

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023480.D
 Acq On : 27 Jul 2021 16:24
 Operator : JC/MD
 Sample : M3146-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:52:03 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)

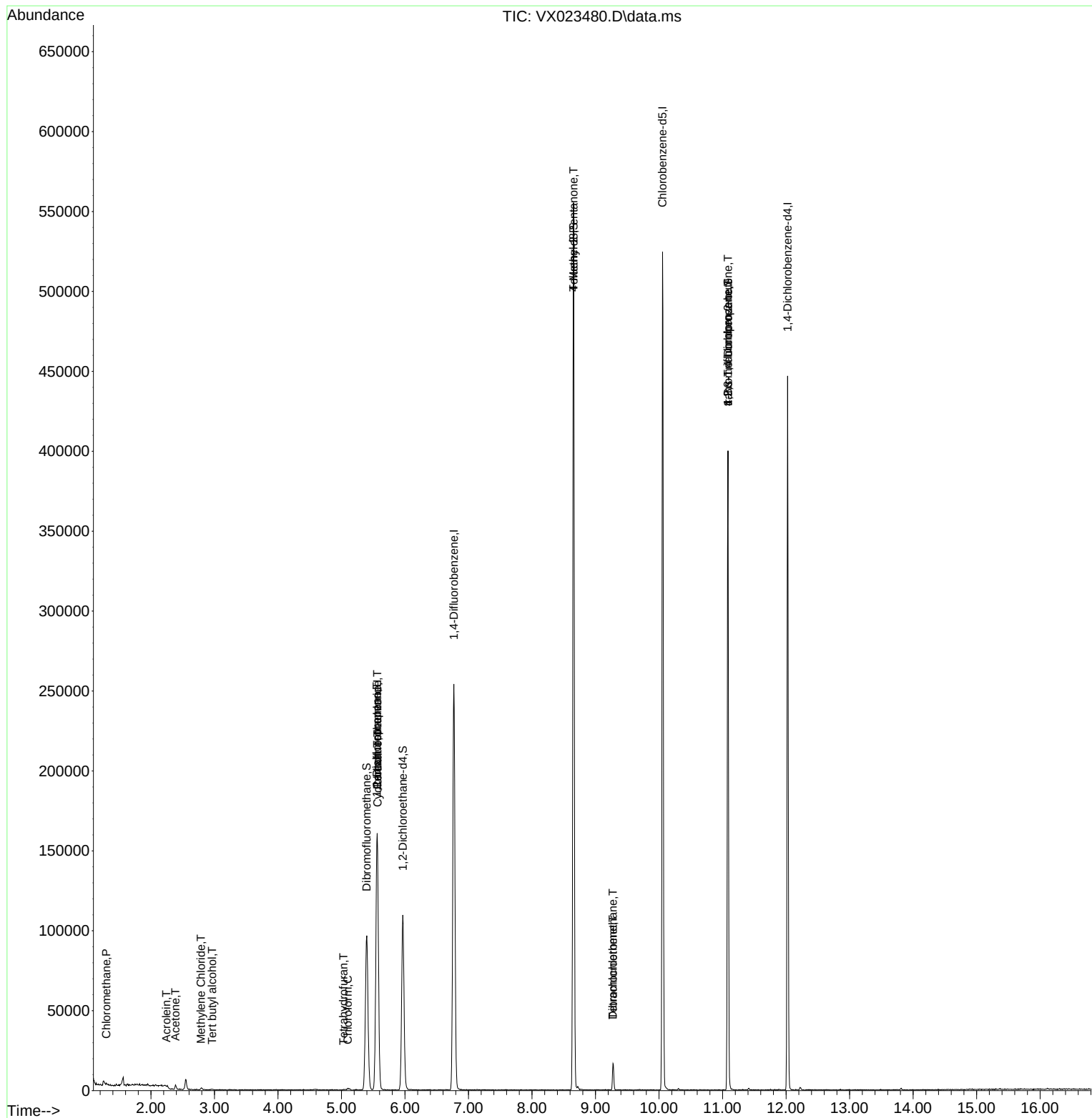
Internal Standards						
1) Pentafluorobenzene	5.562	168	154007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103433	53.840	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.680%		
35) Dibromofluoromethane	5.397	113	83312	51.034	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.060%		
50) Toluene-d8	8.653	98	318450	53.094	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.180%		
62) 4-Bromofluorobenzene	11.085	95	100085	49.073	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	430	0.261	ug/l	93
11) Tert butyl alcohol	2.965	59	255	0.581	ug/l #	73
13) Acrolein	2.239	56	46	1.569	ug/l #	1
16) Acetone	2.386	43	2751	2.919	ug/l	93
20) Methylene Chloride	2.788	84	609	0.332	ug/l #	70
29) Tetrahydrofuran	5.032	42	225	0.235	ug/l #	27
30) Chloroform	5.099	83	1327	0.434	ug/l	91
31) Cyclohexane	5.568	56	3536	1.243	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	12089	5.118	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15782	6.570	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1600	0.567	ug/l #	1
60) Dibromochloromethane	9.275	129	3135	3.529	ug/l #	11
64) Tetrachloroethene	9.275	164	3205	1.696	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	51836	26.269	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51836	70.633	ug/l #	12

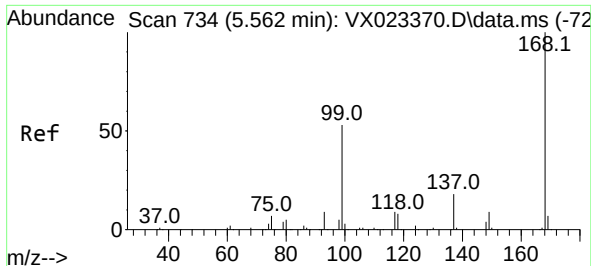
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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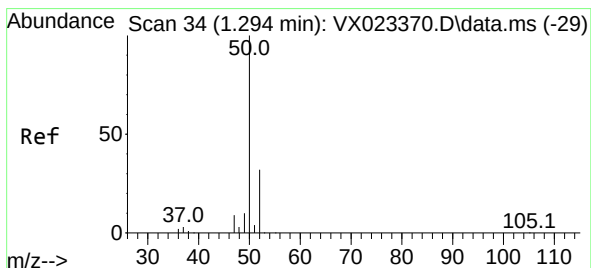
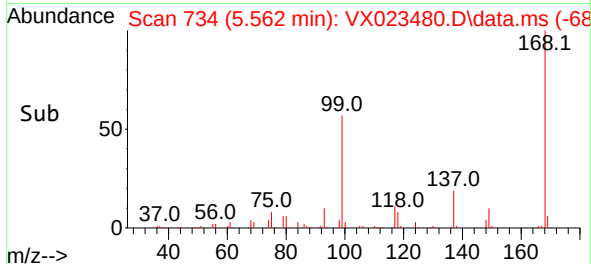
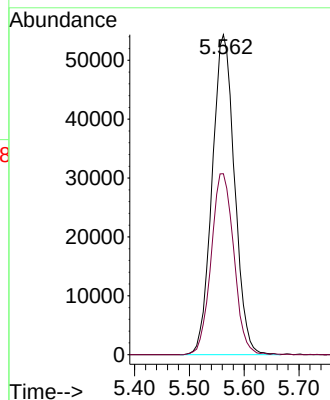
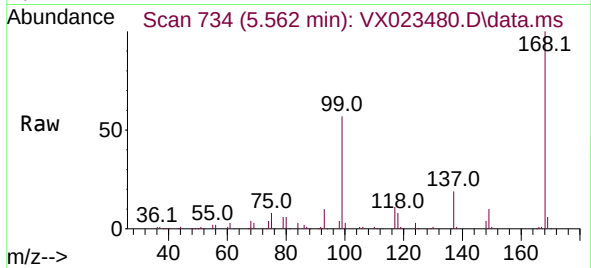




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

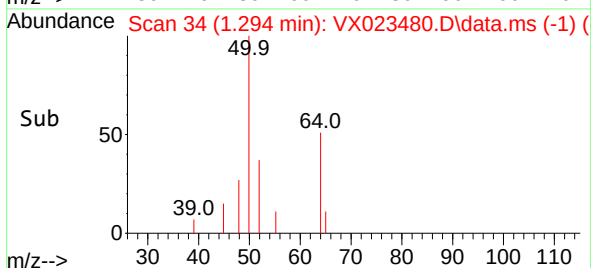
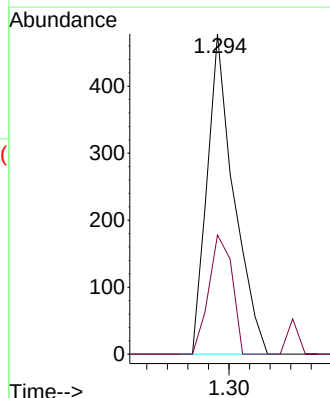
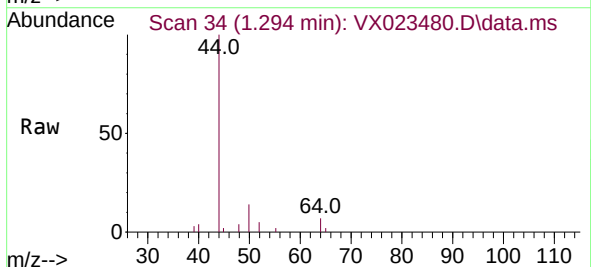
Instrument :
MSVOA_X
ClientSampled :

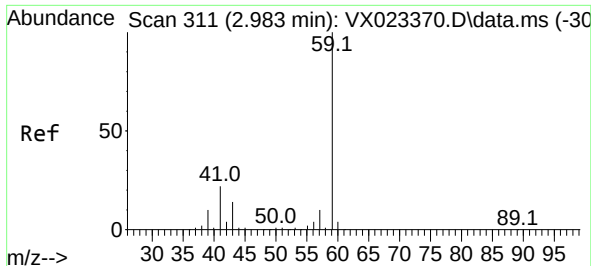
Tgt Ion:168 Resp: 154007
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 37.2 26.4 39.6



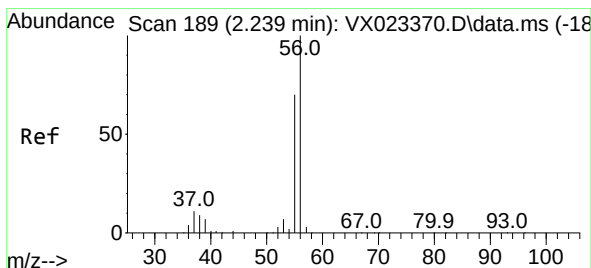
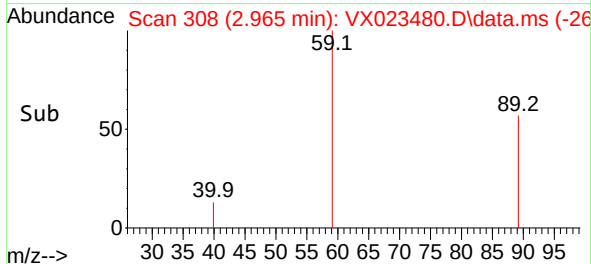
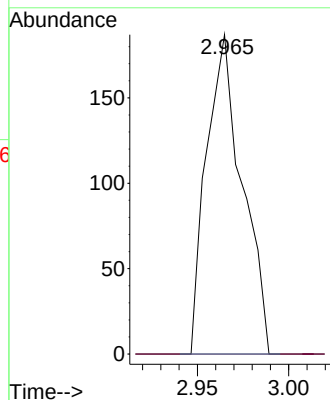
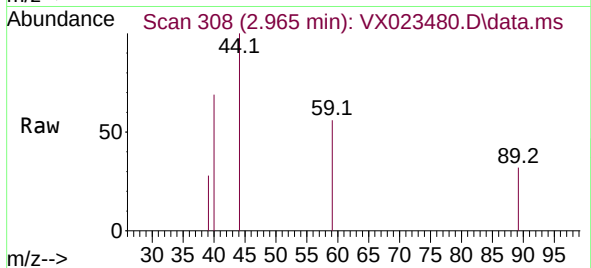


#11

Tert butyl alcohol
Concen: 0.581 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Instrument :
MSVOA_X
ClientSampled :

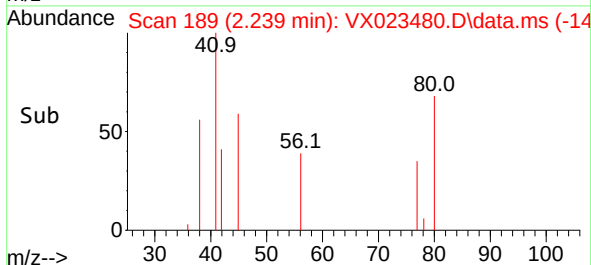
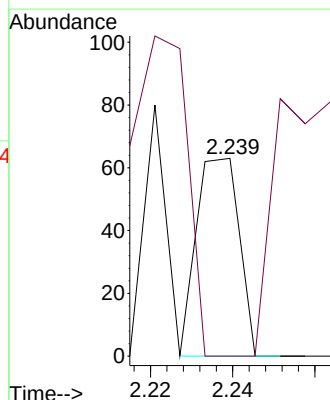
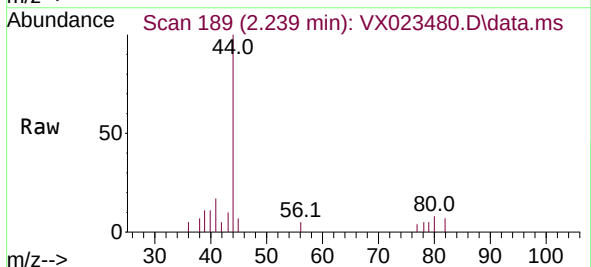
Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

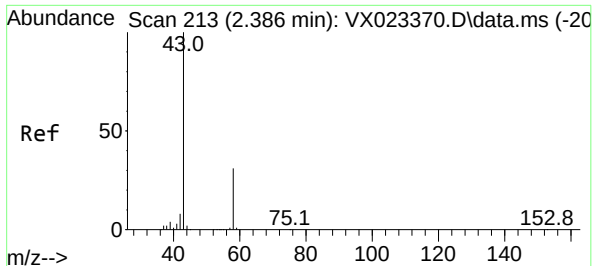


#13

Acrolein
Concen: 1.569 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 189.1 56.4 84.6#

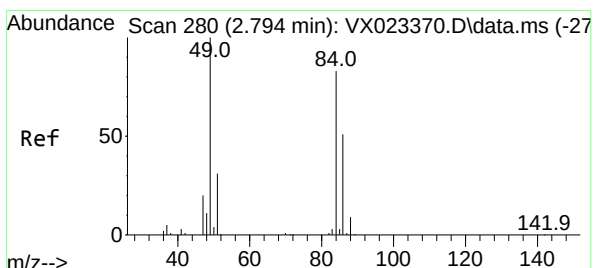
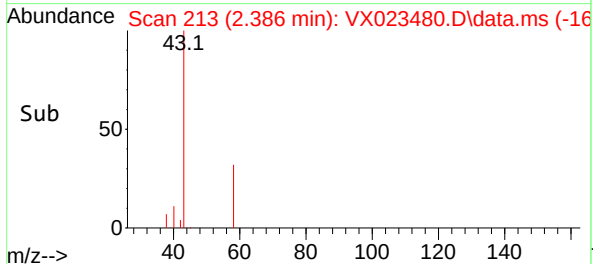
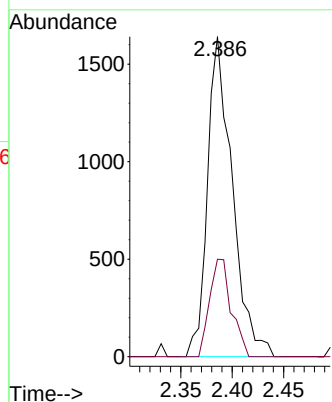
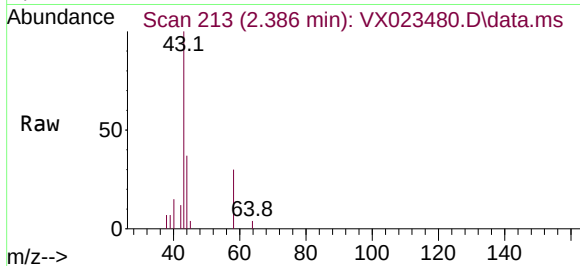




#16
Acetone
Concen: 2.919 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

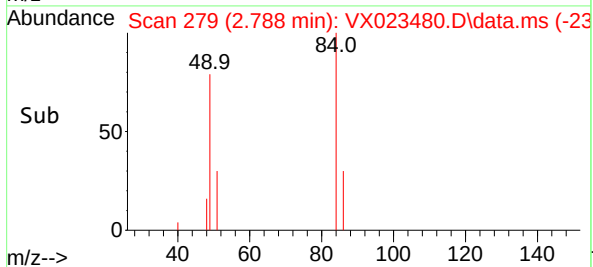
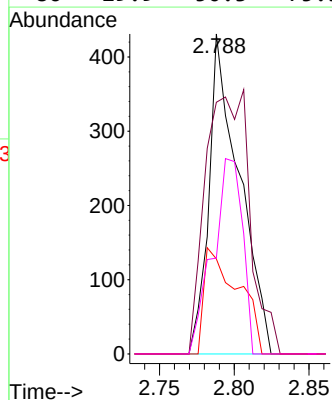
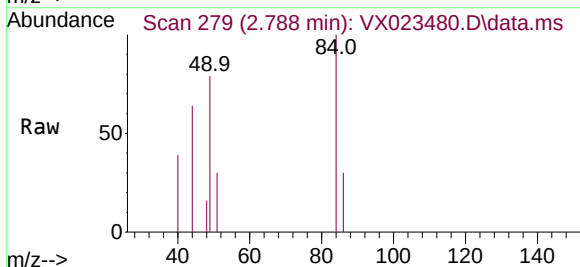
Instrument :
MSVOA_X
ClientSampled :

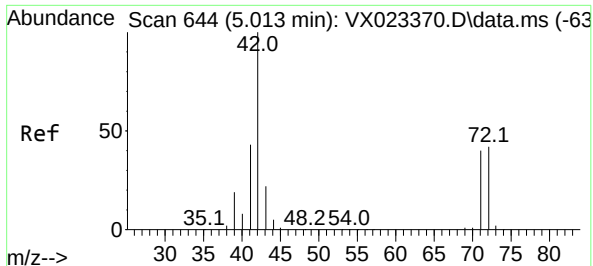
Tgt Ion: 43 Resp: 2751
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.332 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 84 Resp: 609
Ion Ratio Lower Upper
84 100
49 78.7 88.6 132.8#
51 29.7 27.0 40.6
86 29.9 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.235 ug/l

RT: 5.032 min Scan# 647

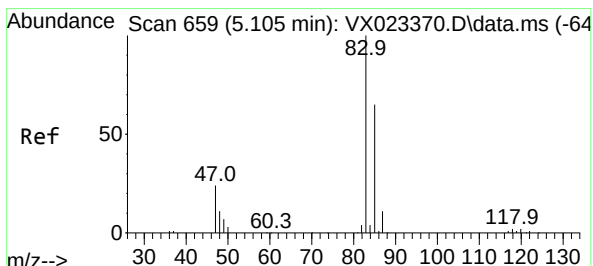
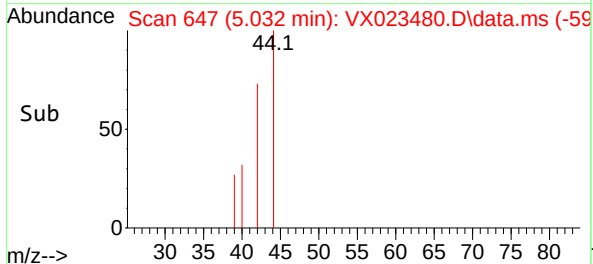
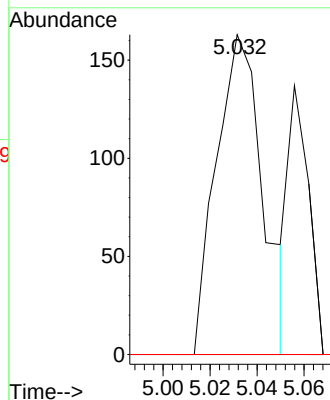
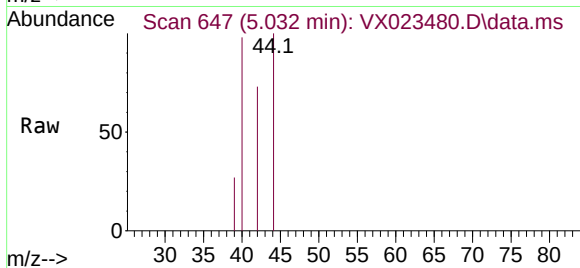
Delta R.T. 0.019 min

Lab File: VX023480.D

Acq: 27 Jul 2021 16:24

Tgt Ion: 42	Resp: 225
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#

Instrument :
MSVOA_X
ClientSampleId :



#30

Chloroform

Concen: 0.434 ug/l

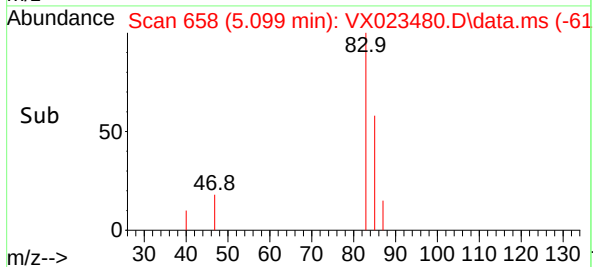
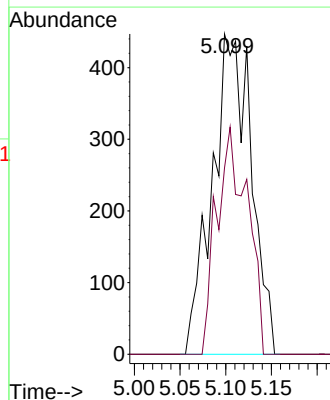
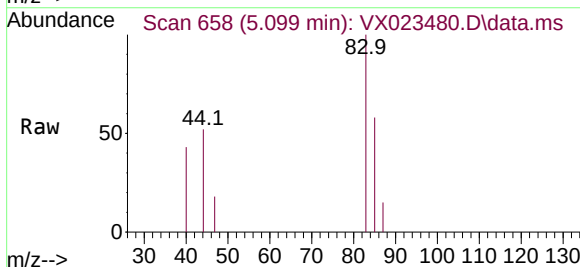
RT: 5.099 min Scan# 658

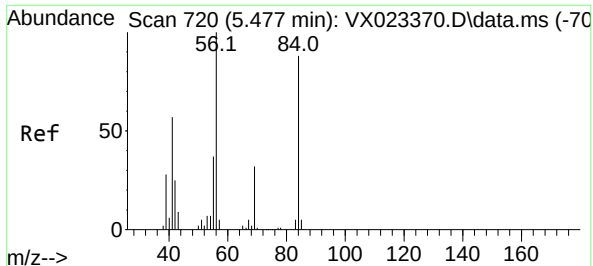
Delta R.T. -0.006 min

Lab File: VX023480.D

Acq: 27 Jul 2021 16:24

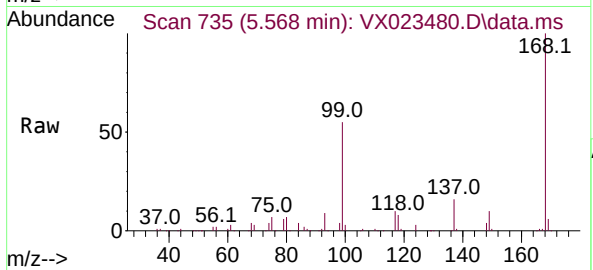
Tgt Ion: 83	Resp: 1327
Ion Ratio	Lower Upper
83 100	
85 58.2	52.0 78.0



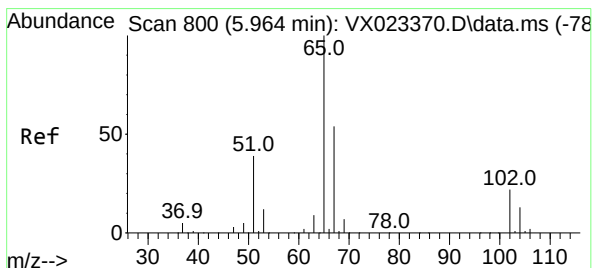
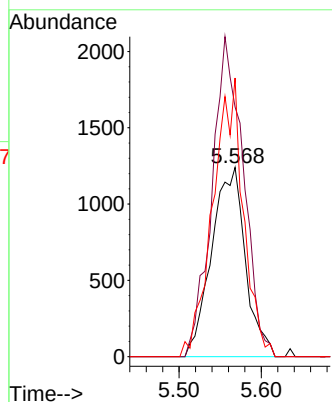
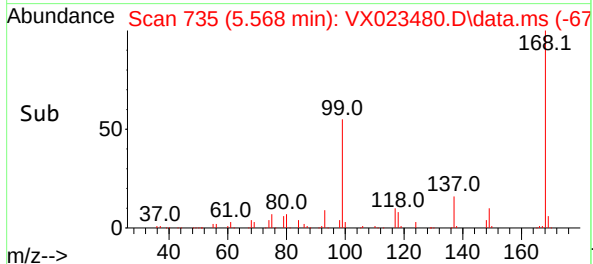


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

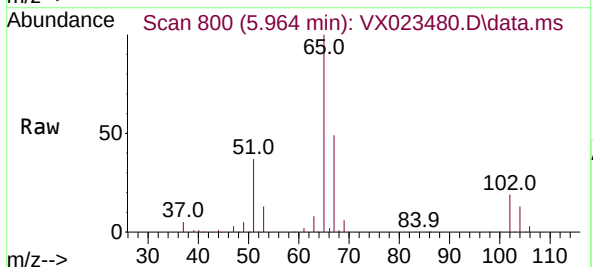
Instrument :
MSVOA_X
ClientSampled :



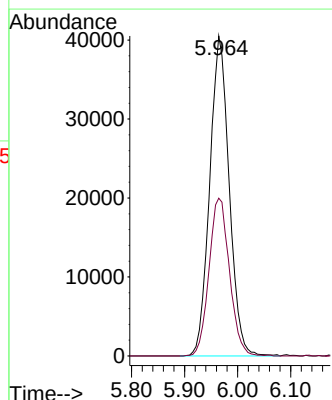
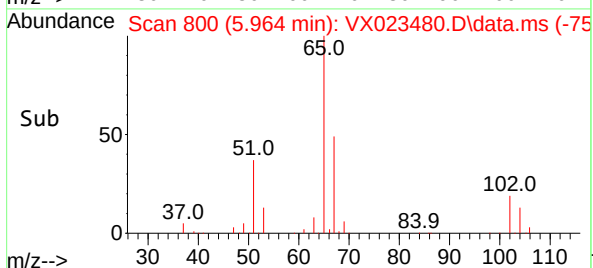
Tgt Ion: 56 Resp: 3536
Ion Ratio Lower Upper
56 100
69 131.9 25.3 37.9#
84 147.3 71.4 107.0#

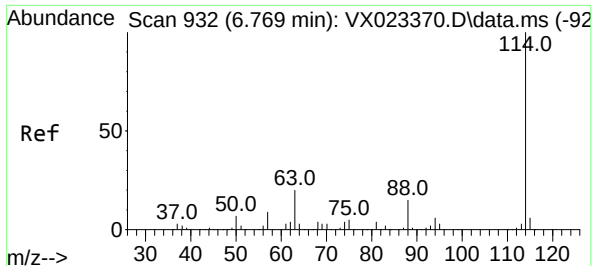


#33
1,2-Dichloroethane-d4
Concen: 53.840 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24



Tgt Ion: 65 Resp: 103433
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

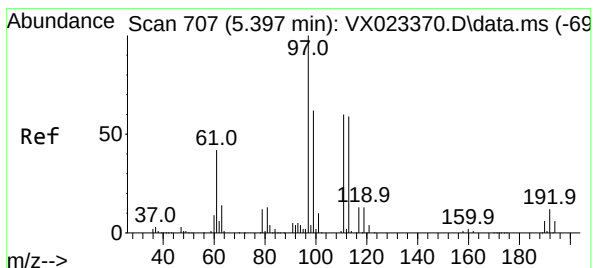
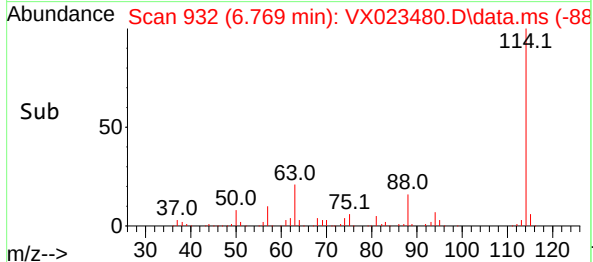
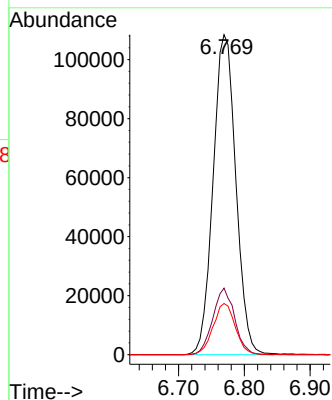
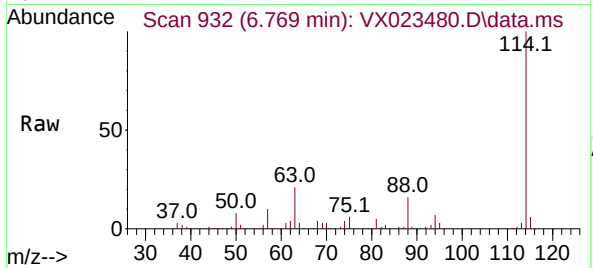




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

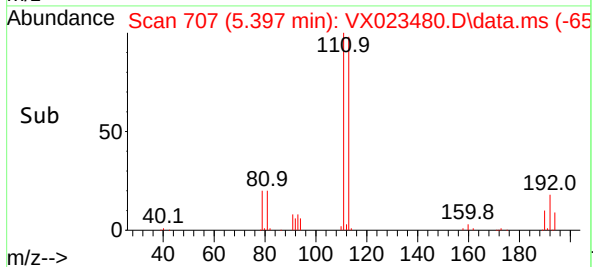
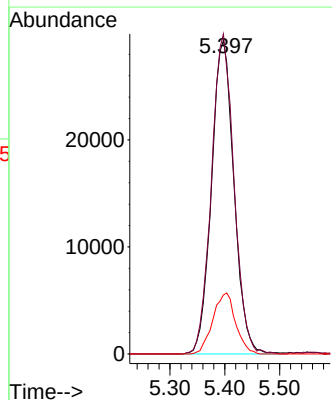
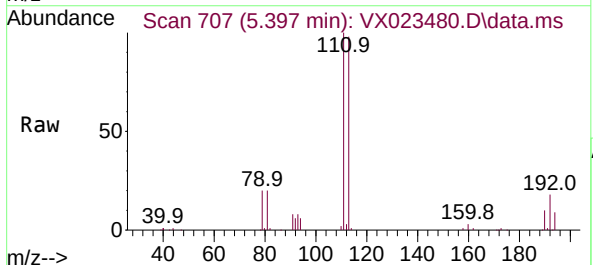
Instrument :
MSVOA_X
ClientSampled :

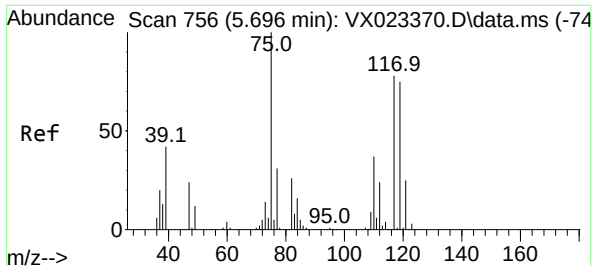
Tgt Ion:114 Resp: 261097
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.034 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion:113 Resp: 83312
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.7 16.7 25.1

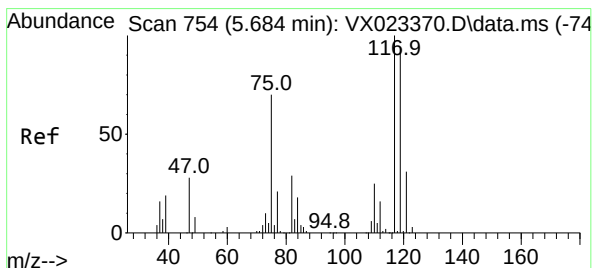
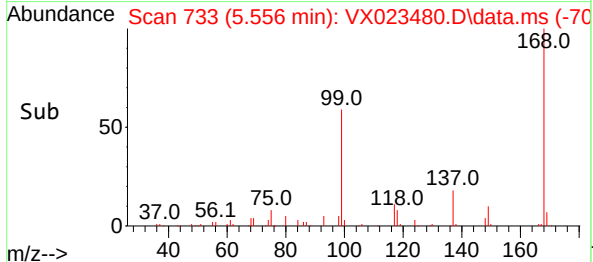
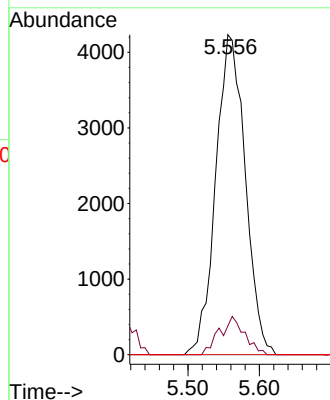
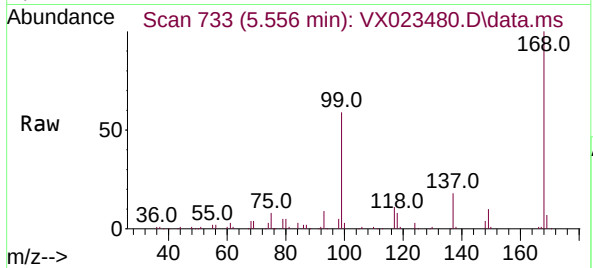




#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

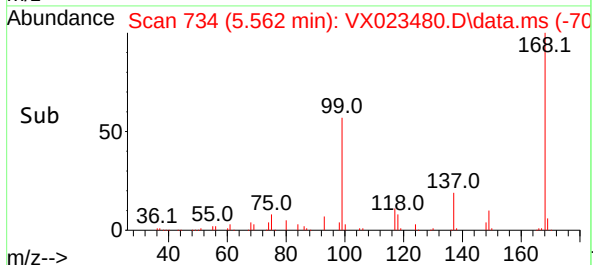
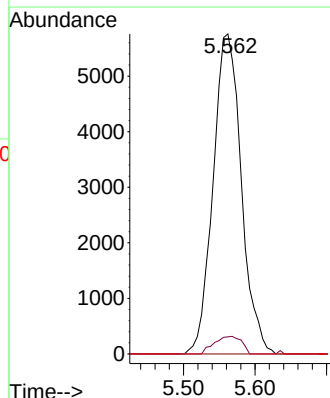
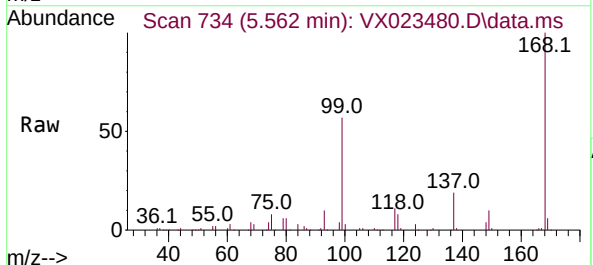
Instrument :
MSVOA_X
ClientSampled :

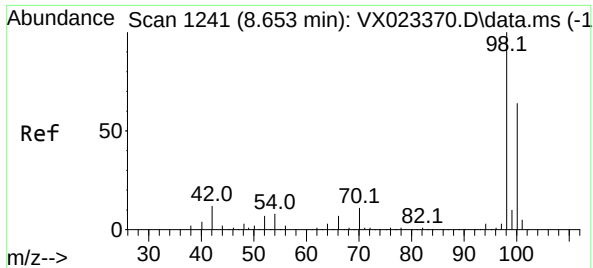
Tgt Ion: 75 Resp: 12089
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.570 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 117 Resp: 15782
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#

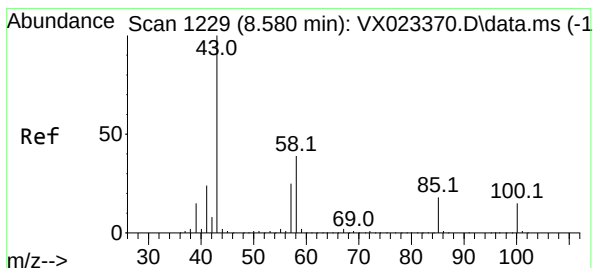
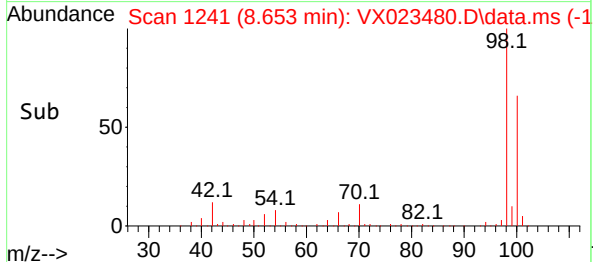
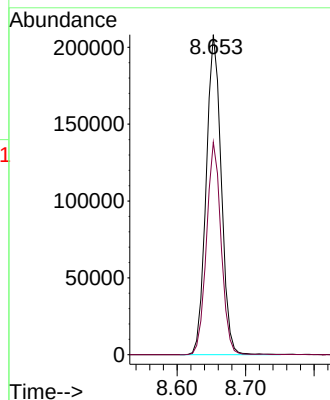
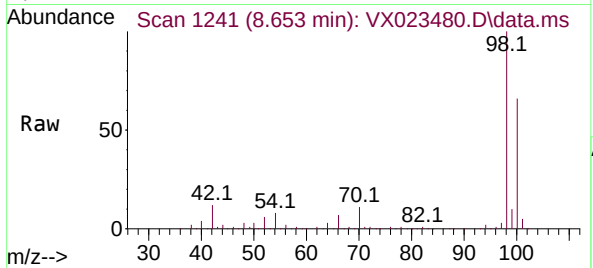




#50
Toluene-d8
Concen: 53.094 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

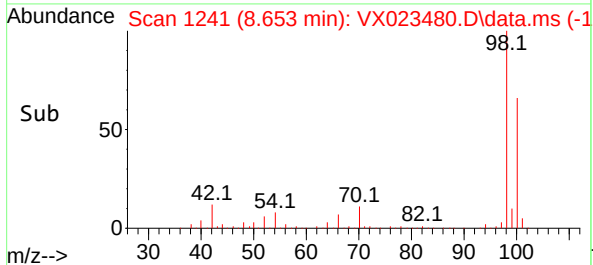
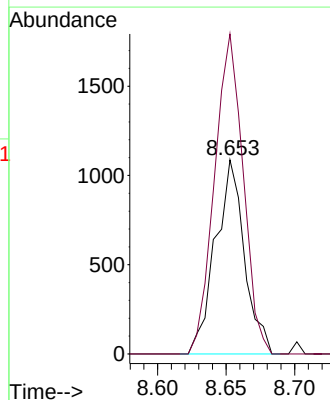
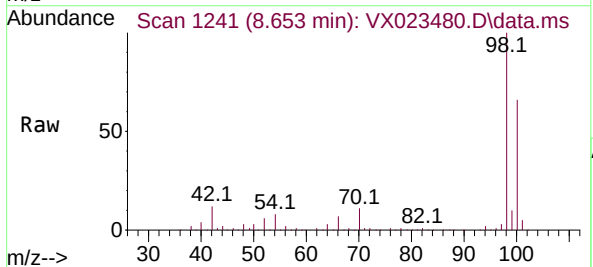
Instrument :
MSVOA_X
ClientSampled :

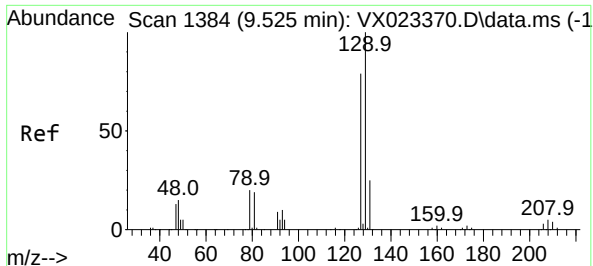
Tgt Ion: 98 Resp: 318450
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 43 Resp: 1600
Ion Ratio Lower Upper
43 100
58 162.9 35.4 53.0#

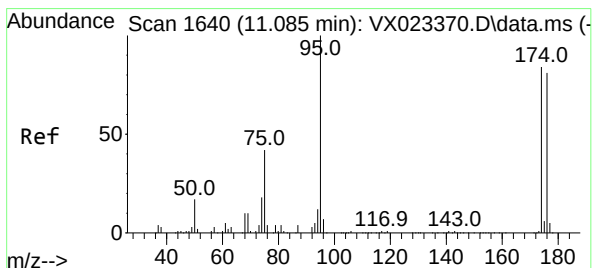
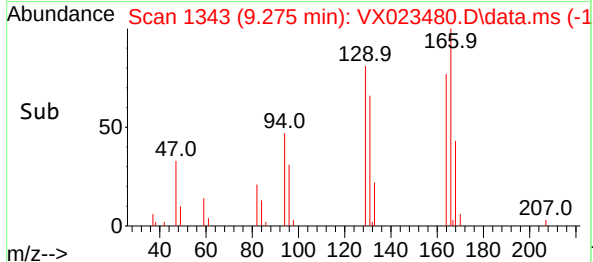
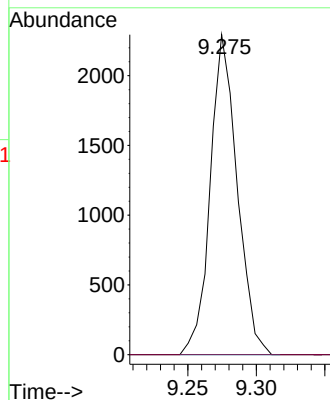
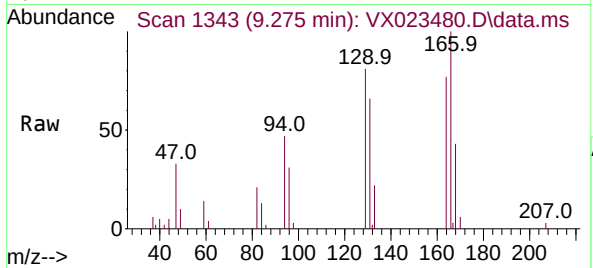




#60
Dibromochloromethane
Concen: 3.529 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

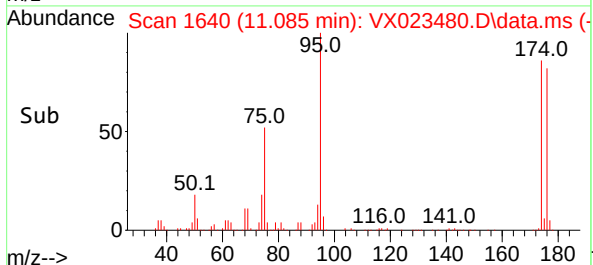
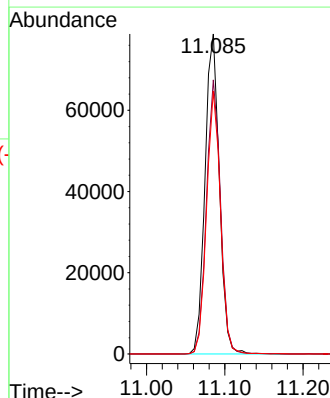
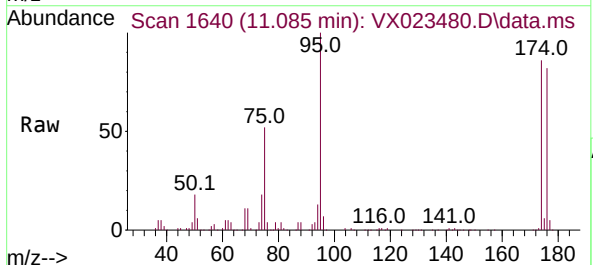
Instrument :
MSVOA_X
ClientSampled :

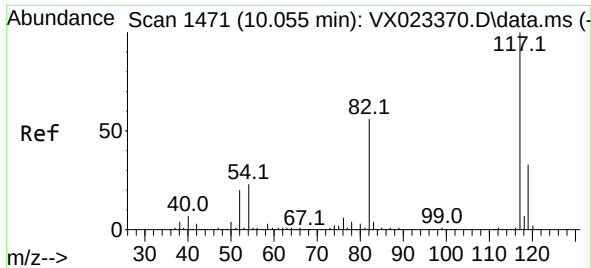
Tgt Ion:129 Resp: 3135
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.073 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 95 Resp: 100085
Ion Ratio Lower Upper
95 100
174 84.0 0.0 154.6
176 79.5 0.0 155.8

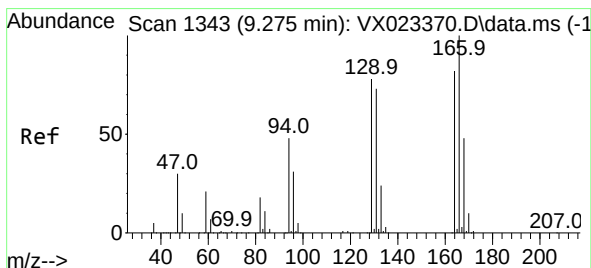
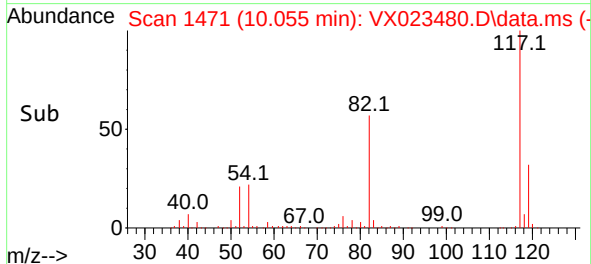
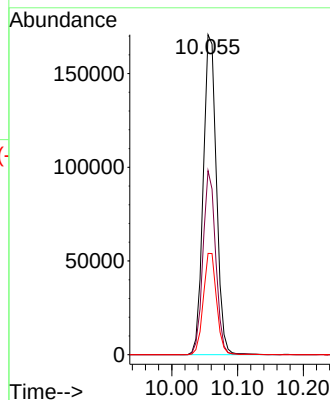
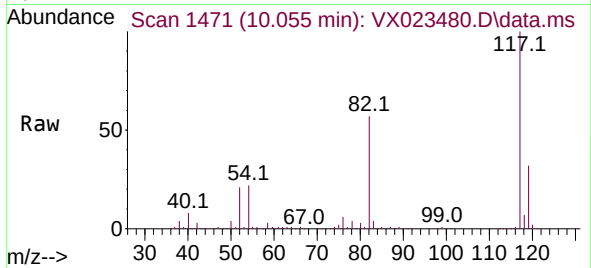




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

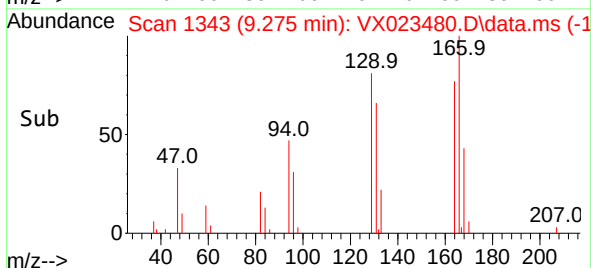
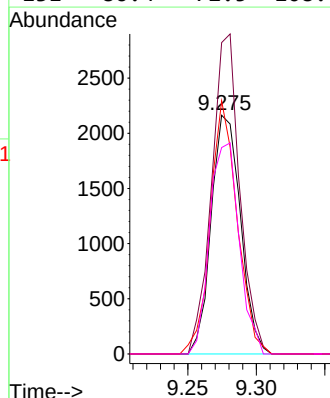
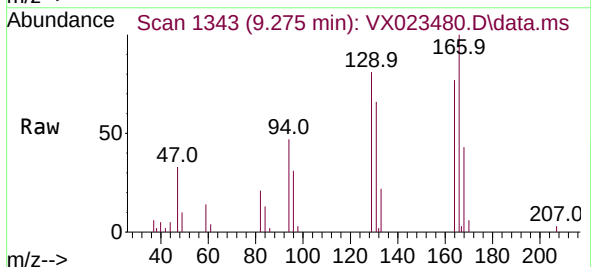
Instrument :
MSVOA_X
ClientSampled :

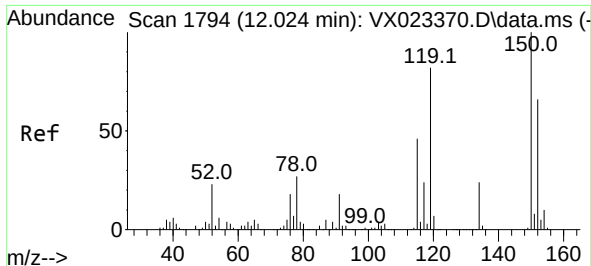
Tgt Ion:117 Resp: 237374
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 1.696 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion:164 Resp: 3205
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.2
129 106.0 70.8 106.2
131 86.4 72.5 108.7

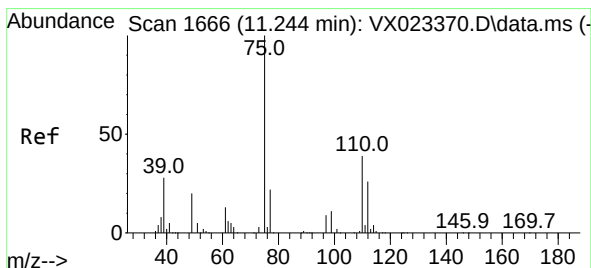
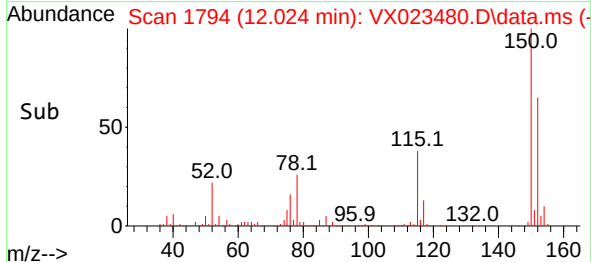
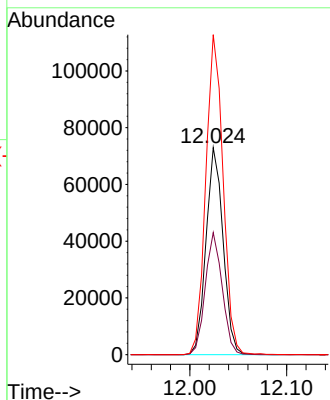
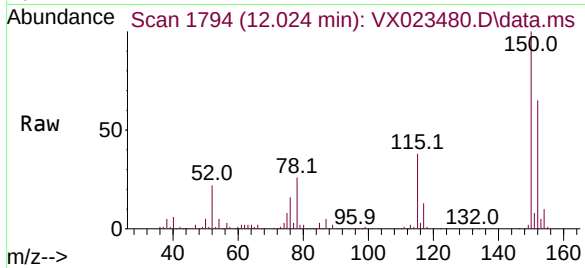




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023480.D
 Acq: 27 Jul 2021 16:24

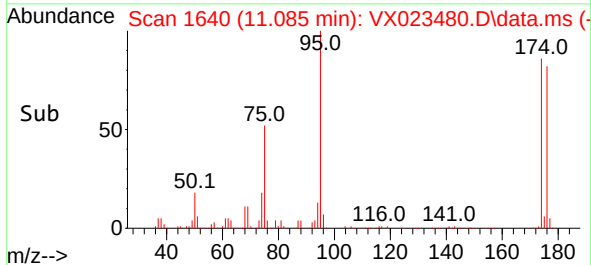
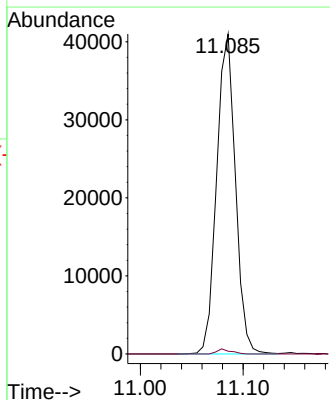
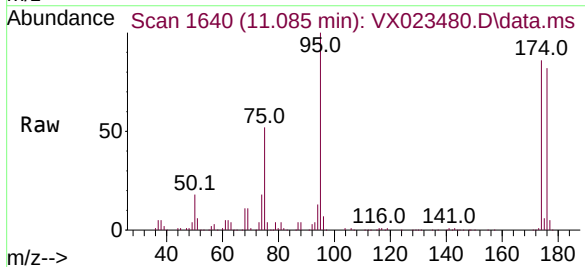
Instrument :
 MSVOA_X
 ClientSampled :

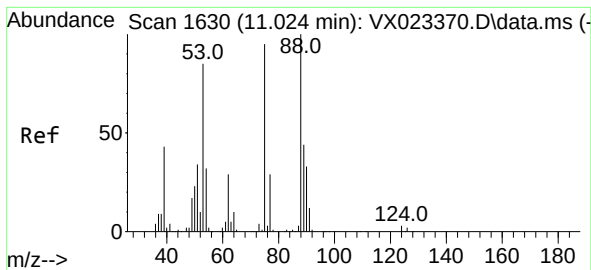
Tgt Ion:152 Resp: 89672
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 156.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.269 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023480.D
 Acq: 27 Jul 2021 16:24

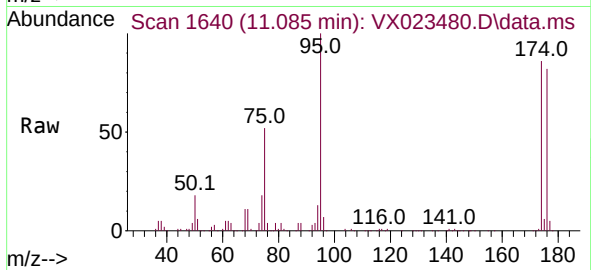
Tgt Ion: 75 Resp: 51836
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.633 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023480.D
 Acq: 27 Jul 2021 16:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 51836
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.1 37.9 56.9#

