

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023319.D
 Acq On : 16 Jul 2021 11:46
 Operator : JC/MD
 Sample : M3061-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2021-WW-000-08DL

Quant Time: Jul 17 02:08:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

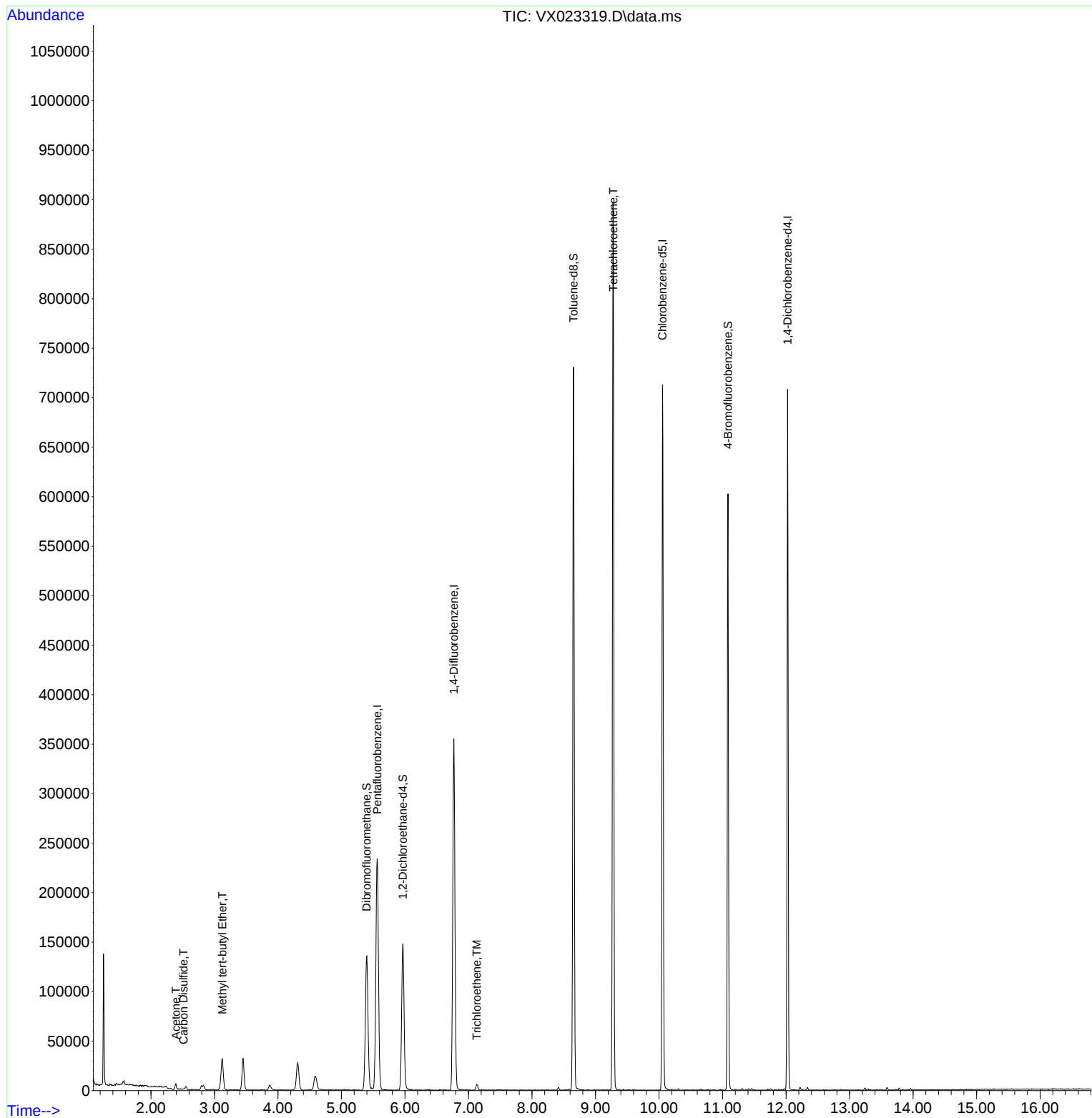
Internal Standards						
1) Pentafluorobenzene	5.562	168	219803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	151363	51.237	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.480%		
35) Dibromofluoromethane	5.397	113	117726	50.864	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.720%		
50) Toluene-d8	8.653	98	427424	49.506	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.020%		
62) 4-Bromofluorobenzene	11.085	95	156571	46.975	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.940%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	6153	5.265	ug/l	89
17) Carbon Disulfide	2.514	76	1596	0.386	ug/l #	90
19) Methyl tert-butyl Ether	3.123	73	28783	3.928	ug/l #	84
44) Trichloroethene	7.129	130	2456	0.933	ug/l	97
64) Tetrachloroethene	9.281	164	167748	65.344	ug/l	97

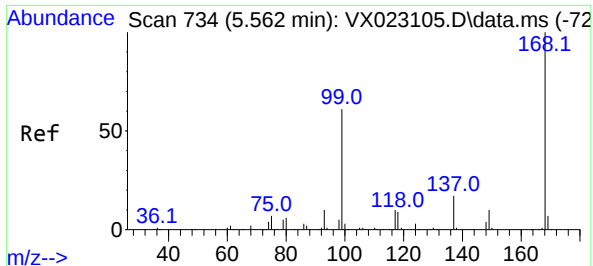
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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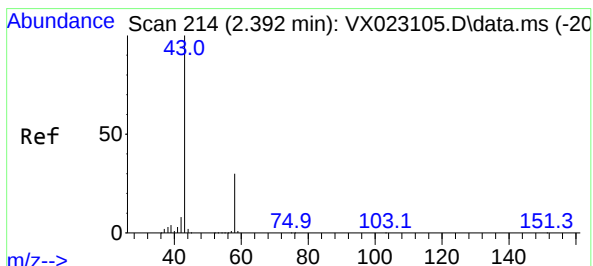
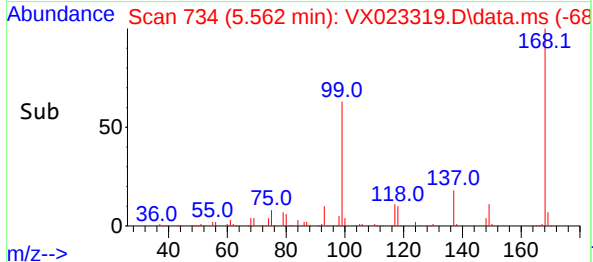
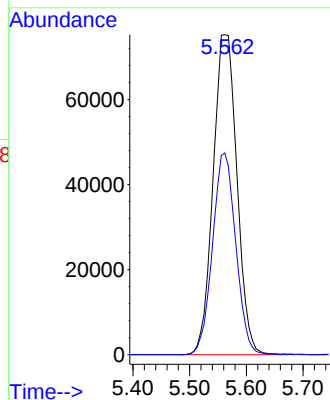
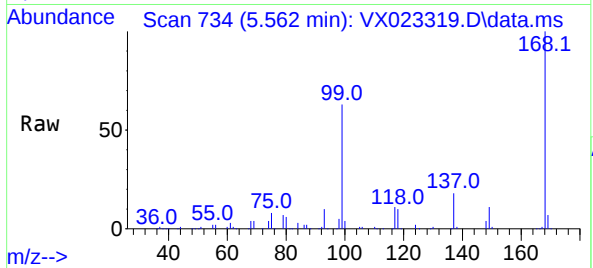




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

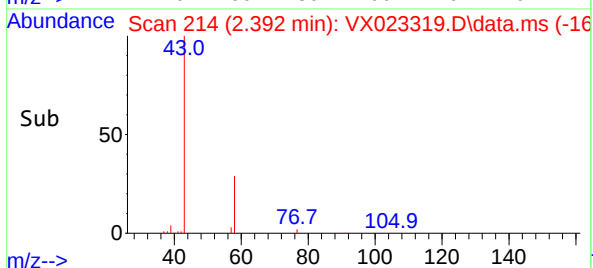
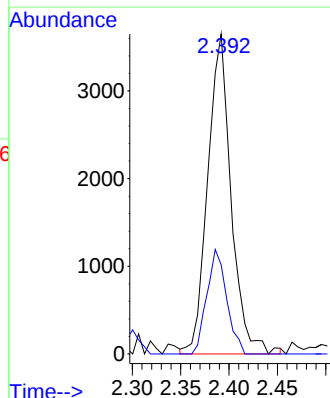
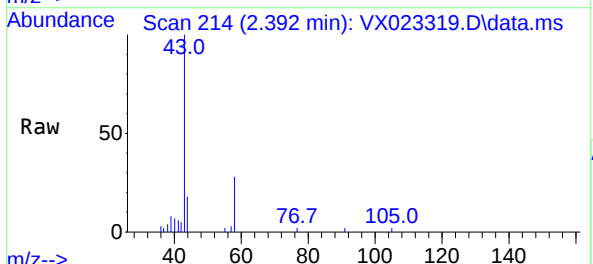
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08DL

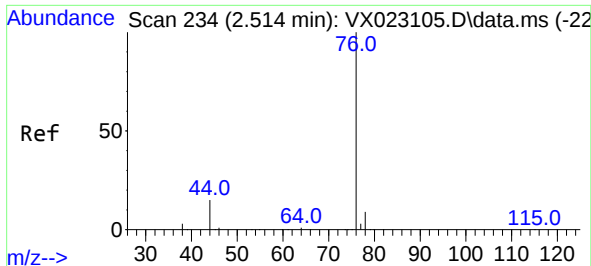
Tgt Ion:168 Resp: 219803
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.6



#16
Acetone
Concen: 5.265 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Tgt Ion: 43 Resp: 6153
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8

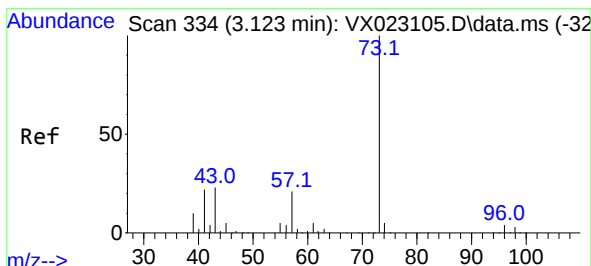
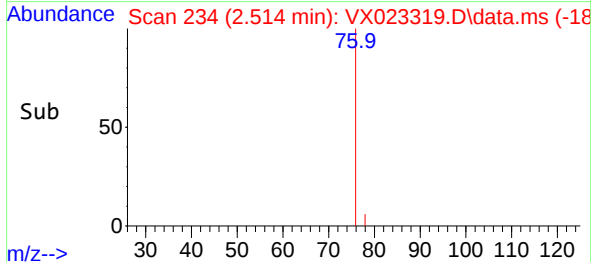
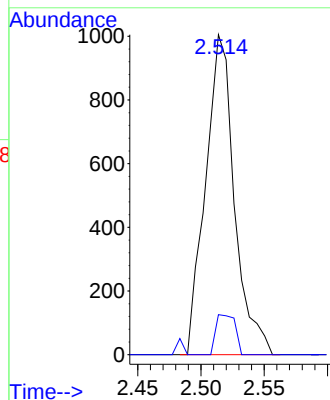
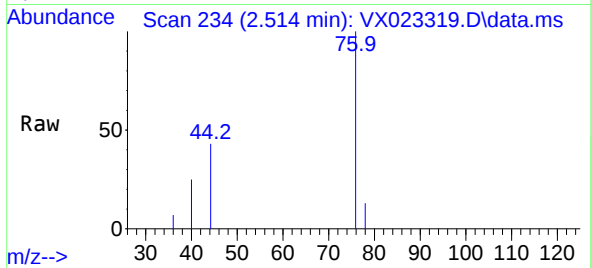




#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

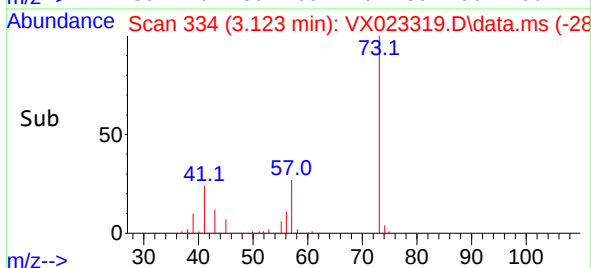
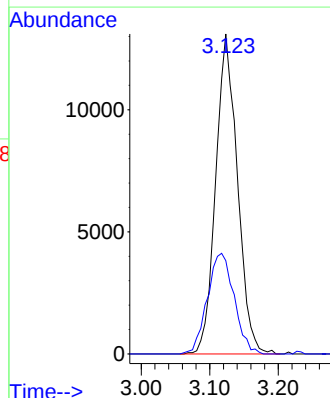
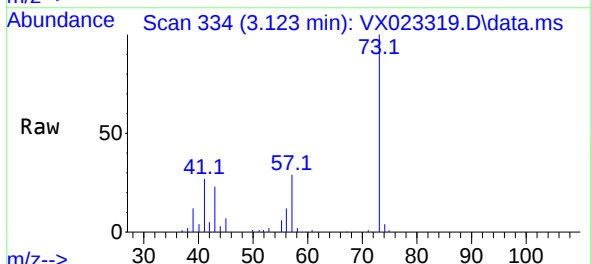
Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08DL

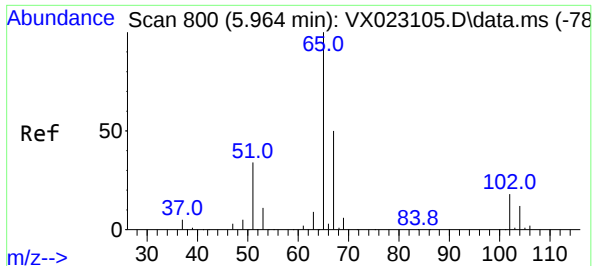
Tgt Ion: 76 Resp: 1596
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 3.928 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Tgt Ion: 73 Resp: 28783
Ion Ratio Lower Upper
73 100
57 29.1 17.1 25.7#



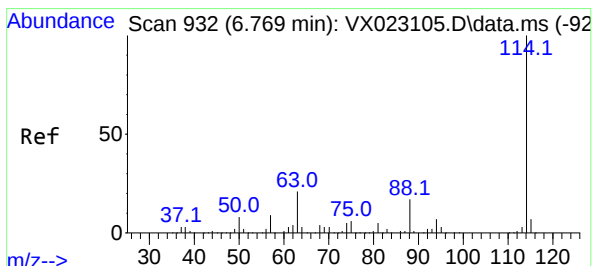
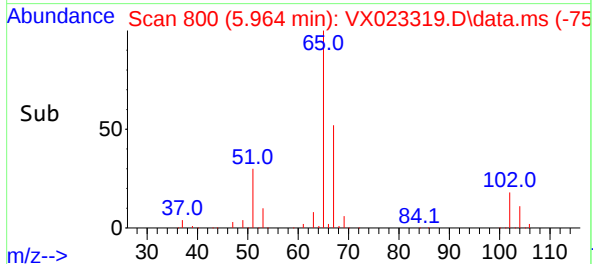
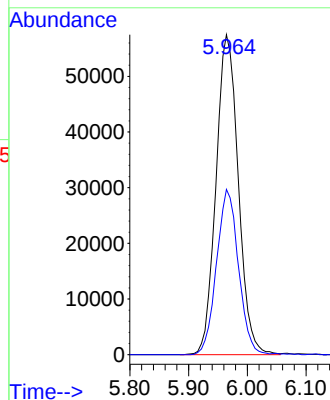
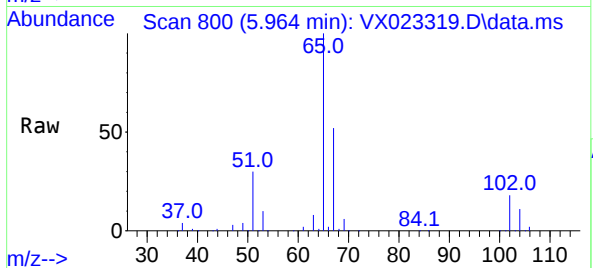


#33

1,2-Dichloroethane-d4
Concen: 51.237 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Instrument :
MSVOA_X
ClientSampleId :
PB-2021-WW-000-08DL

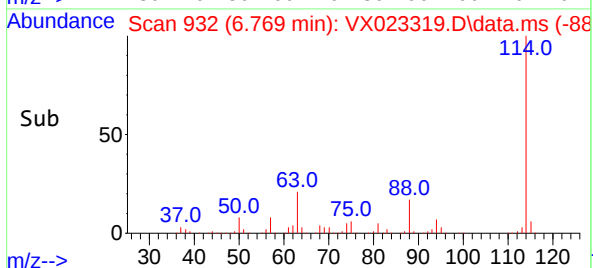
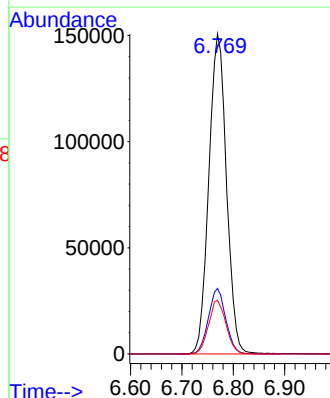
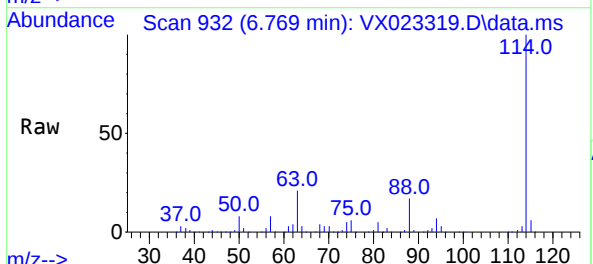
Tgt Ion: 65 Resp: 151363
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

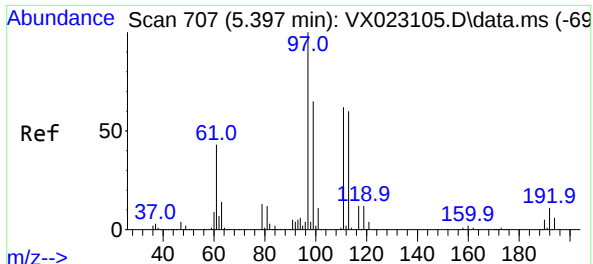


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Tgt Ion: 114 Resp: 358419
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.8 0.0 32.8

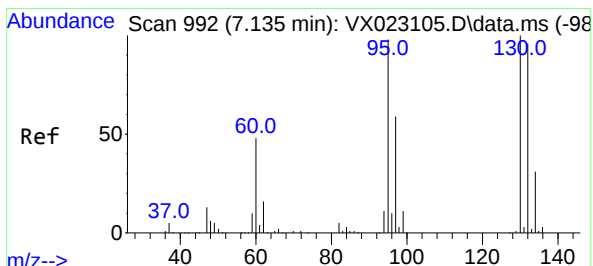
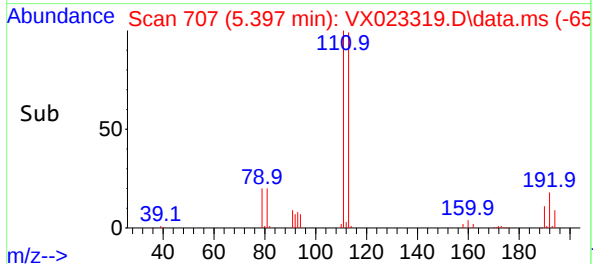
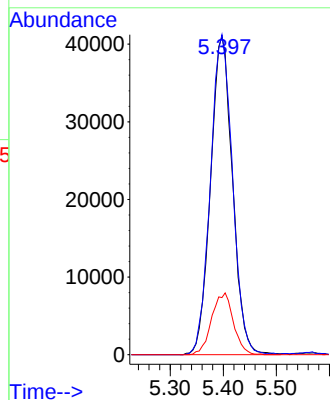
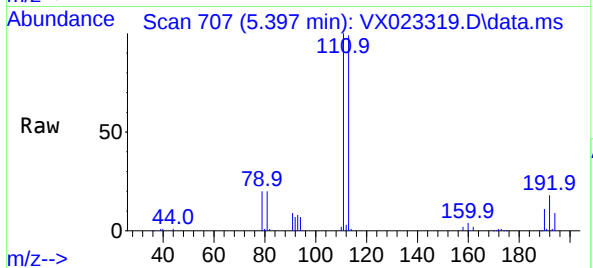




#35
Dibromofluoromethane
Concen: 50.864 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

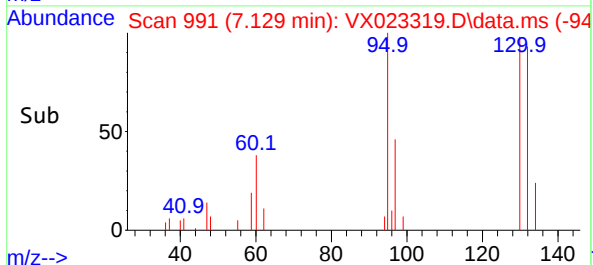
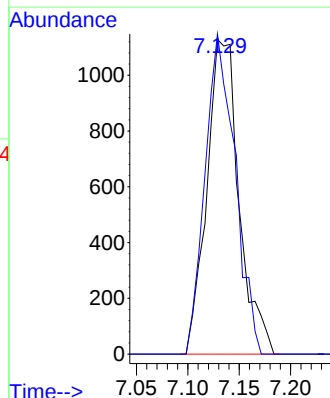
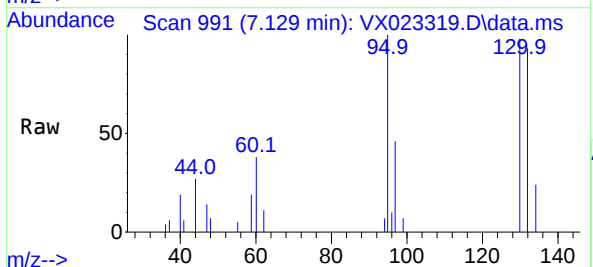
Instrument :
MSVOA_X
ClientSampleId :
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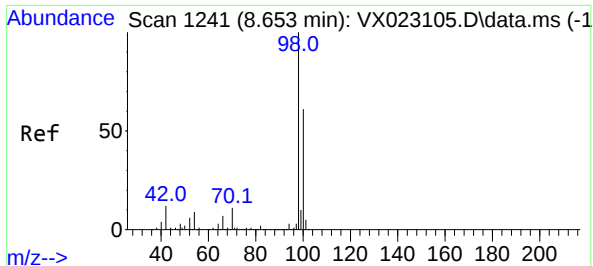
Tgt Ion:113 Resp: 117726
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.2 16.7 25.1



#44
Trichloroethene
Concen: 0.933 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Tgt Ion:130 Resp: 2456
Ion Ratio Lower Upper
130 100
95 101.8 0.0 198.0

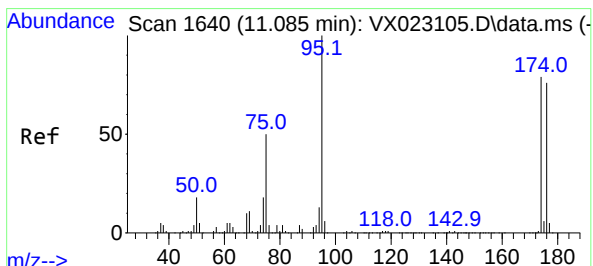
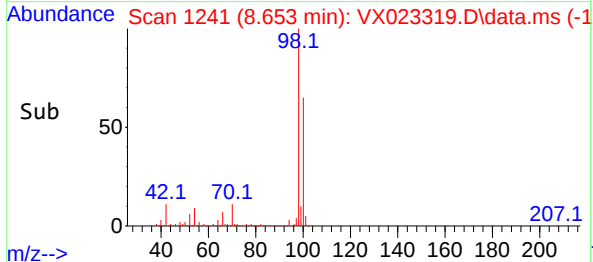
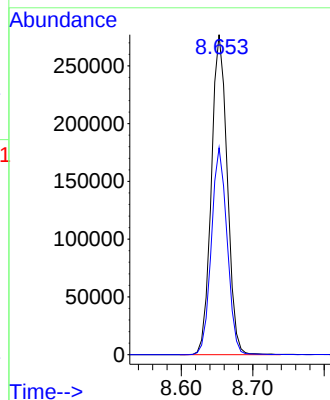
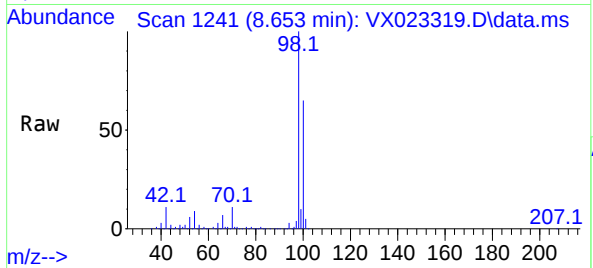




#50
Toluene-d8
Concen: 49.506 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

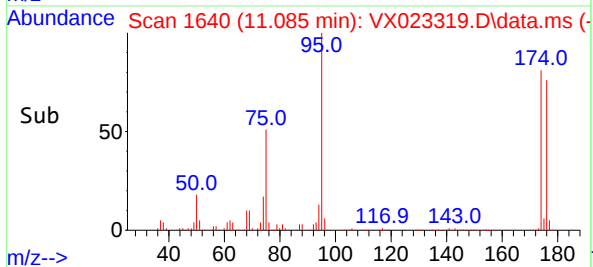
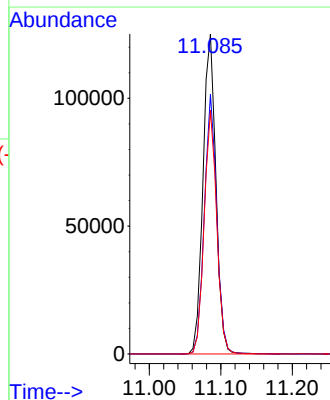
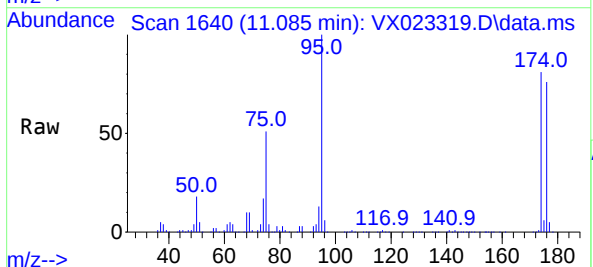
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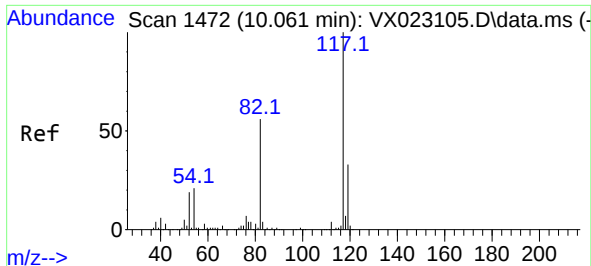
Tgt Ion: 98 Resp: 427424
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.975 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Tgt Ion: 95 Resp: 156571
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.3 0.0 155.8

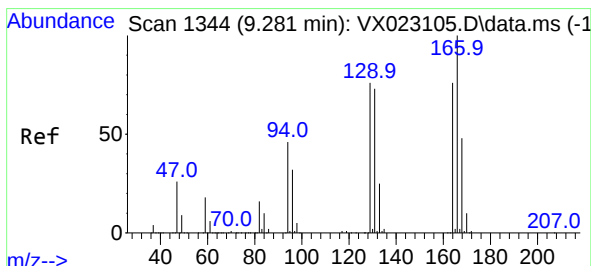
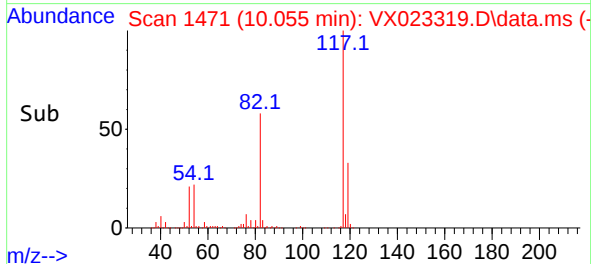
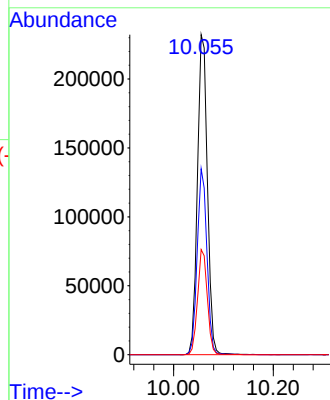
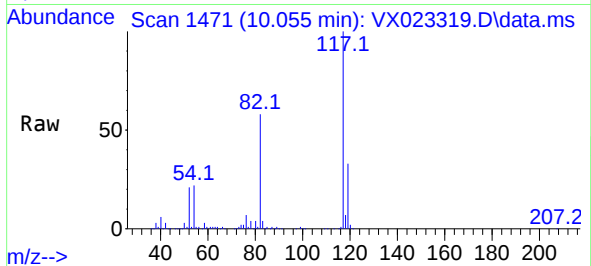




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

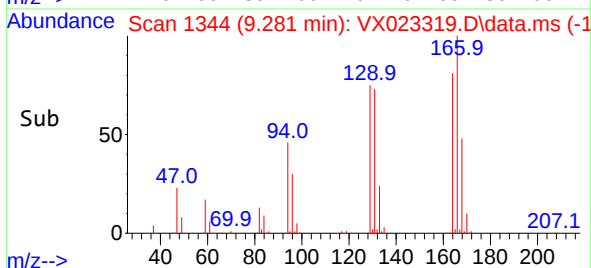
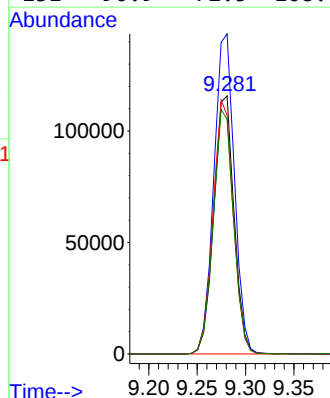
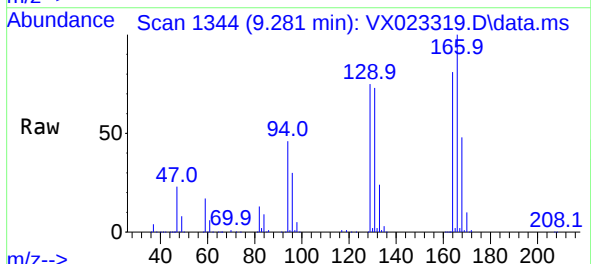
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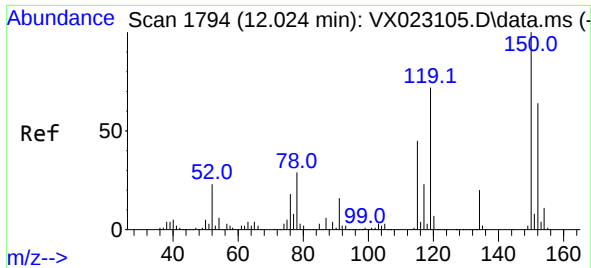
Tgt Ion:	117	Resp:	321863
Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.4	71.2
119	32.9	26.6	39.8



#64
Tetrachloroethene
Concen: 65.344 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023319.D
Acq: 16 Jul 2021 11:46

Tgt Ion:	164	Resp:	167748
Ion	Ratio	Lower	Upper
164	100		
166	124.0	103.4	155.2
129	92.5	70.8	106.2
131	90.9	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: VX023319.D
 Acq: 16 Jul 2021 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB-2021-WW-000-08DL

Tgt Ion:152 Resp: 139059
 Ion Ratio Lower Upper
 152 100
 115 61.8 41.1 123.3
 150 158.2 0.0 349.0

