

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019585.D
 Acq On : 23 Jul 2021 20:14
 Operator : SY/VA
 Sample : M3152-01
 Misc : 6.61g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VAULT-A

Quant Time: Jul 24 05:21:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

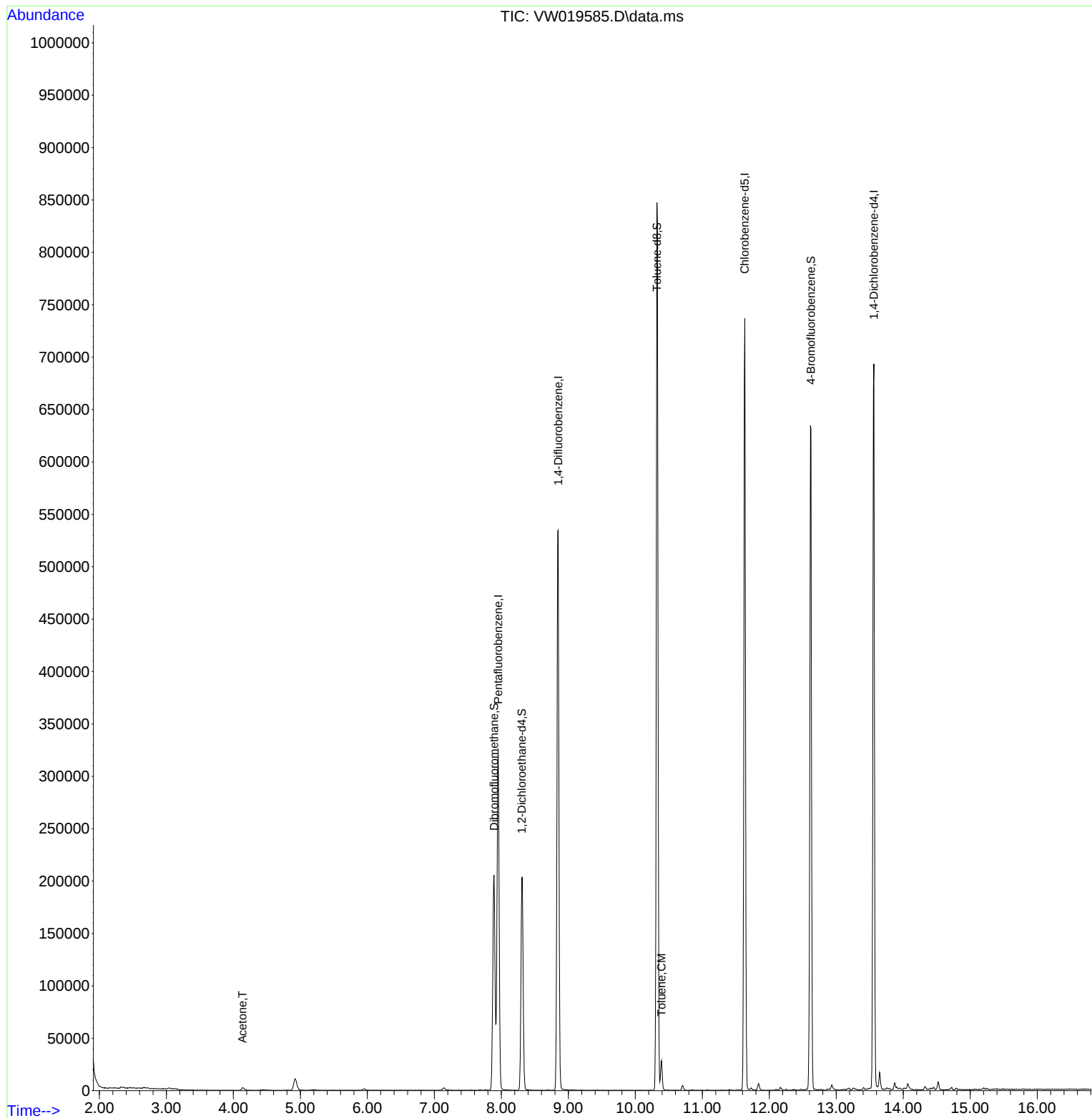
Internal Standards						
1) Pentafluorobenzene	7.951	168	232561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	450501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	409161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	183559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	167497	76.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.760%	
35) Dibromofluoromethane	7.891	113	149222	54.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.323	98	566526	53.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.621	95	200314	50.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.220%	
Target Compounds						Qvalue
16) Acetone	4.135	43	5140	12.152	ug/l	88
52) Toluene	10.390	92	11516	1.380	ug/l	97

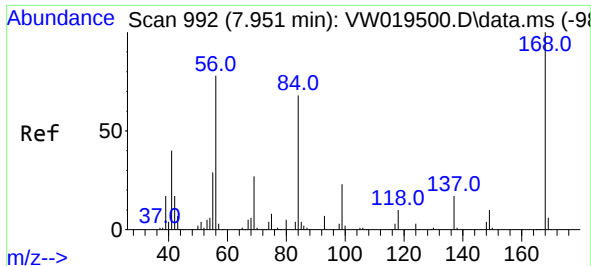
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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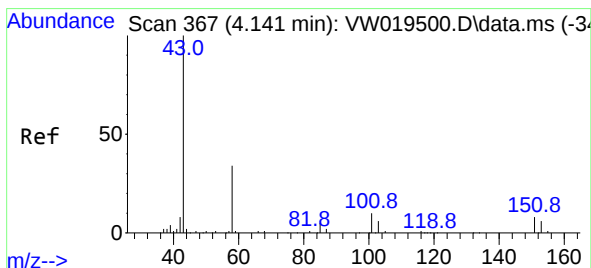
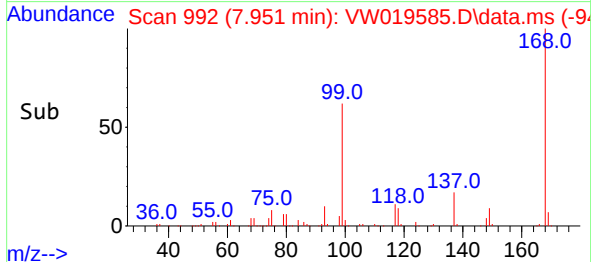
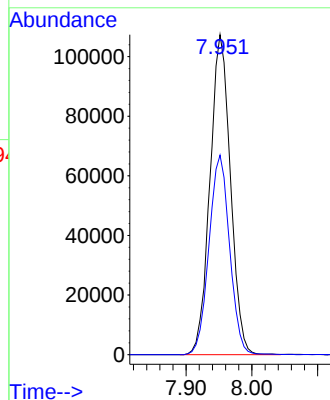
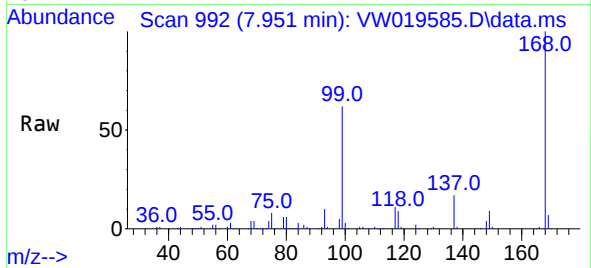




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

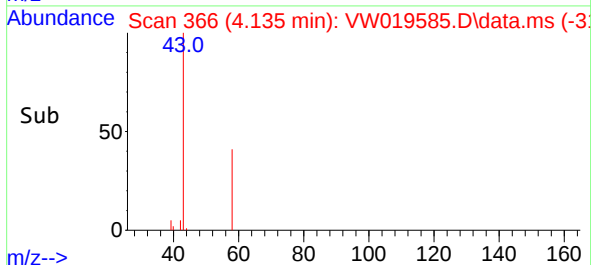
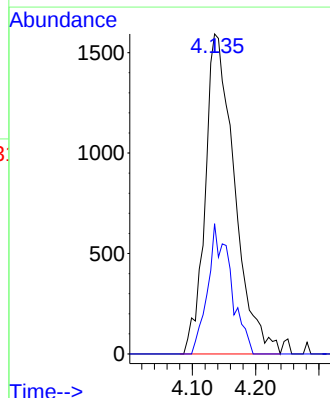
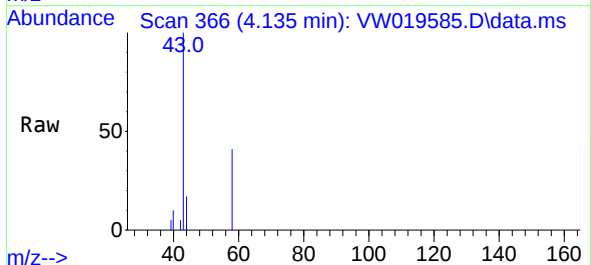
Instrument :
MSVOA_W
ClientSampleId :
VAULT-A

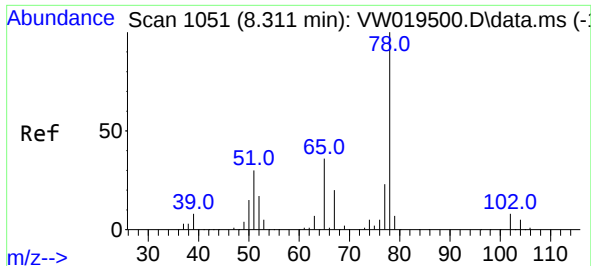
Tgt Ion:168 Resp: 232561
Ion Ratio Lower Upper
168 100
99 62.3 51.9 77.9



#16
Acetone
Concen: 12.152 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion: 43 Resp: 5140
Ion Ratio Lower Upper
43 100
58 40.7 27.2 40.8

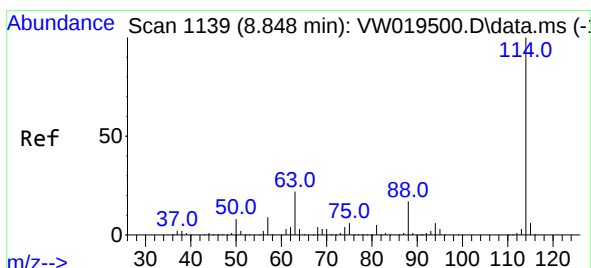
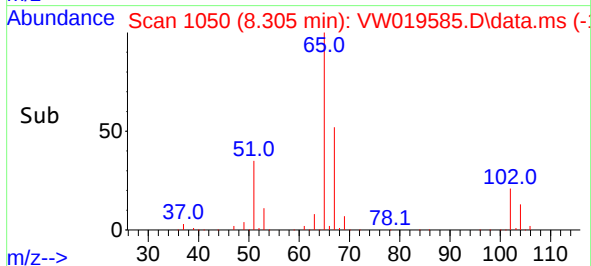
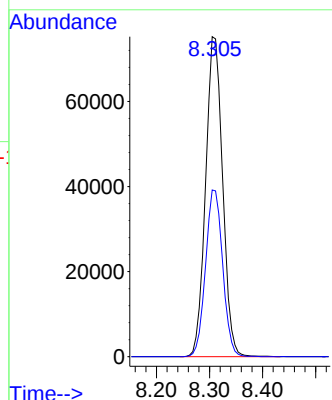
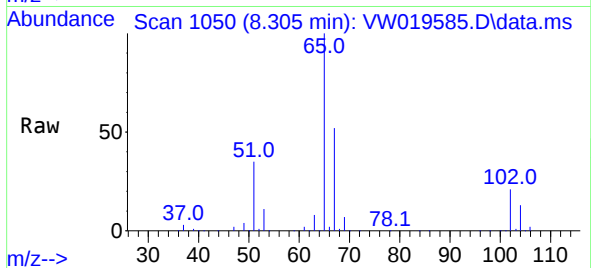




#33
1,2-Dichloroethane-d4
Concen: 76.882 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

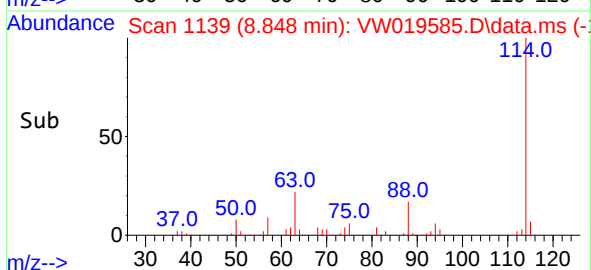
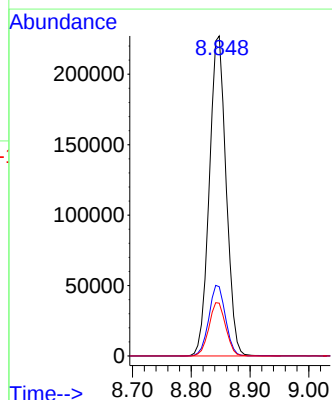
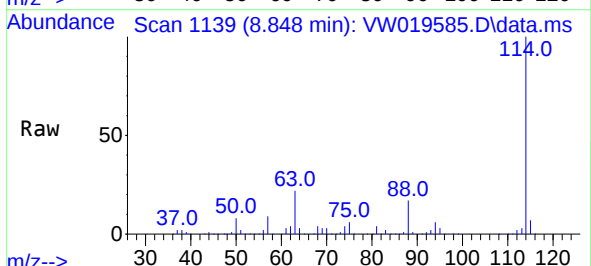
Instrument :
MSVOA_W
ClientSampled :
VAULT-A

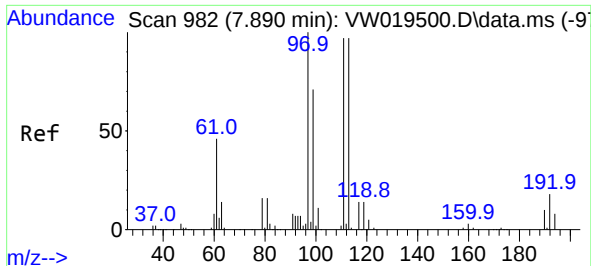
Tgt Ion: 65 Resp: 167497
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion: 114 Resp: 450501
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.8
88 16.5 0.0 33.4

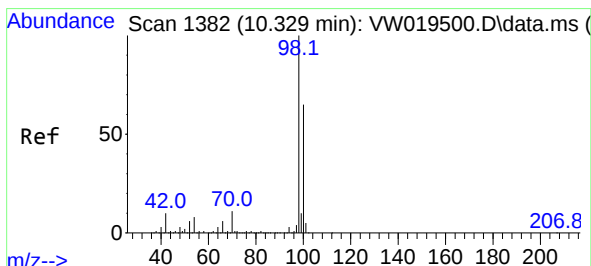
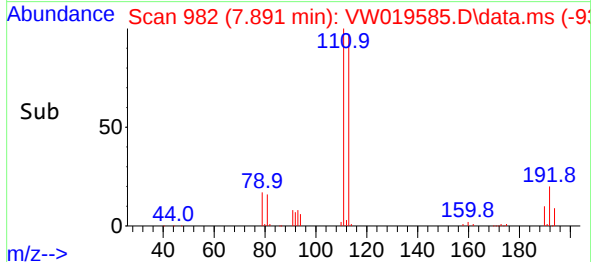
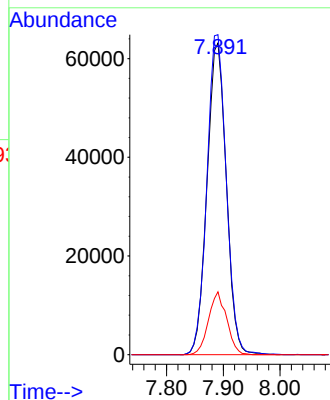
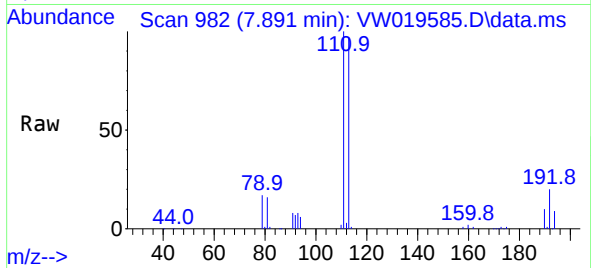




#35
Dibromofluoromethane
Concen: 54.216 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

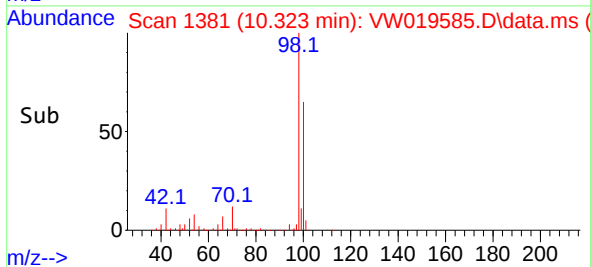
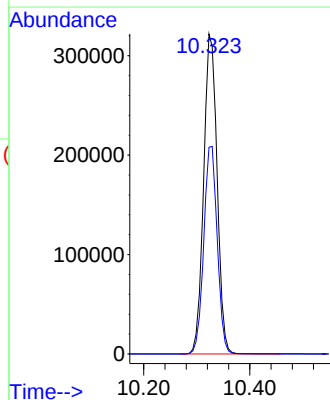
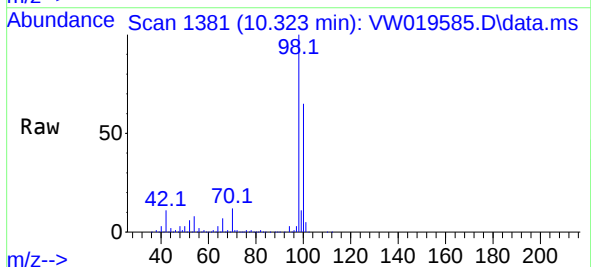
Instrument :
MSVOA_W
ClientSampleId :
VAULT-A

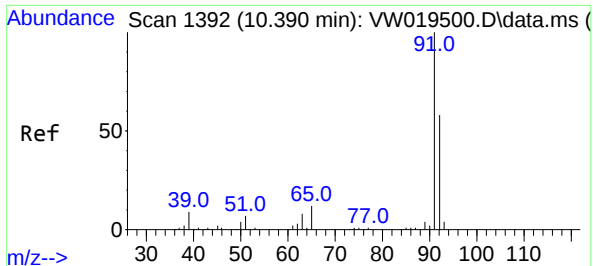
Tgt Ion:113 Resp: 149222
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 19.0 15.4 23.2



#50
Toluene-d8
Concen: 53.162 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion: 98 Resp: 566526
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

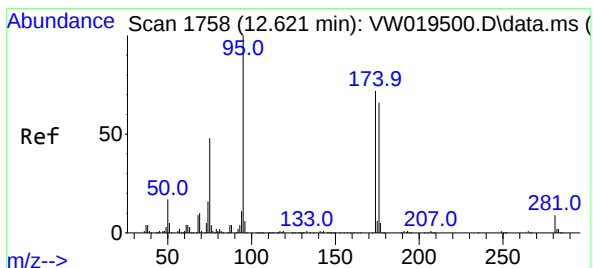
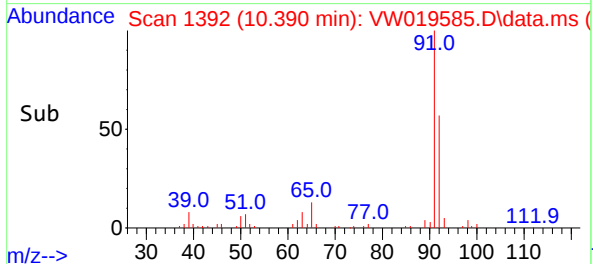
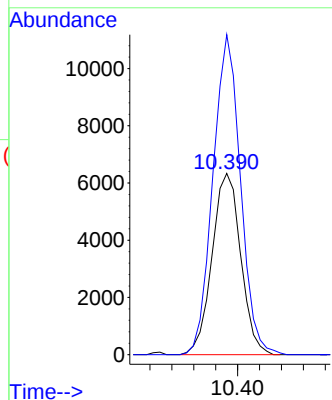
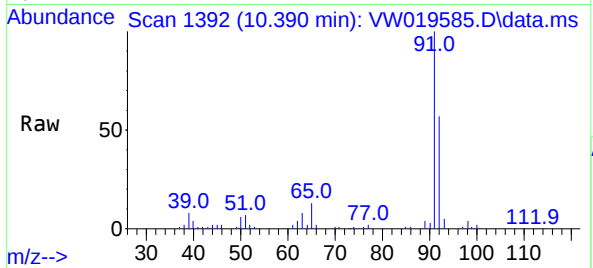




#52
Toluene
Concen: 1.380 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

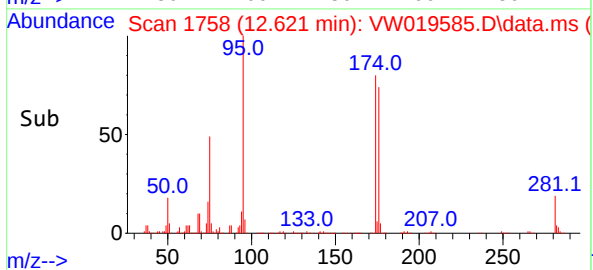
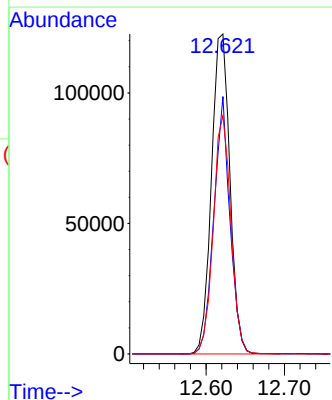
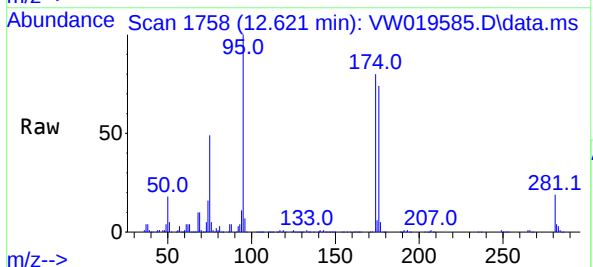
Instrument :
MSVOA_W
ClientSampled :
VAULT-A

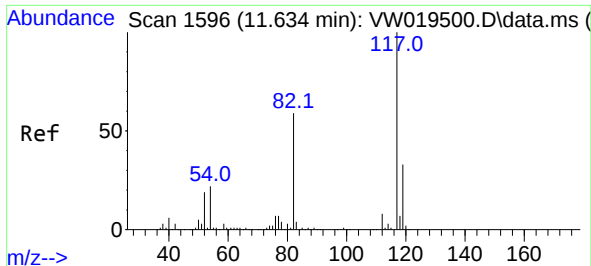
Tgt Ion: 92 Resp: 11516
Ion Ratio Lower Upper
92 100
91 169.5 139.3 208.9



#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion: 95 Resp: 200314
Ion Ratio Lower Upper
95 100
174 70.6 0.0 146.6
176 71.2 0.0 136.8



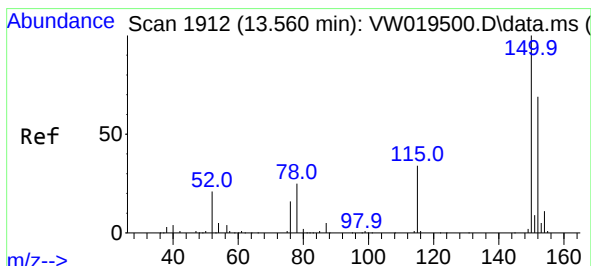
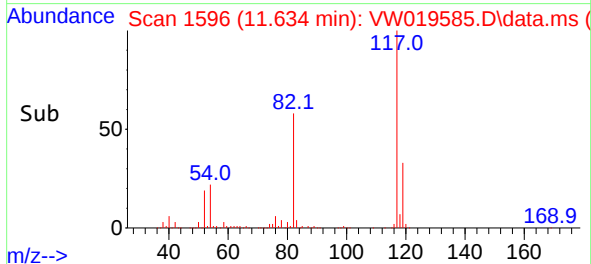
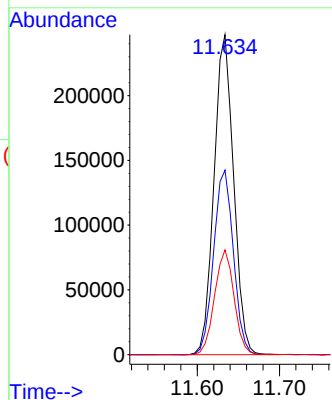
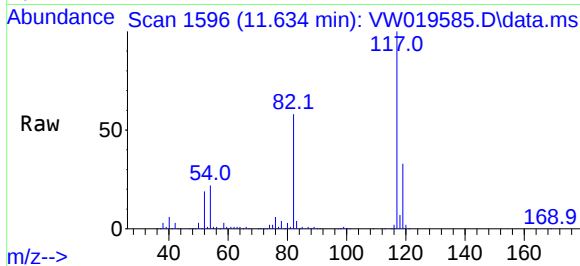


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Instrument :
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ClientSampleId :
VAULT-A

Tgt Ion:117 Resp: 409161

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.4	71.0
119	32.7	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion:152 Resp: 183559

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.6	91.8
150	153.6	0.0	342.4

