

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022748.D
 Acq On : 17 Jun 2021 18:13
 Operator : JC/MD
 Sample : M2750-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210616

Quant Time: Jun 18 01:18:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

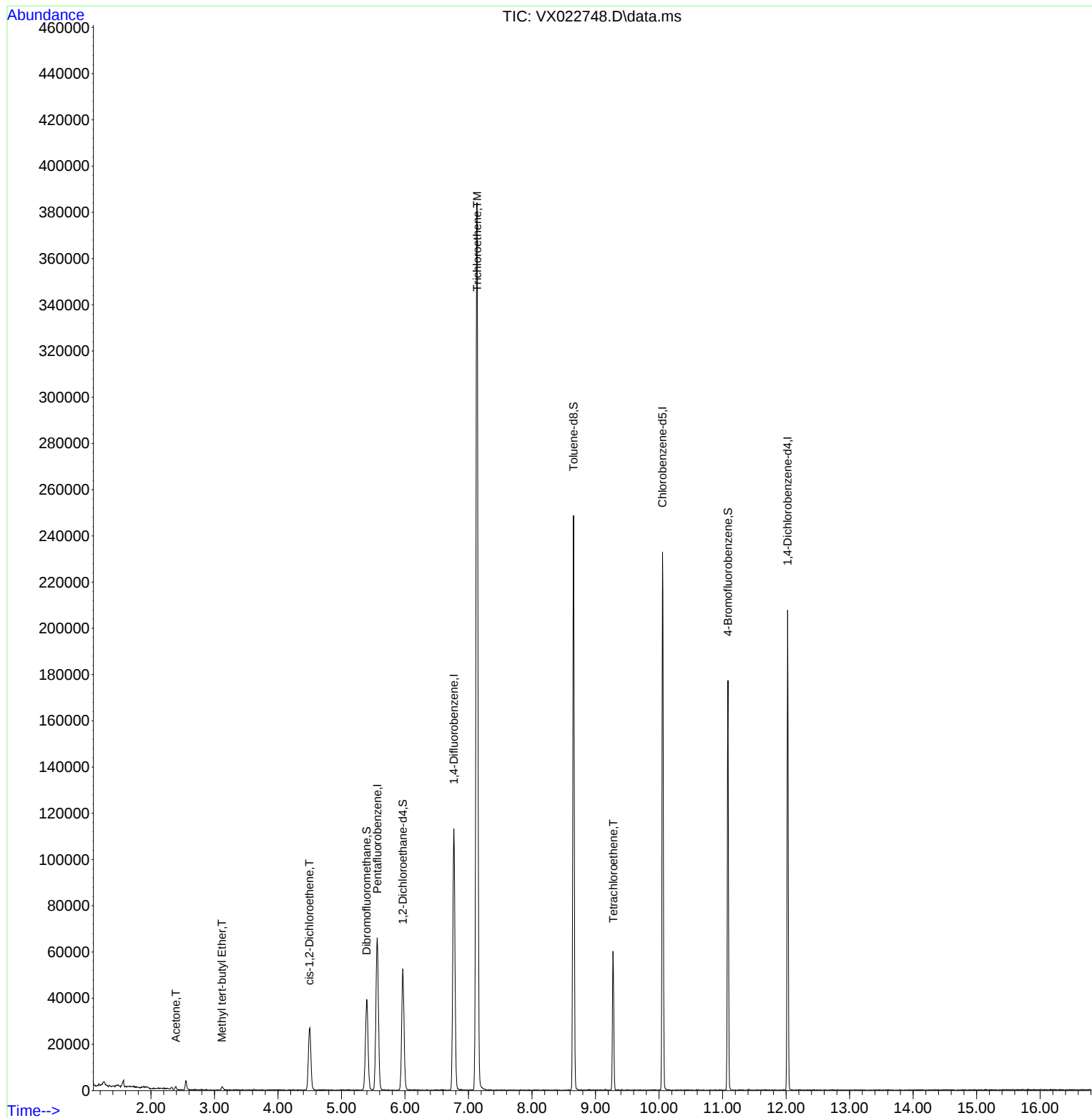
Internal Standards						
1) Pentafluorobenzene	5.562	168	54465	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	46719	47.695	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.380%
35) Dibromofluoromethane	5.397	113	33145	47.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.653	98	136202	49.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.085	95	46203	44.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.440%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1376	3.137	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1500	0.654	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	16652	18.653	ug/l	93
44) Trichloroethene	7.135	130	133048	174.069	ug/l	91
64) Tetrachloroethene	9.281	164	9568	15.537	ug/l	90

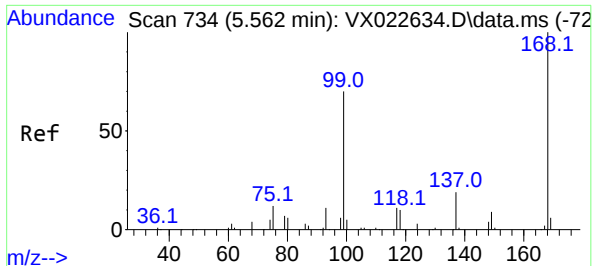
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

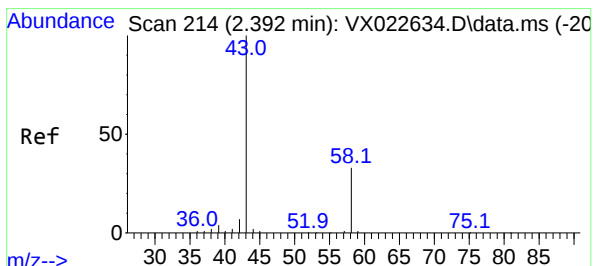
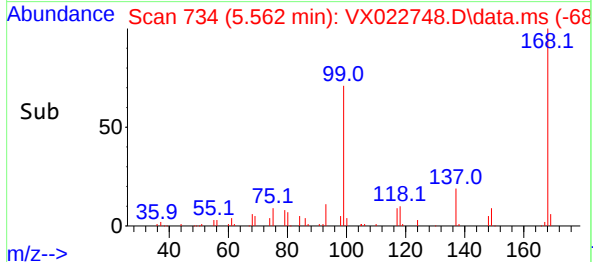
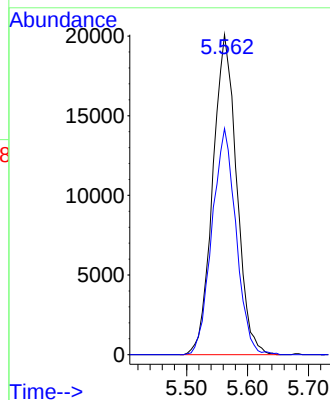
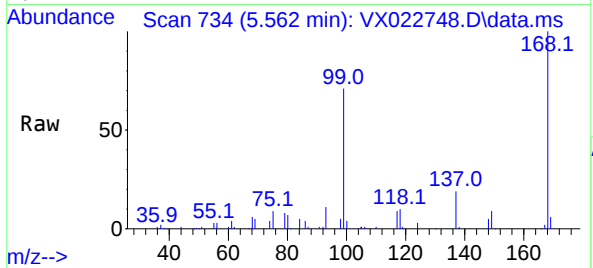




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

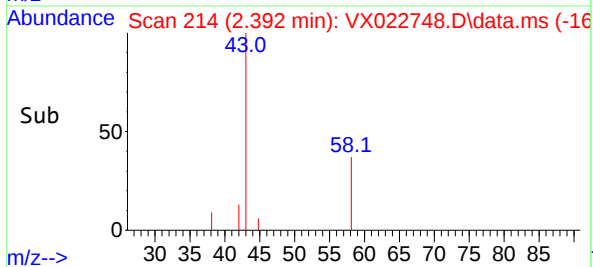
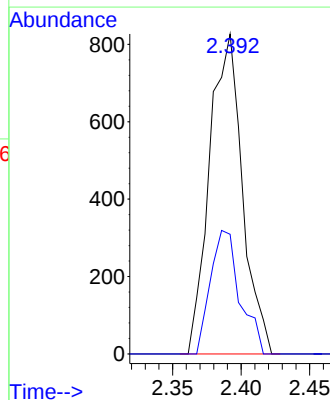
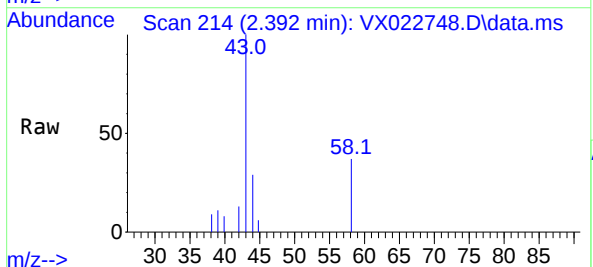
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

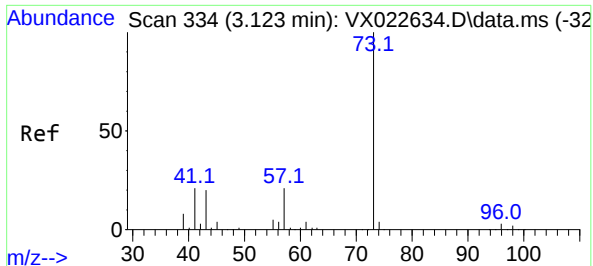
Tgt Ion:168 Resp: 54465
Ion Ratio Lower Upper
168 100
99 70.6 45.8 68.6#



#16
Acetone
Concen: 3.137 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 43 Resp: 1376
Ion Ratio Lower Upper
43 100
58 37.4 27.8 41.8



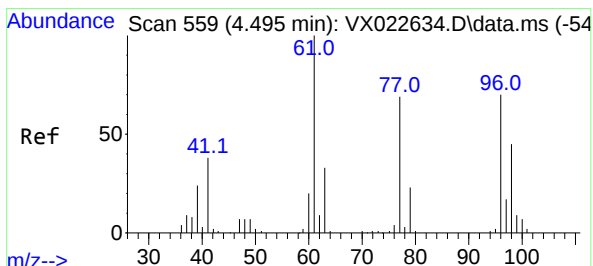
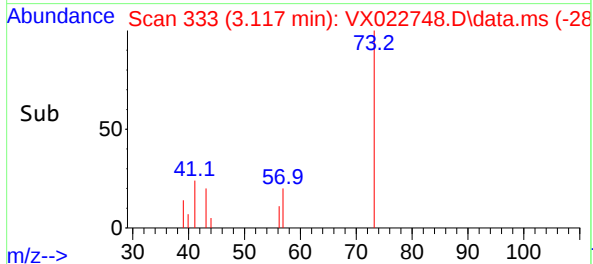
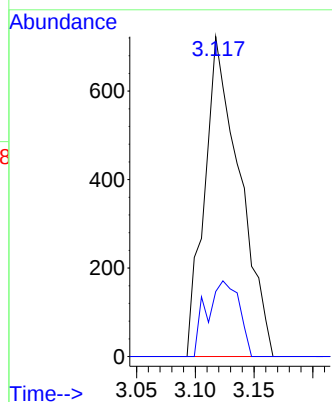
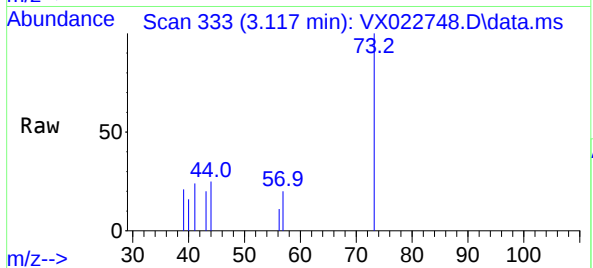


#19

Methyl tert-butyl Ether
Concen: 0.654 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

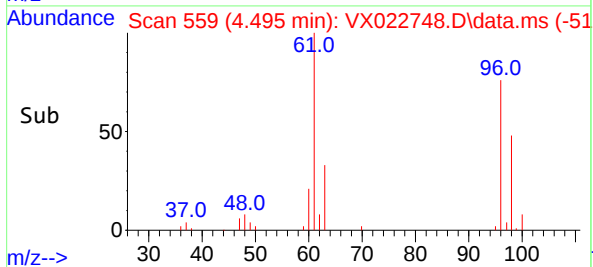
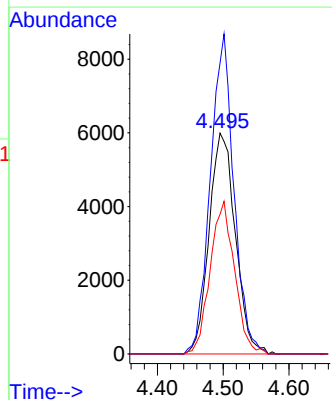
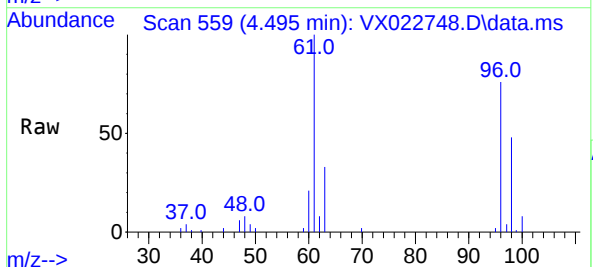
Tgt Ion: 73 Resp: 1500
Ion Ratio Lower Upper
73 100
57 20.3 17.1 25.7

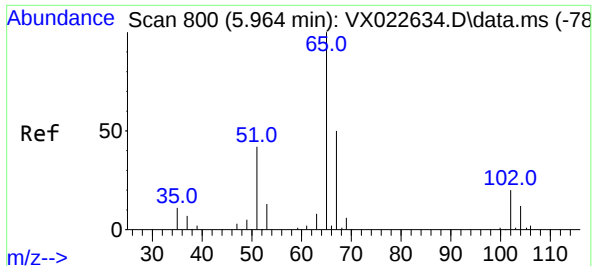


#27

cis-1,2-Dichloroethene
Concen: 18.653 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 96 Resp: 16652
Ion Ratio Lower Upper
96 100
61 129.8 0.0 285.6
98 64.3 0.0 129.6



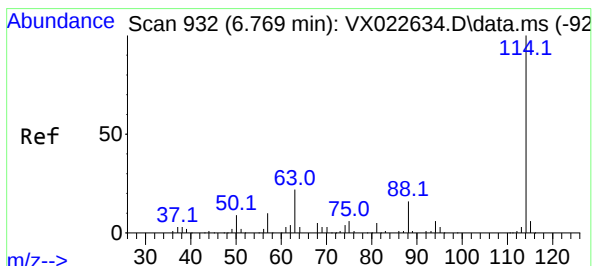
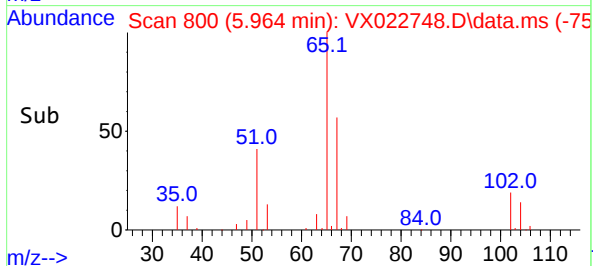
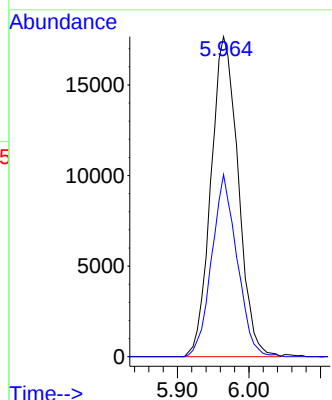
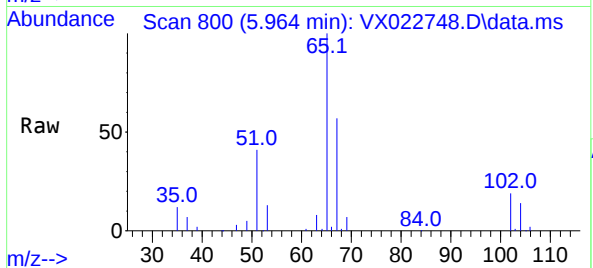


#33

1,2-Dichloroethane-d4
Concen: 47.695 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210616

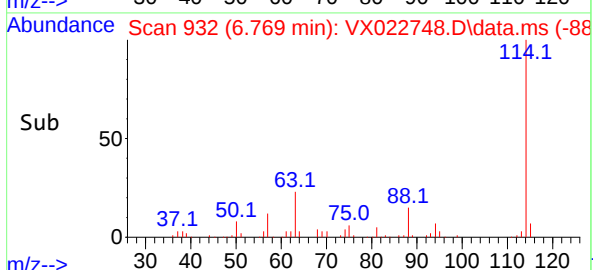
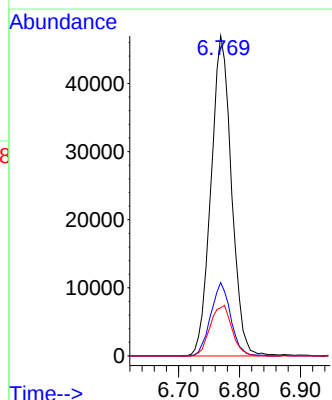
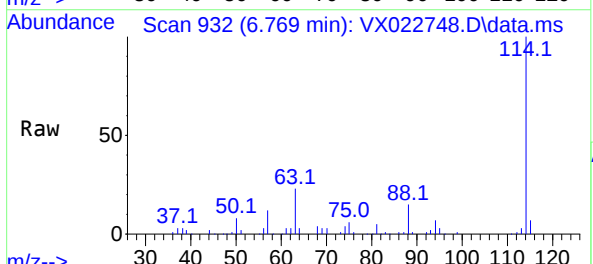
Tgt Ion: 65 Resp: 46719
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

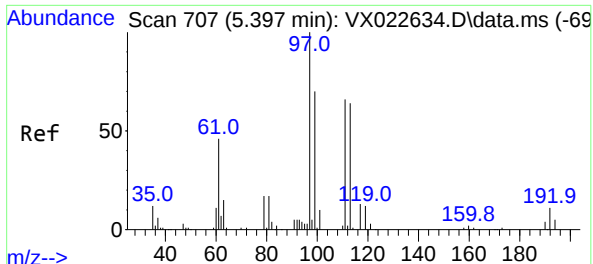


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 114 Resp: 109839
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 15.0 0.0 32.8

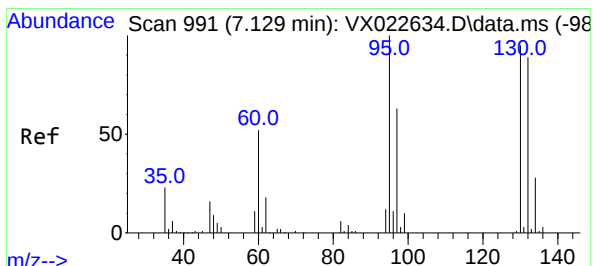
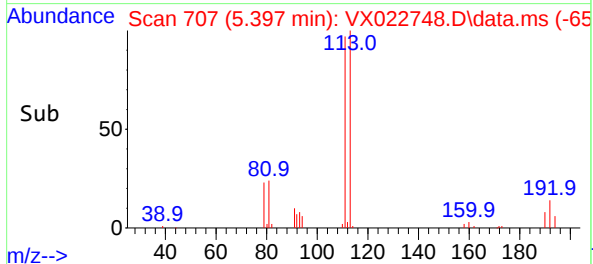
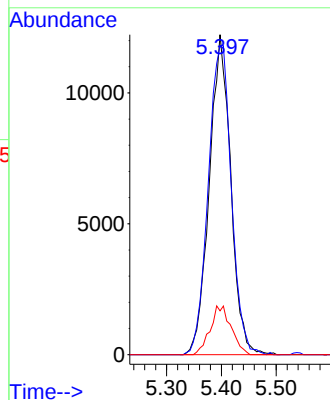
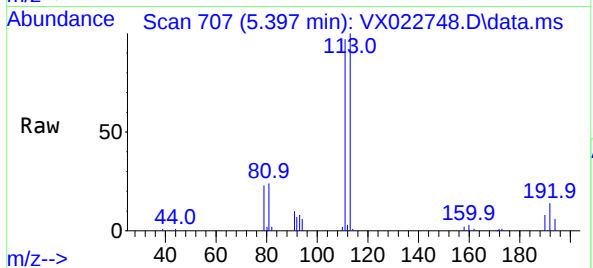




#35
Dibromofluoromethane
Concen: 47.296 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

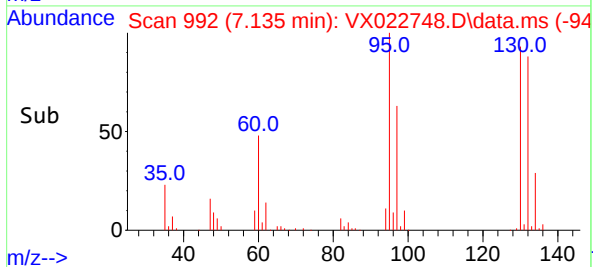
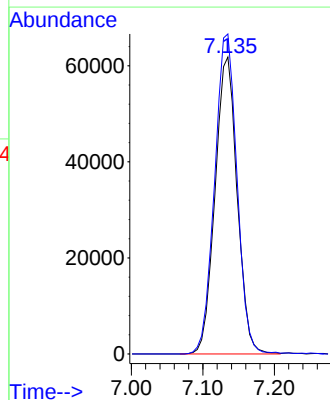
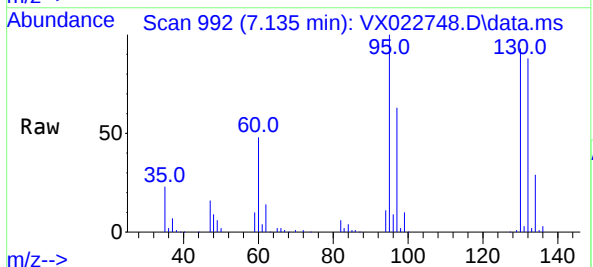
Instrument :
MSVOA_X
ClientSampleId :
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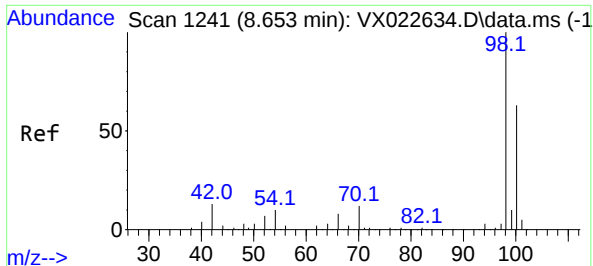
Tgt Ion:113 Resp: 33145
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 15.0 16.7 25.1#



#44
Trichloroethene
Concen: 174.069 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion:130 Resp: 133048
Ion Ratio Lower Upper
130 100
95 107.7 0.0 198.0

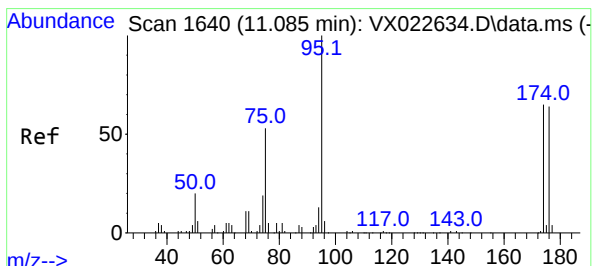
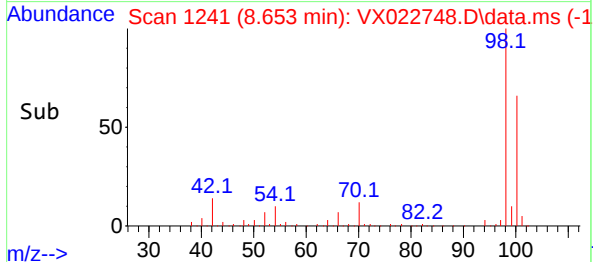
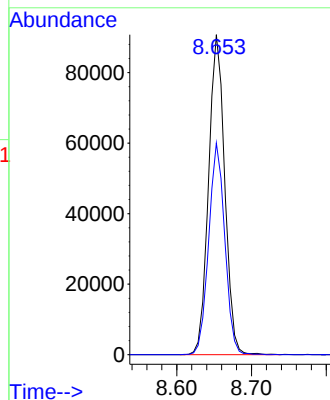
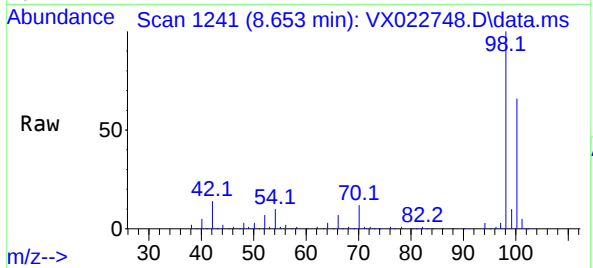




#50
Toluene-d8
Concen: 49.302 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

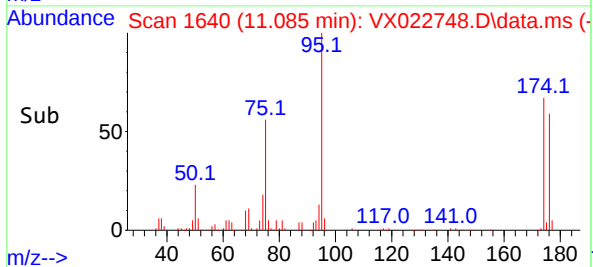
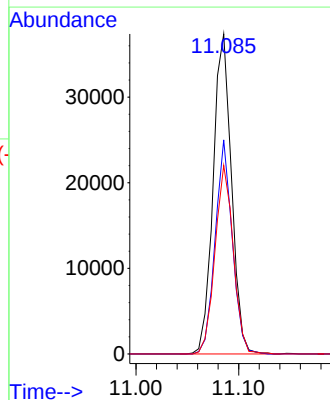
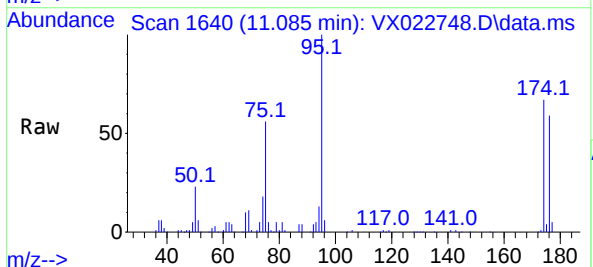
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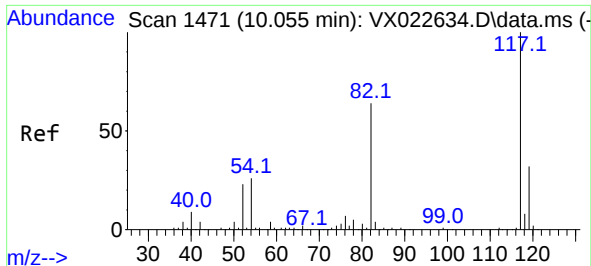
Tgt Ion: 98 Resp: 136202
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.221 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 95 Resp: 46203
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 58.7 0.0 155.8

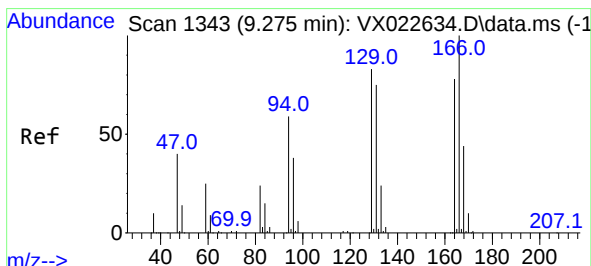
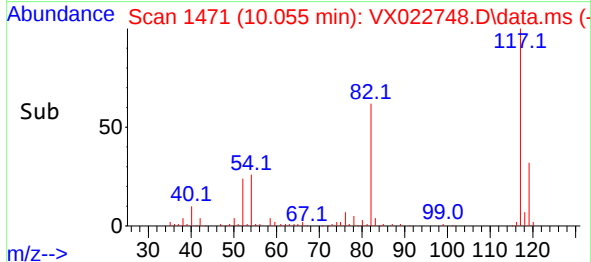
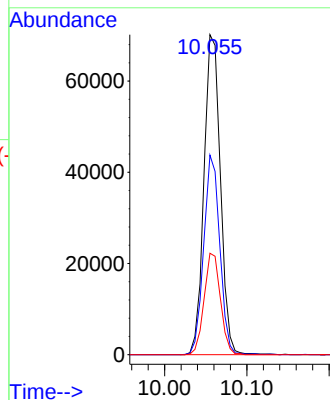
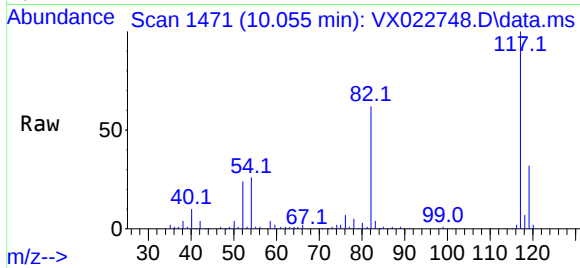




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

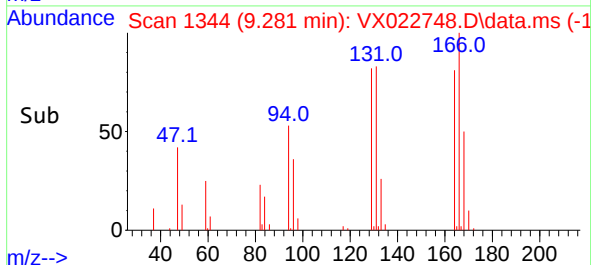
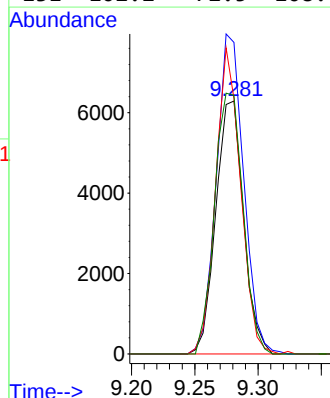
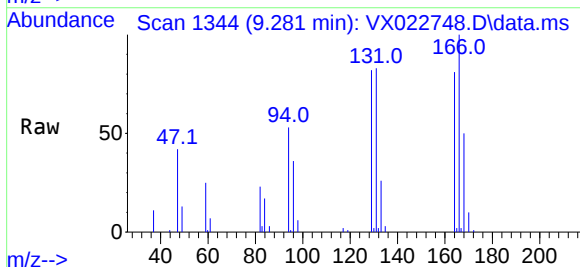
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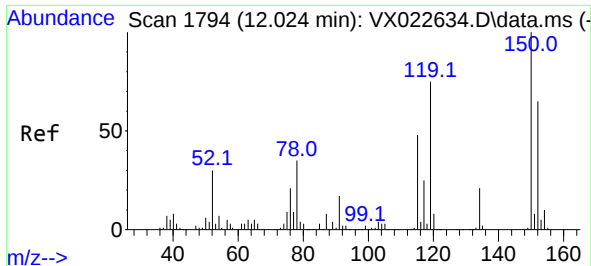
Tgt Ion:117 Resp: 97381
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.7 26.6 39.8



#64
Tetrachloroethene
Concen: 15.537 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022748.D
Acq: 17 Jun 2021 18:13

Tgt Ion:164 Resp: 9568
Ion Ratio Lower Upper
164 100
166 123.2 103.4 155.2
129 100.9 70.8 106.2
131 102.2 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: VX022748.D
 Acq: 17 Jun 2021 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210616

Tgt Ion:152 Resp: 36405
 Ion Ratio Lower Upper
 152 100
 115 68.4 41.1 123.3
 150 154.7 0.0 349.0

