

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023048.D
 Acq On : 30 Jun 2021 20:49
 Operator : JC/MD
 Sample : M2892-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:28:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

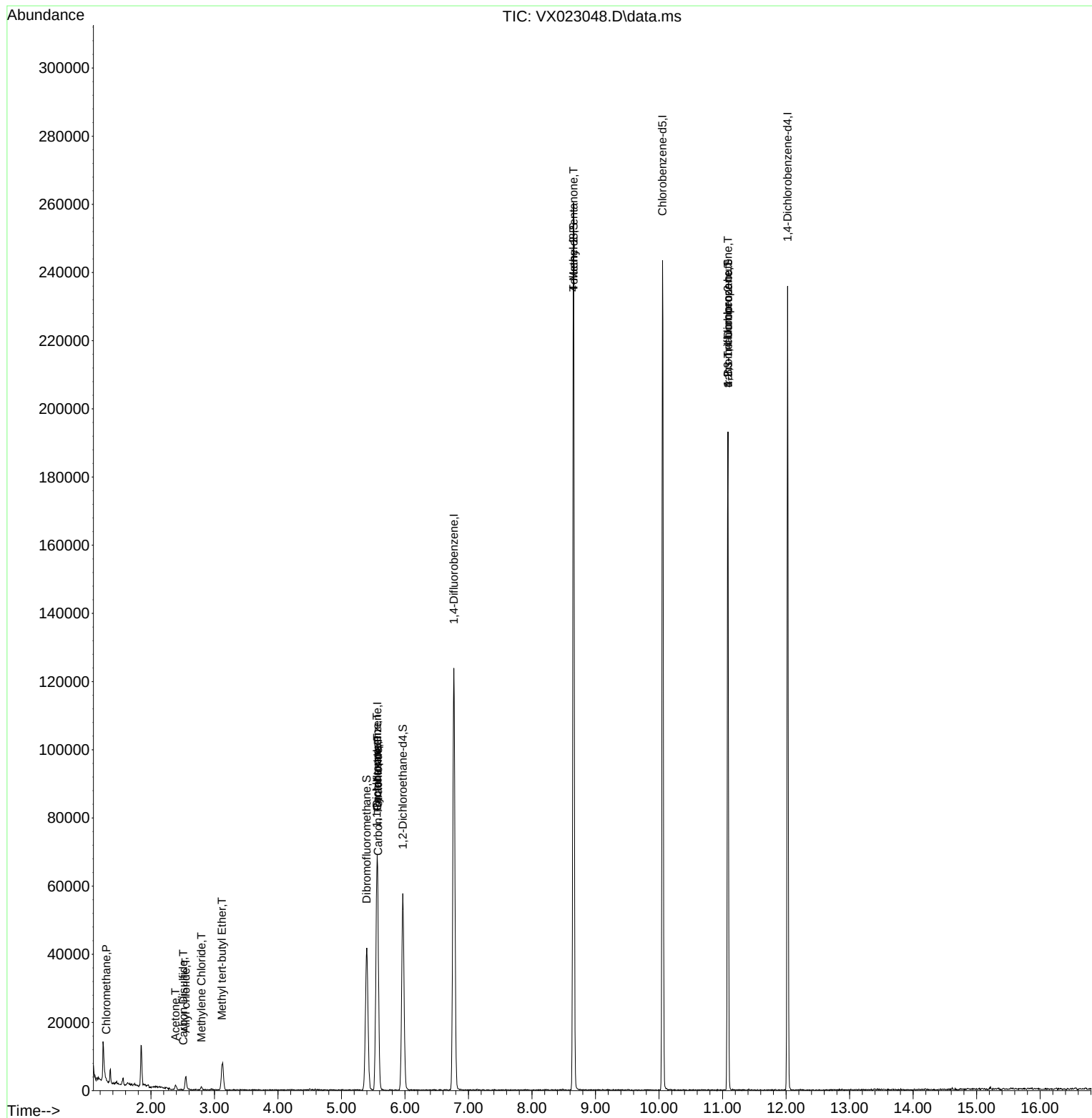
Internal Standards						
1) Pentafluorobenzene	5.562	168	54797	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52685	52.979	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.960%	
35) Dibromofluoromethane	5.397	113	35912	50.910	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.820%	
50) Toluene-d8	8.653	98	142164	51.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.840%	
62) 4-Bromofluorobenzene	11.085	95	50587	49.029	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	199	0.234	ug/l #	42
14) Allyl chloride	2.544	41	354	0.262	ug/l #	1
16) Acetone	2.386	43	1363	3.092	ug/l #	85
17) Carbon Disulfide	2.508	76	24	3.527	ug/l #	75
19) Methyl tert-butyl Ether	3.117	73	8750	3.432	ug/l	95
20) Methylene Chloride	2.794	84	365	0.787	ug/l #	78
31) Cyclohexane	5.562	56	1895	1.350	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	5873	4.978	ug/l #	46
38) Carbon Tetrachloride	5.574	117	6839	6.911	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	852	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	29862	28.623	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	29862	73.757	ug/l #	12

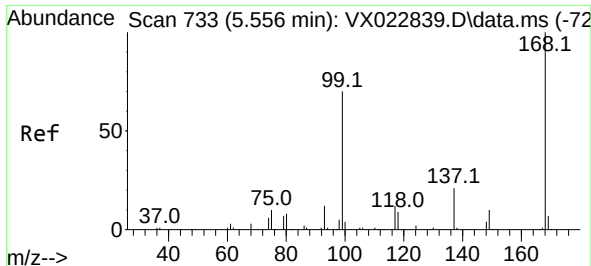
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

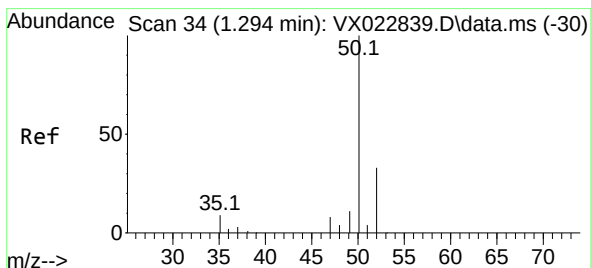
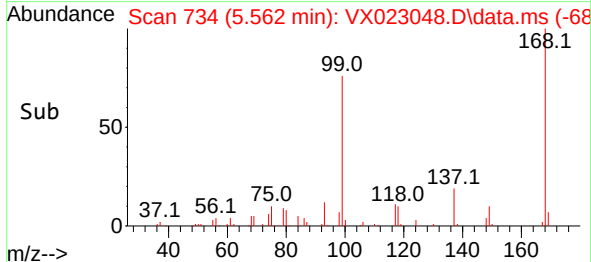
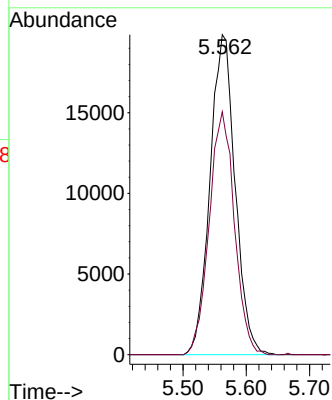
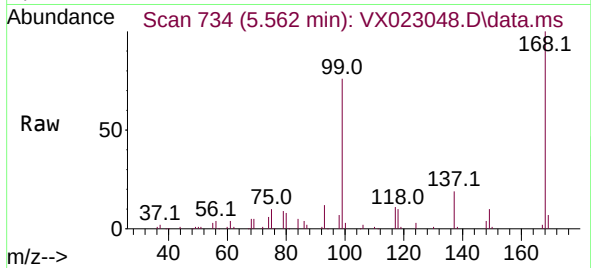




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

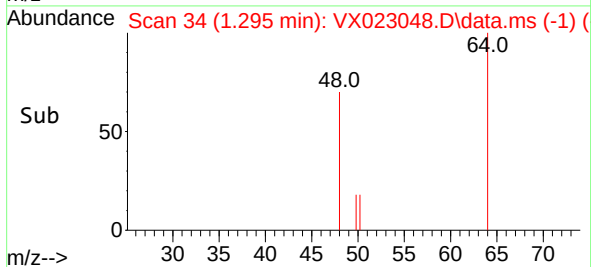
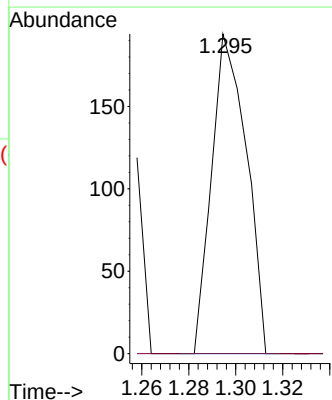
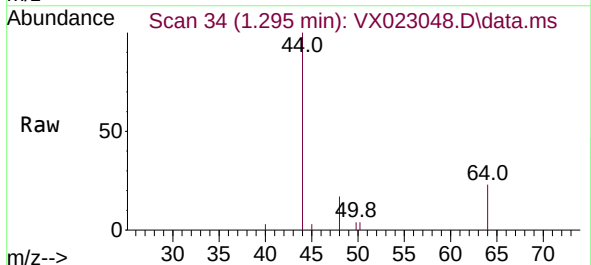
Instrument :
MSVOA_X
ClientSampled :

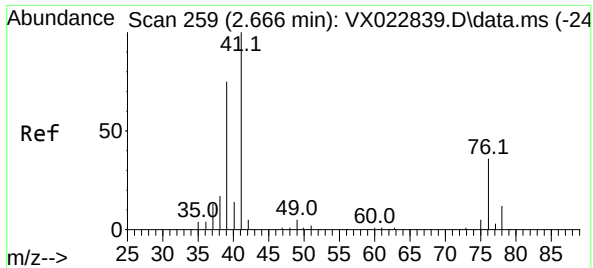
Tgt Ion:168 Resp: 54797
Ion Ratio Lower Upper
168 100
99 75.9 45.8 68.6#



#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

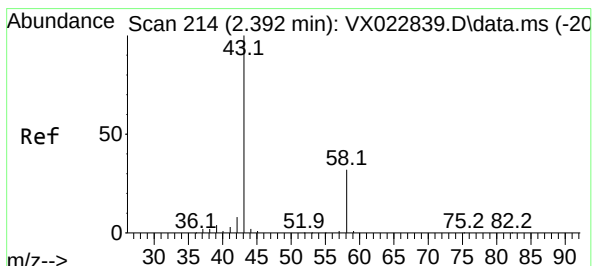
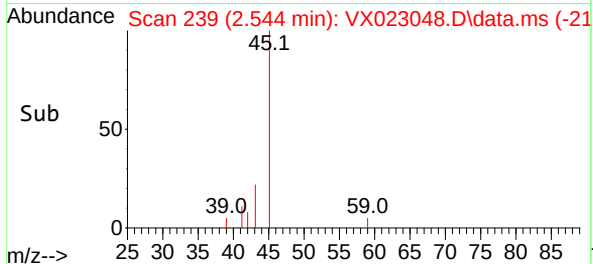
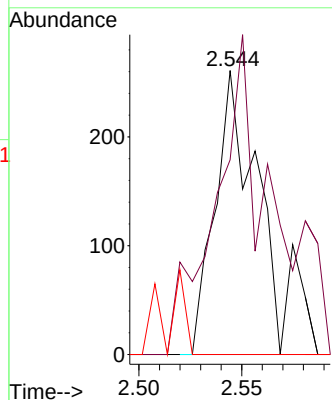
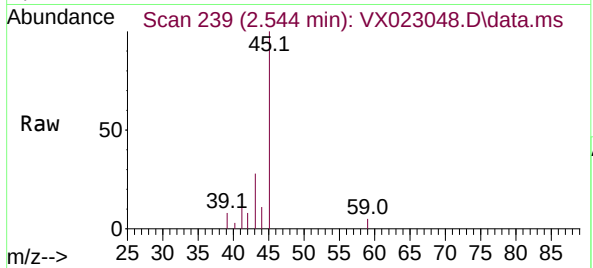




#14
 Allyl chloride
 Concen: 0.262 ug/l
 RT: 2.544 min Scan# 239
 Delta R.T. -0.122 min
 Lab File: VX023048.D
 Acq: 30 Jun 2021 20:49

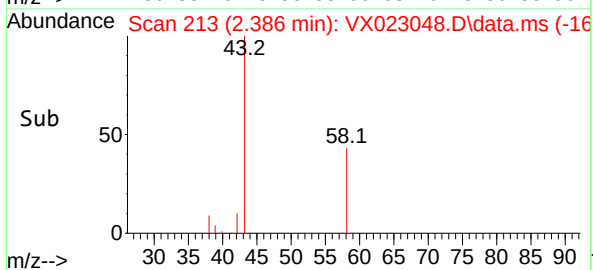
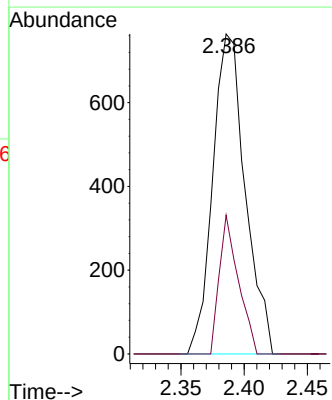
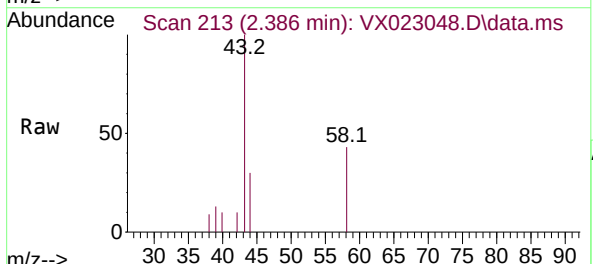
Instrument :
 MSVOA_X
 ClientSampled :

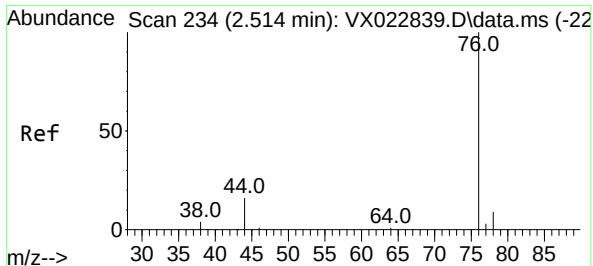
Tgt Ion:	41	Resp:	354
Ion	Ratio	Lower	Upper
41	100		
39	160.7	51.6	77.4#
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: 3.092 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX023048.D
 Acq: 30 Jun 2021 20:49

Tgt Ion:	43	Resp:	1363
Ion	Ratio	Lower	Upper
43	100		
58	43.3	27.8	41.8#

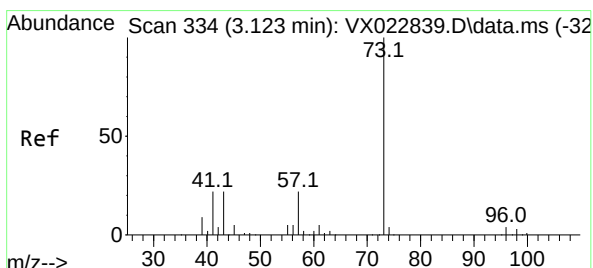
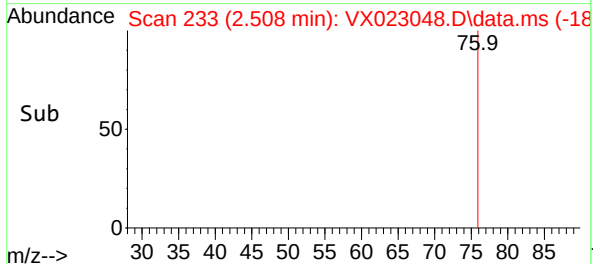
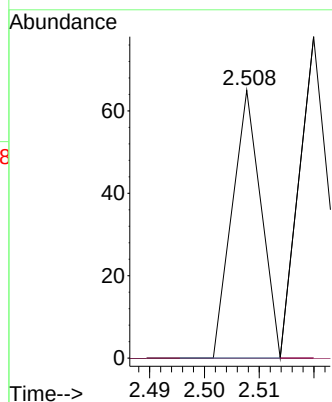
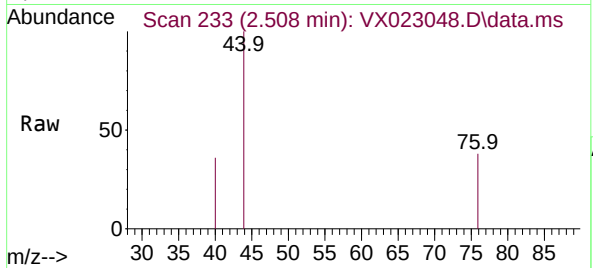




#17
Carbon Disulfide
Concen: 3.527 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

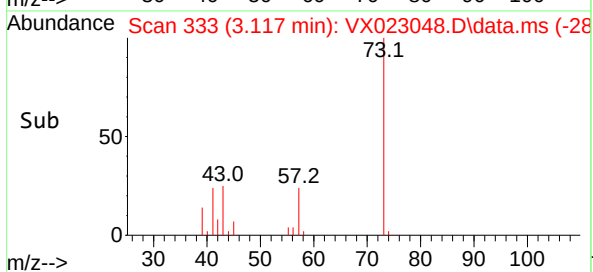
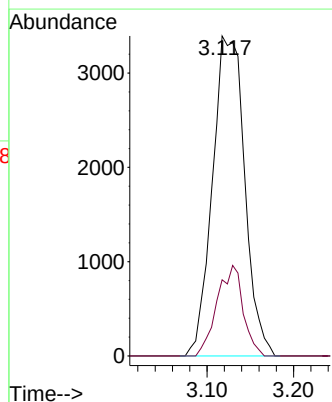
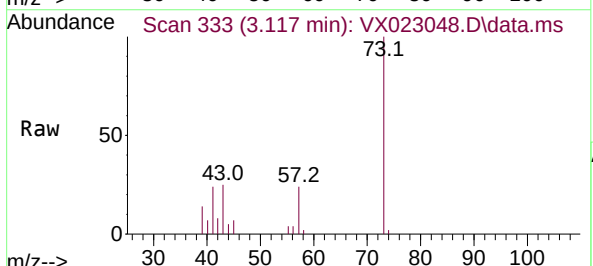
Instrument :
MSVOA_X
ClientSampled :

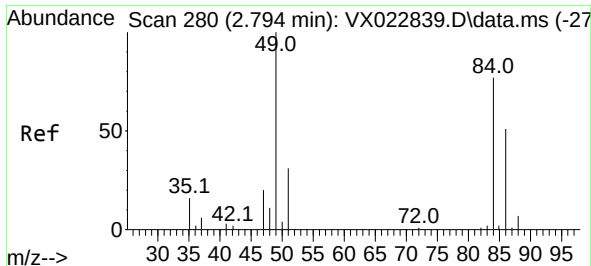
Tgt Ion: 76 Resp: 24
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 3.432 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion: 73 Resp: 8750
Ion Ratio Lower Upper
73 100
57 23.8 17.1 25.7





#20

Methylene Chloride

Concen: 0.787 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023048.D

Acq: 30 Jun 2021 20:49

Tgt Ion: 84 Resp: 365

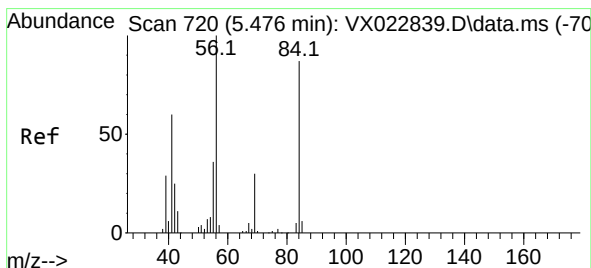
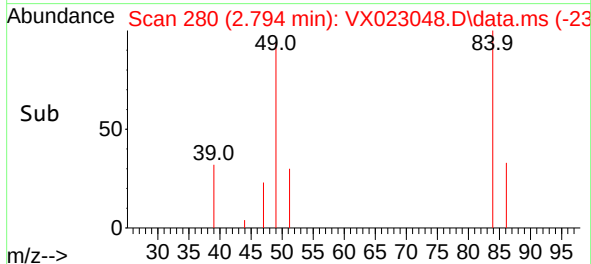
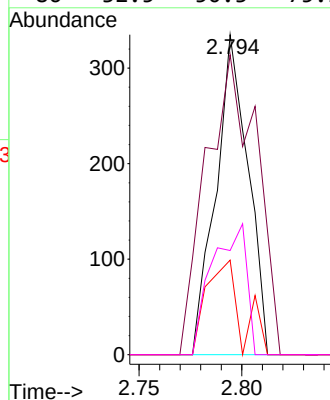
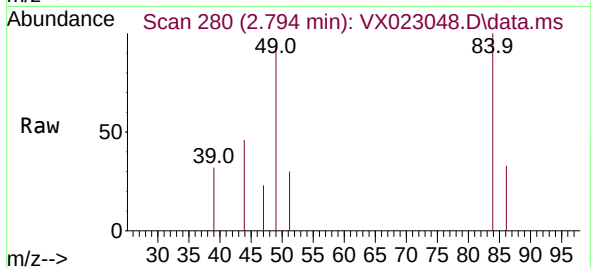
Ion Ratio Lower Upper

84 100

49 93.7 88.6 132.8

51 29.6 27.0 40.6

86 32.5 50.3 75.5#



#31

Cyclohexane

Concen: 1.350 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX023048.D

Acq: 30 Jun 2021 20:49

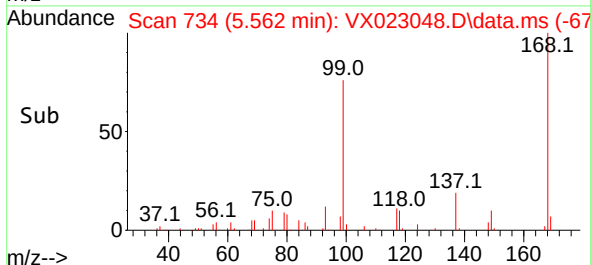
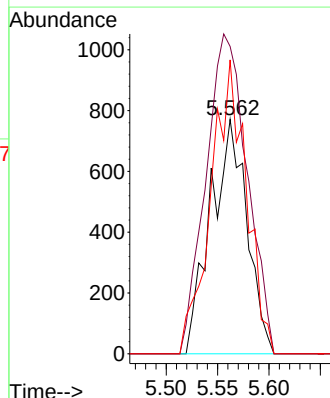
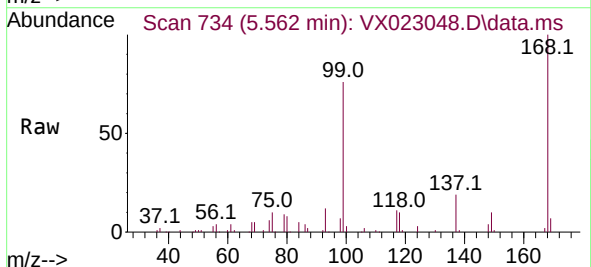
Tgt Ion: 56 Resp: 1895

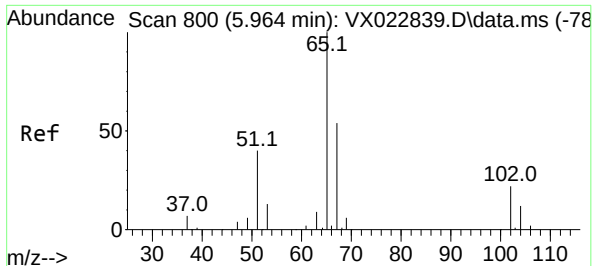
Ion Ratio Lower Upper

56 100

69 131.1 25.3 37.9#

84 125.4 71.4 107.0#



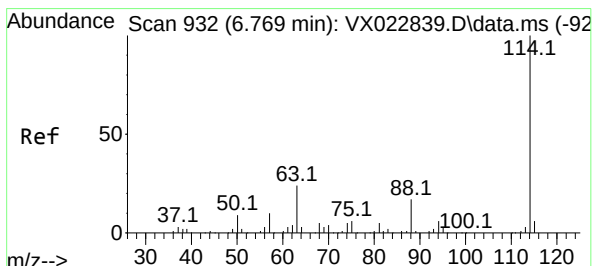
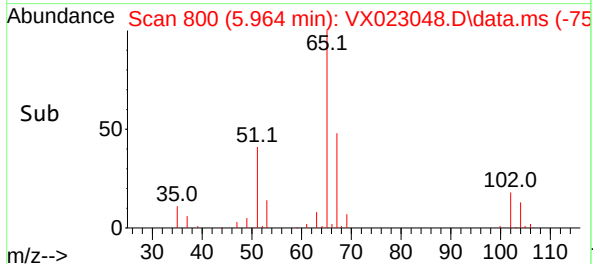
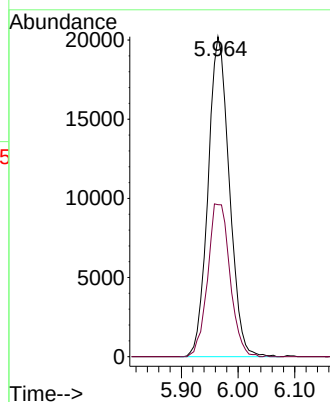
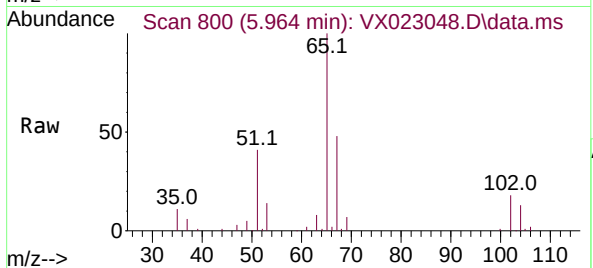


#33

1,2-Dichloroethane-d4
Concen: 52.979 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Instrument :
MSVOA_X
ClientSampled :

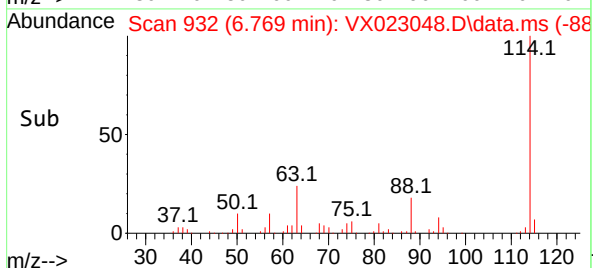
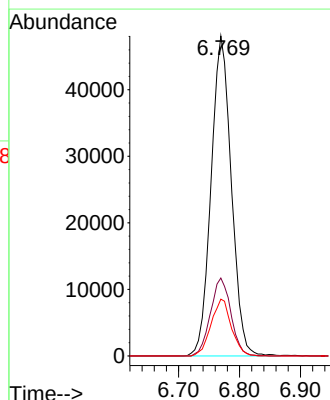
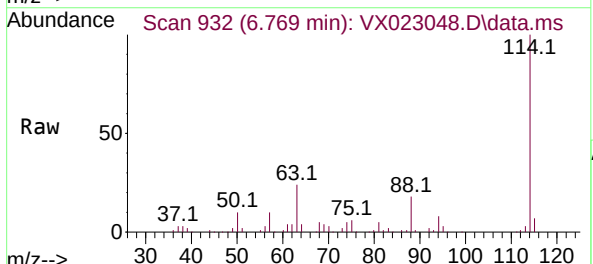
Tgt Ion: 65 Resp: 52685
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.4

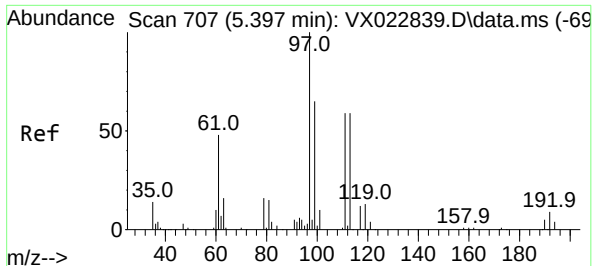


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion: 114 Resp: 111083
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 17.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.910 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023048.D

Acq: 30 Jun 2021 20:49

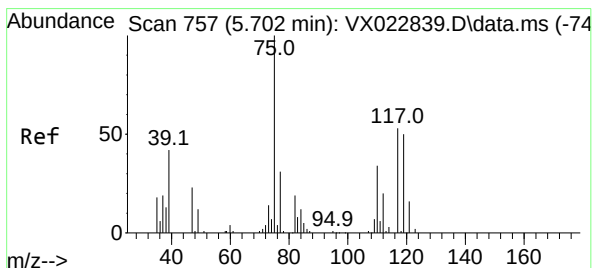
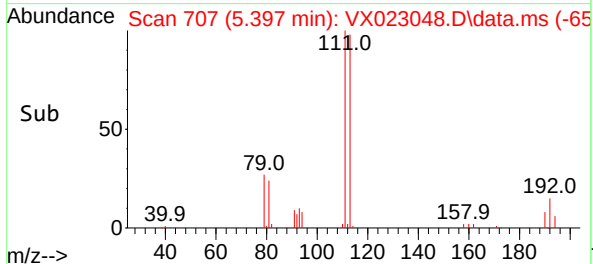
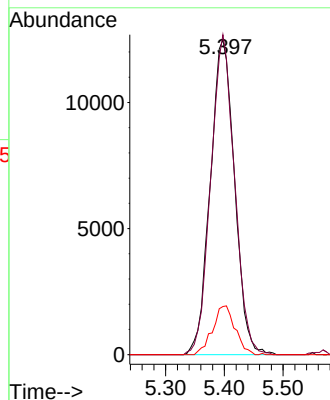
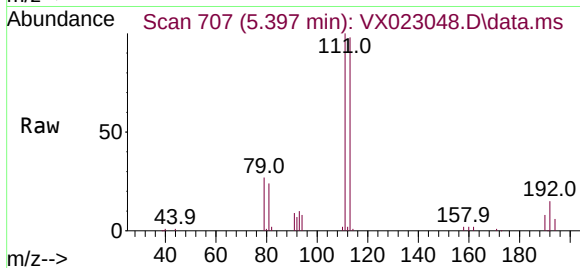
Tgt Ion:113 Resp: 35912

Ion Ratio Lower Upper

113 100

111 99.0 81.9 122.9

192 14.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.978 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023048.D

Acq: 30 Jun 2021 20:49

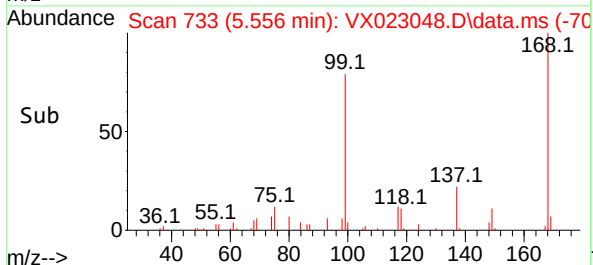
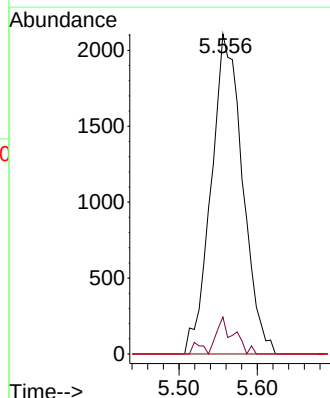
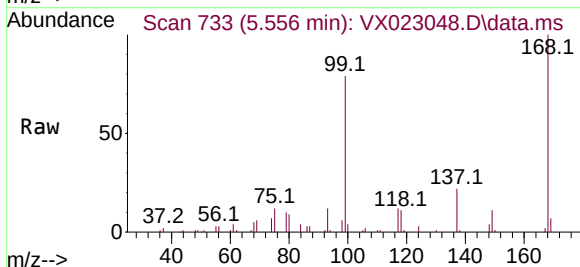
Tgt Ion: 75 Resp: 5873

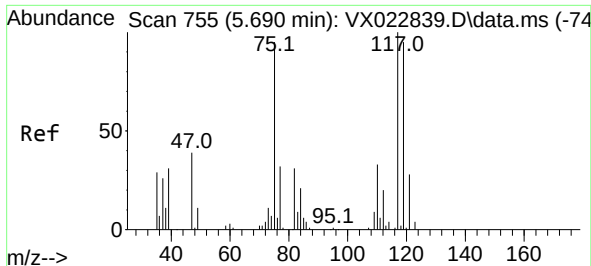
Ion Ratio Lower Upper

75 100

110 6.3 18.1 54.4#

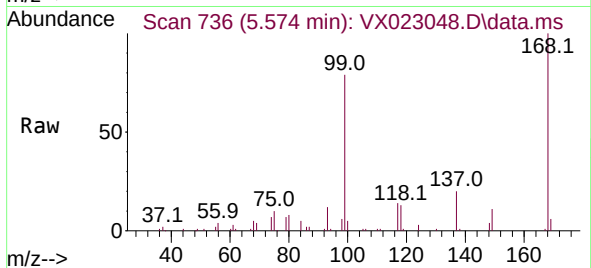
77 0.0 25.3 37.9#



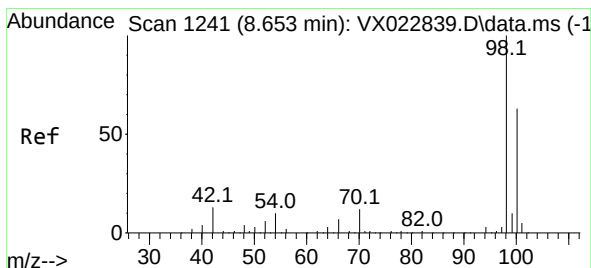
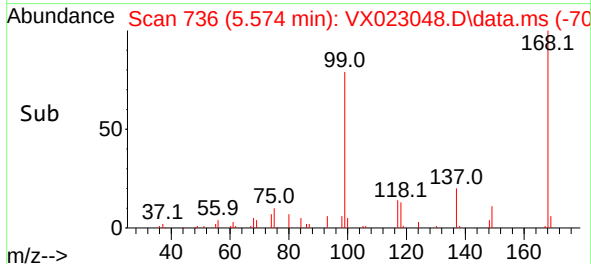
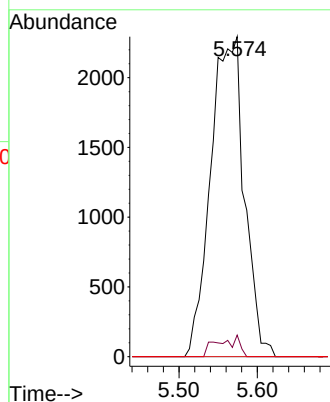


#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 5.574 min Scan# 736
Delta R.T. -0.116 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Instrument :
MSVOA_X
ClientSampled :

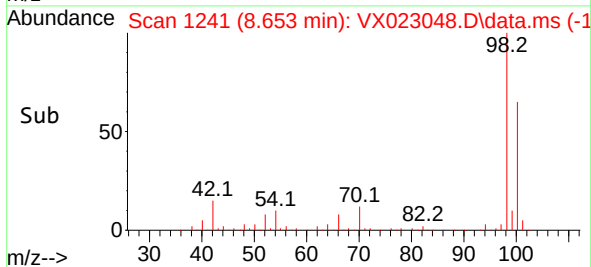
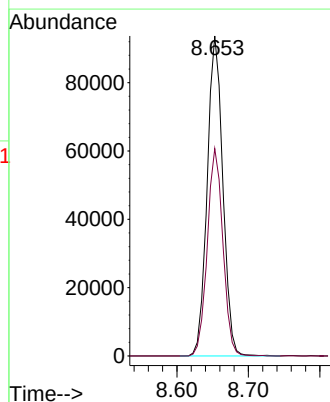
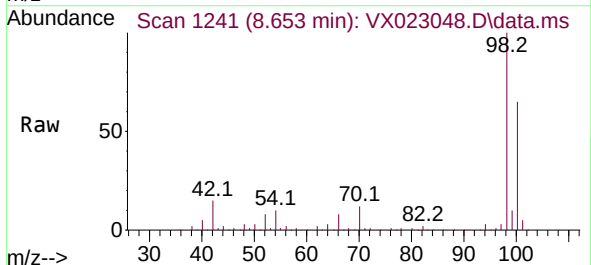


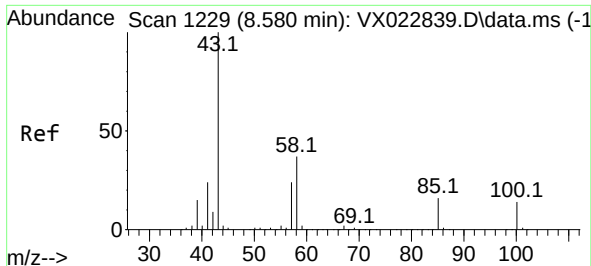
Tgt Ion:117 Resp: 6839
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.423 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion: 98 Resp: 142164
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

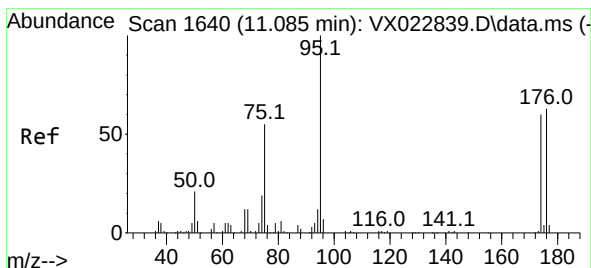
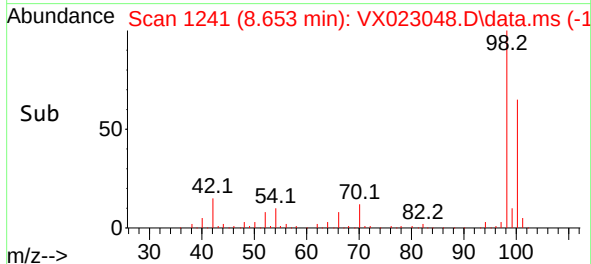
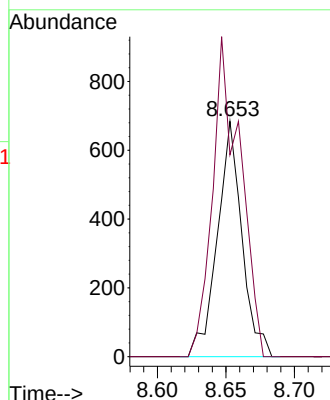
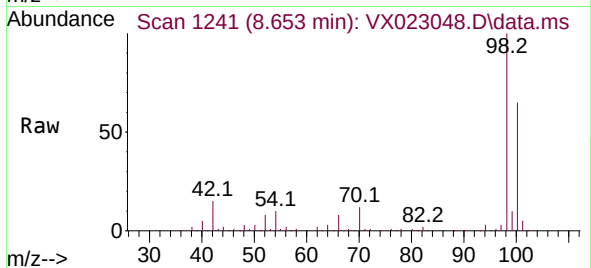




#51
4-Methyl-2-Pentanone
Concen: 0.623 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

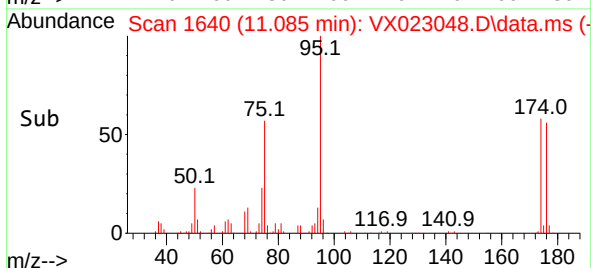
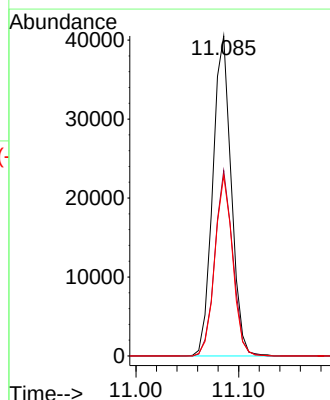
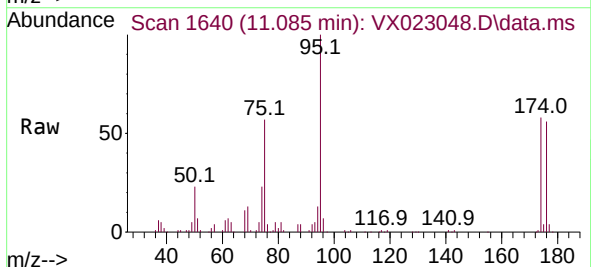
Instrument :
MSVOA_X
ClientSampled :

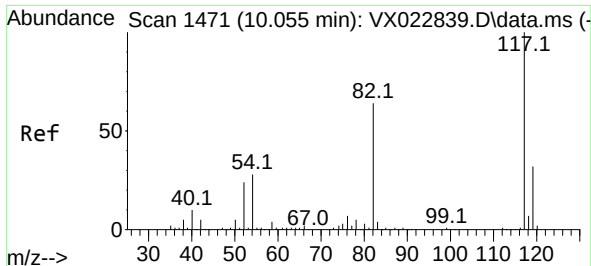
Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 153.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 49.029 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion: 95 Resp: 50587
Ion Ratio Lower Upper
95 100
174 56.0 0.0 154.6
176 54.3 0.0 155.8

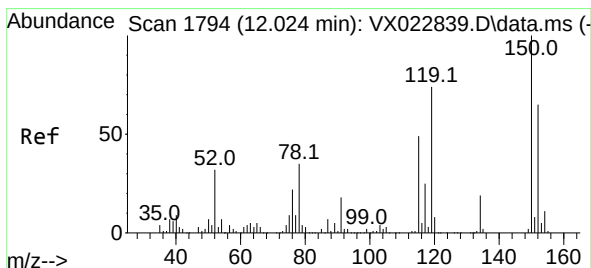
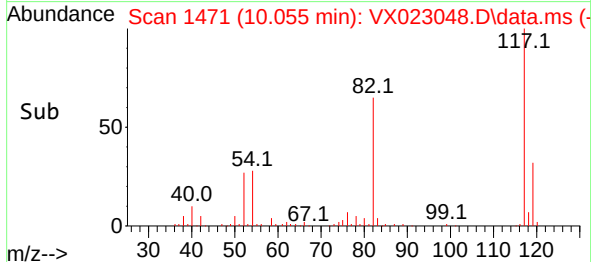
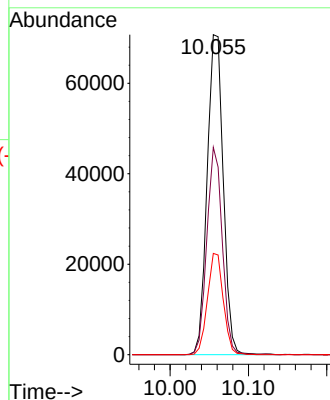
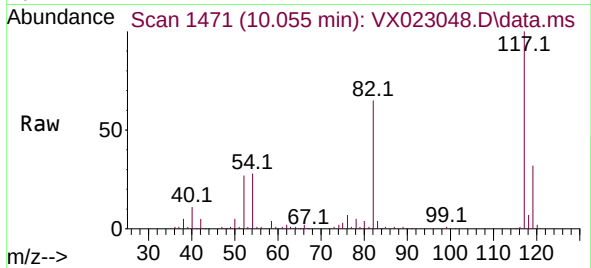




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

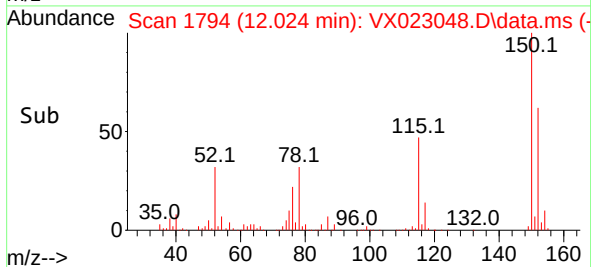
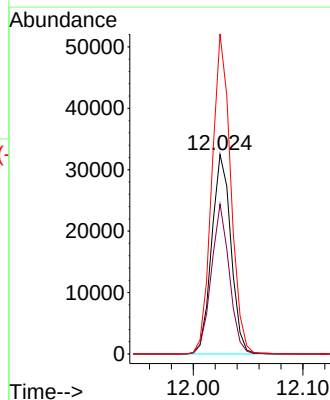
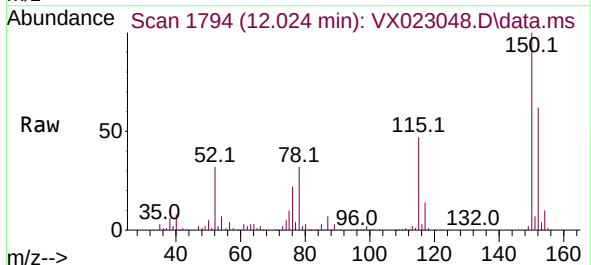
Instrument :
MSVOA_X
ClientSampled :

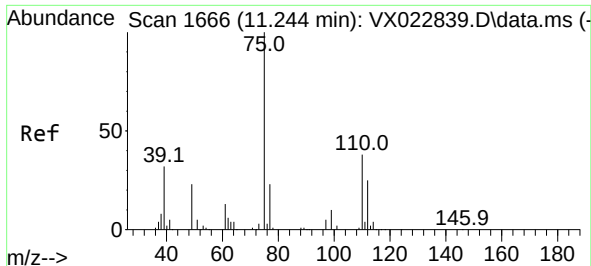
Tgt Ion:117 Resp: 100729
Ion Ratio Lower Upper
117 100
82 64.8 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion:152 Resp: 39497
Ion Ratio Lower Upper
152 100
115 70.7 41.1 123.3
150 157.7 0.0 349.0

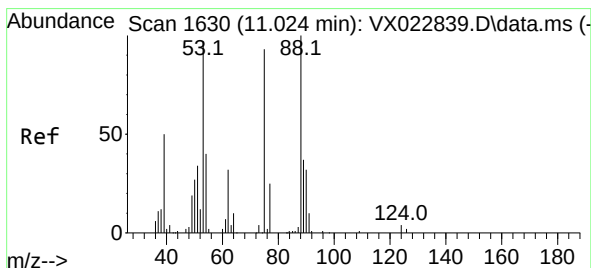
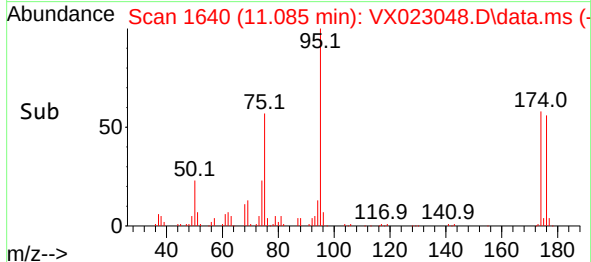
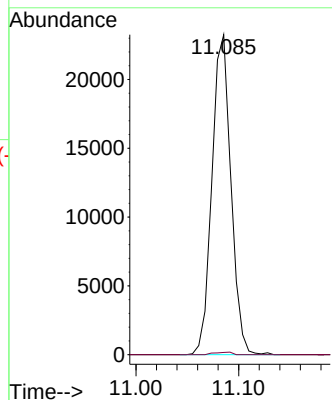
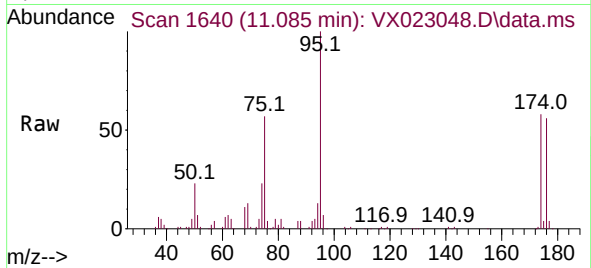




#76
1,2,3-Trichloropropane
Concen: 28.623 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29862
Ion Ratio Lower Upper
75 100
77 0.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.757 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023048.D
Acq: 30 Jun 2021 20:49

Tgt Ion: 75 Resp: 29862
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

