
MSVOA_X
ClientSampled :

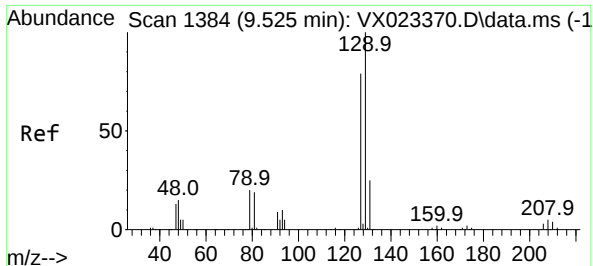
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 169.0 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.379 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.116 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 97 Resp: 724
Ion Ratio Lower Upper
97 100
83 213.9 69.3 103.9#
85 53.5 44.3 66.5
99 14.5 50.3 75.5#





#60

Dibromochloromethane

Concen: 37.366 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023478.D

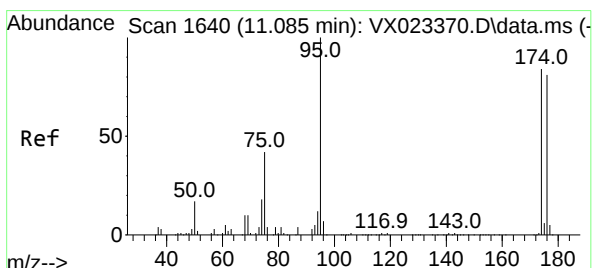
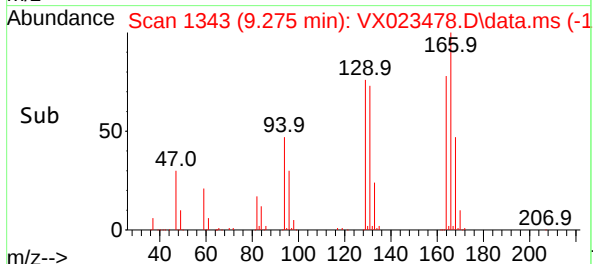
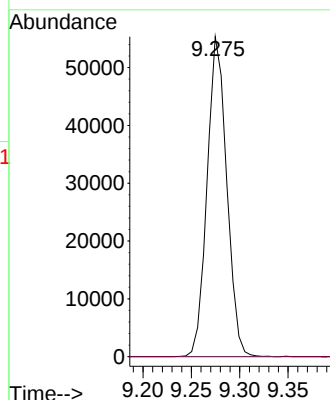
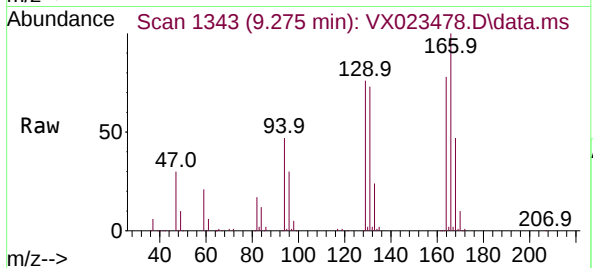
Acq: 27 Jul 2021 15:37

Tgt Ion:129 Resp: 78096

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.177 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023478.D

Acq: 27 Jul 2021 15:37

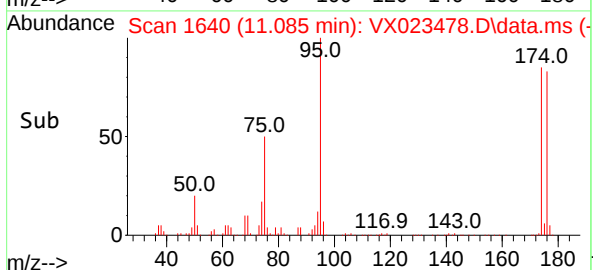
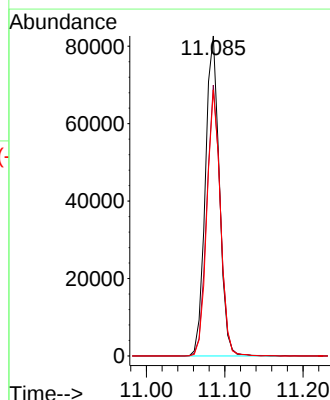
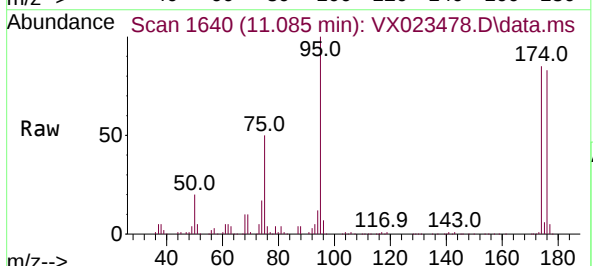
Tgt Ion: 95 Resp: 102519

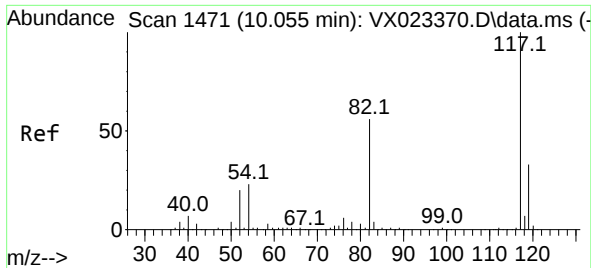
Ion Ratio Lower Upper

95 100

174 81.9 0.0 154.6

176 79.9 0.0 155.8

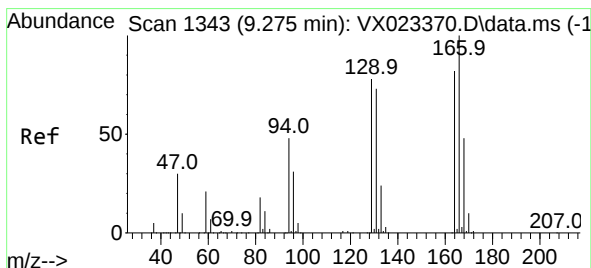
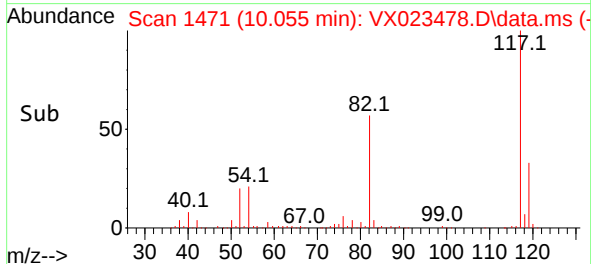
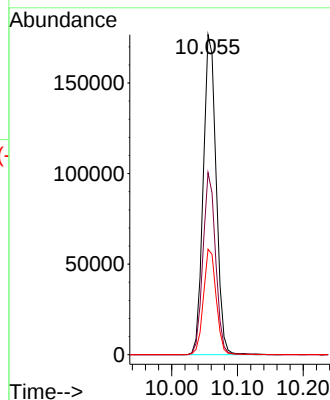
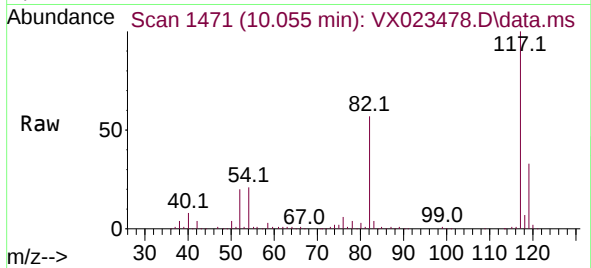




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

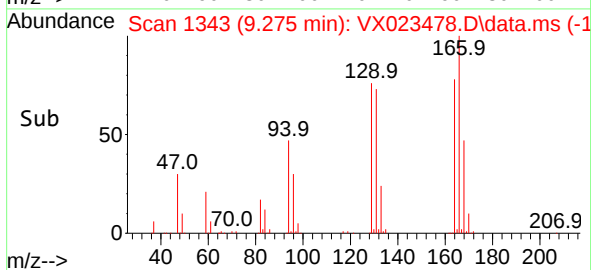
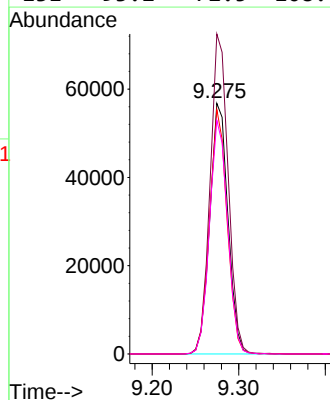
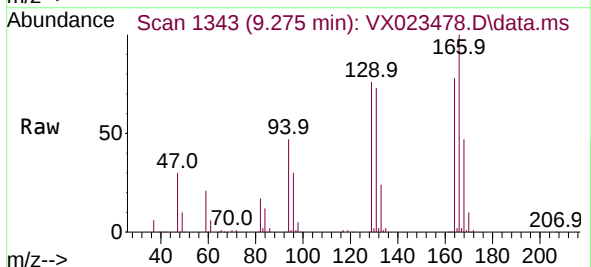
Instrument :
MSVOA_X
ClientSampleId :

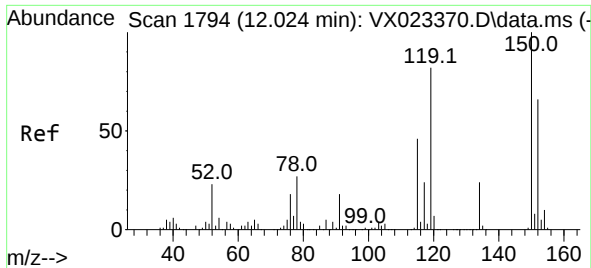
Tgt Ion:117 Resp: 241507
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.9 26.6 39.8



#64
Tetrachloroethene
Concen: 43.001 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion:164 Resp: 82651
Ion Ratio Lower Upper
164 100
166 127.7 103.4 155.2
129 97.5 70.8 106.2
131 93.2 72.5 108.7

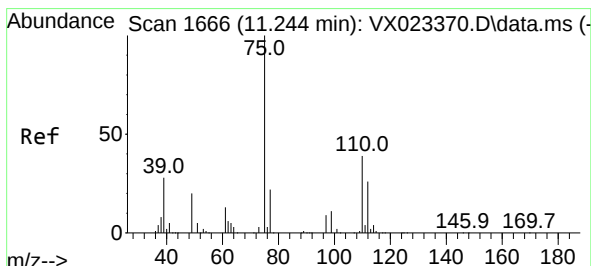
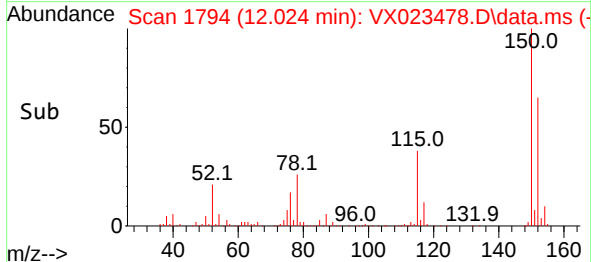
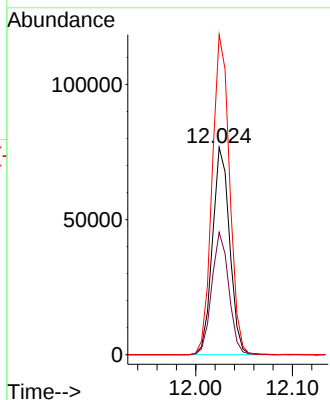
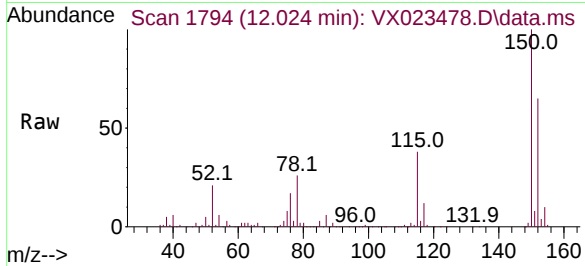




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023478.D
 Acq: 27 Jul 2021 15:37

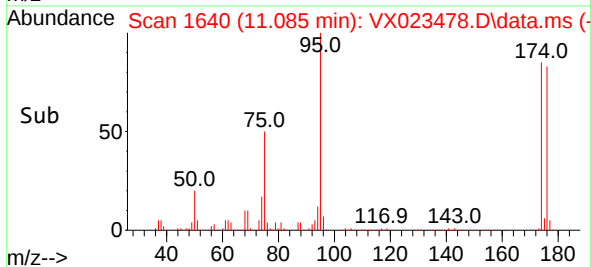
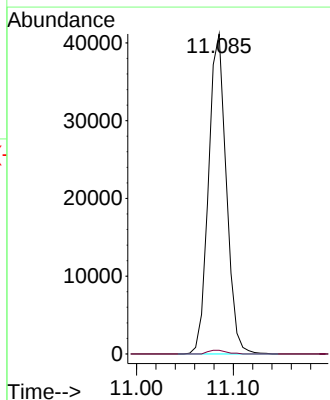
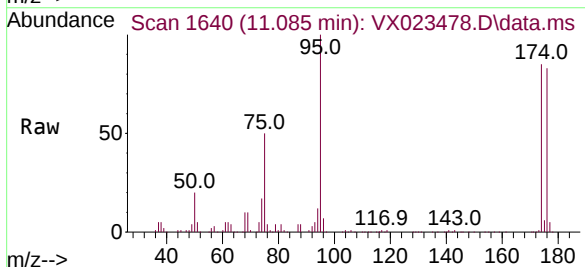
Instrument :
 MSVOA_X
 ClientSampled :

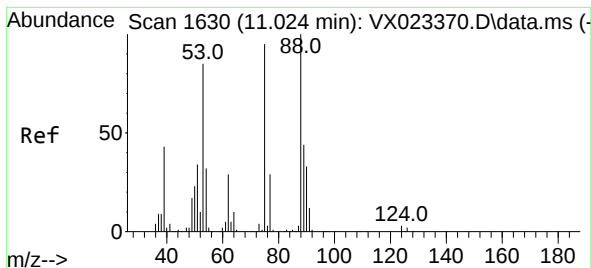
Tgt Ion:152 Resp: 94584
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.1 123.3
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.291 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023478.D
 Acq: 27 Jul 2021 15:37

Tgt Ion: 75 Resp: 52641
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

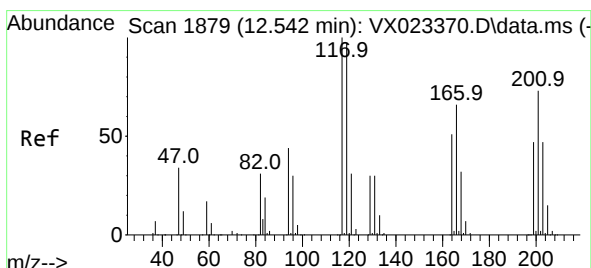
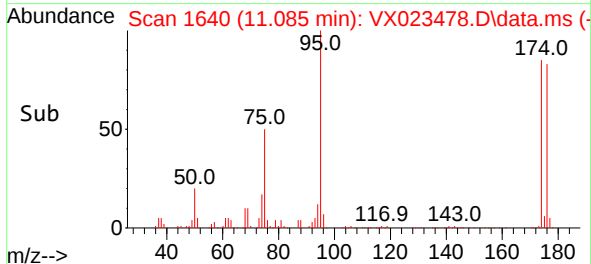
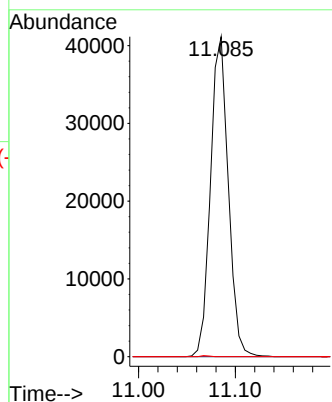
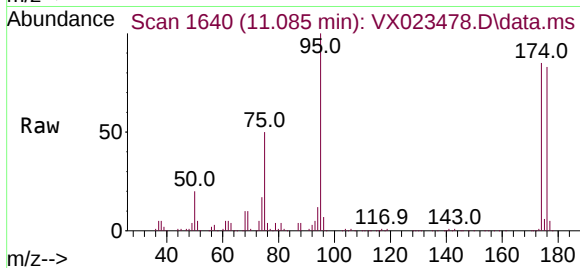




#81
trans-1,4-Dichloro-2-butene
Concen: 68.005 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 52641
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#



#90
Hexachloroethane
Concen: 3.492 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023478.D
Acq: 27 Jul 2021 15:37

Tgt Ion: 117 Resp: 1771
Ion Ratio Lower Upper
117 100
201 71.4 40.4 121.2

