

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019586.D
 Acq On : 23 Jul 2021 20:39
 Operator : SY/VA
 Sample : M3152-04
 Misc : 7.48g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VAULT-B

Quant Time: Jul 24 05:22:13 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	7.945	168	249905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	470532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	425167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	198708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	173254	73.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.640%
35) Dibromofluoromethane	7.891	113	154330	53.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.360%
50) Toluene-d8	10.323	98	593352	53.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.620%
62) 4-Bromofluorobenzene	12.621	95	212687	50.942	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.880%

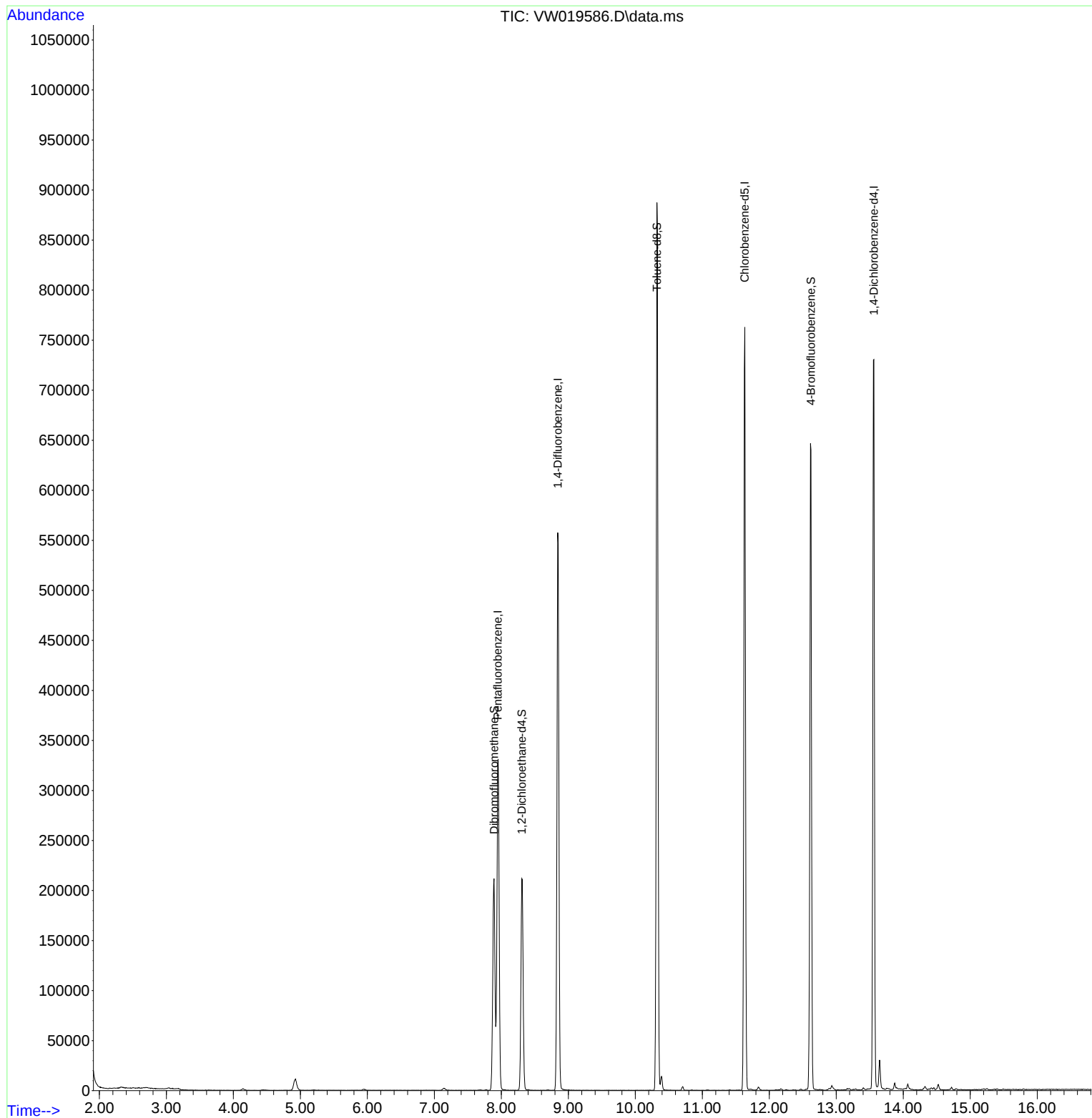
Target Compounds	Qvalue

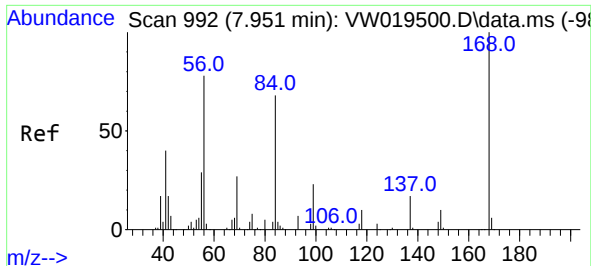
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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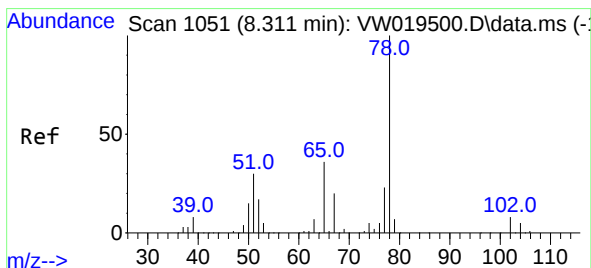
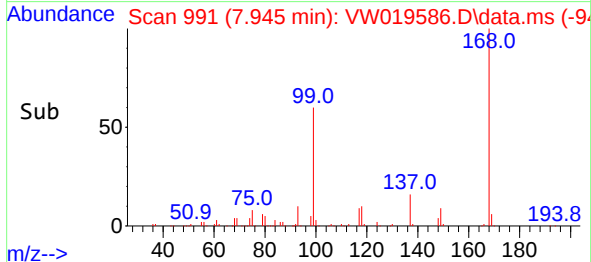
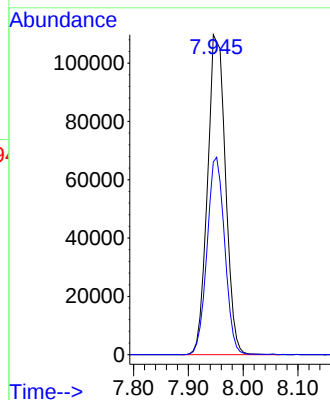
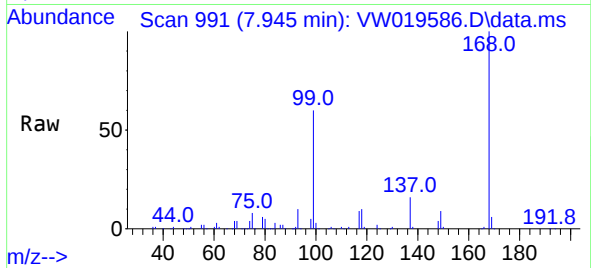




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

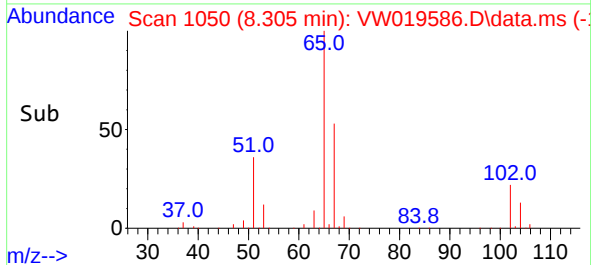
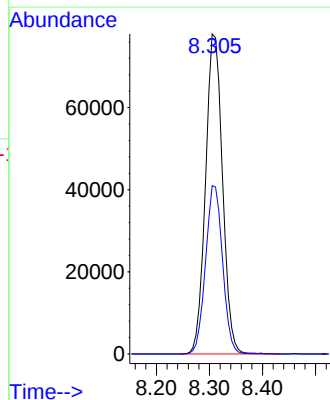
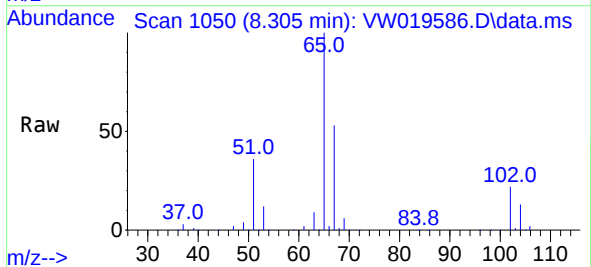
Instrument :
MSVOA_W
ClientSampleId :
VAULT-B

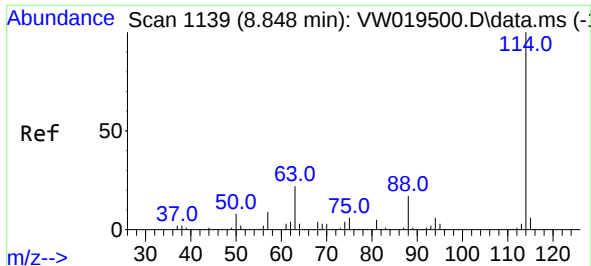
Tgt Ion:168 Resp: 249905
Ion Ratio Lower Upper
168 100
99 60.2 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 73.818 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion: 65 Resp: 173254
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.8

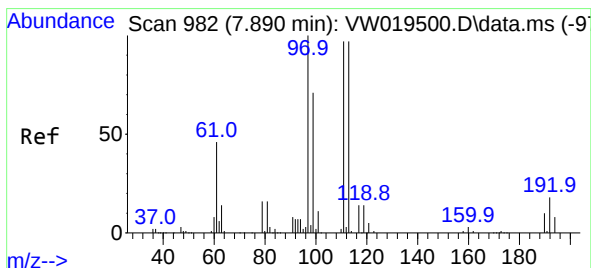
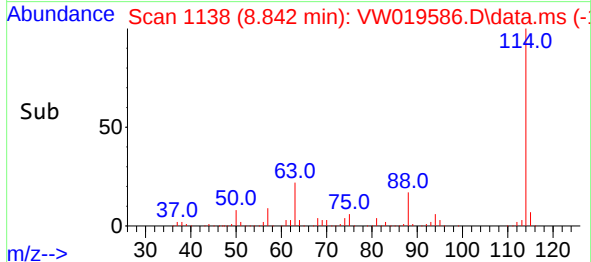
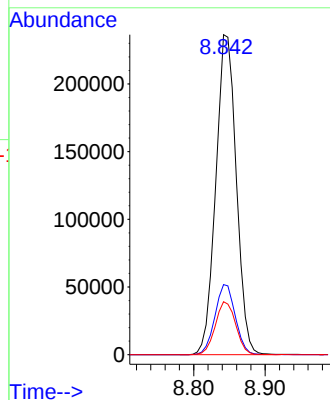
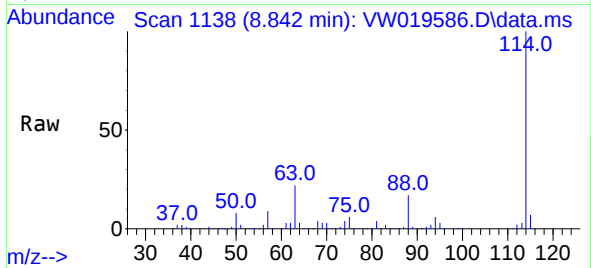




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

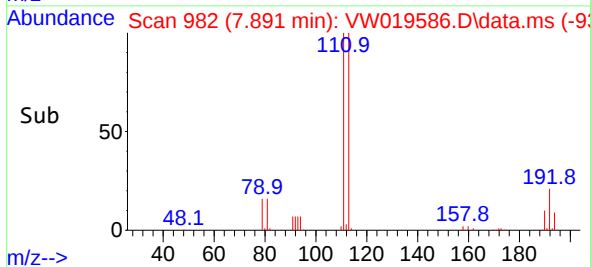
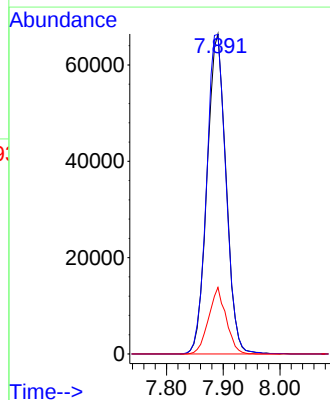
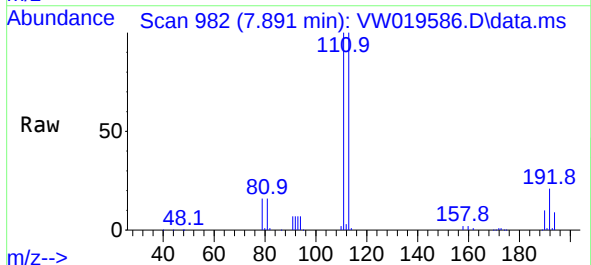
Instrument :
MSVOA_W
ClientSampleId :
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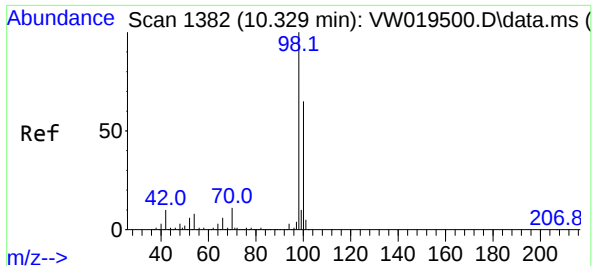
Tgt Ion:114 Resp: 470532
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.685 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion:113 Resp: 154330
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.2 15.4 23.2

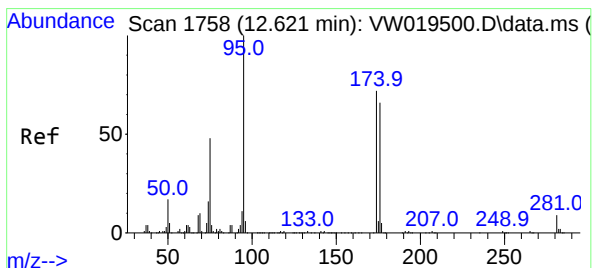
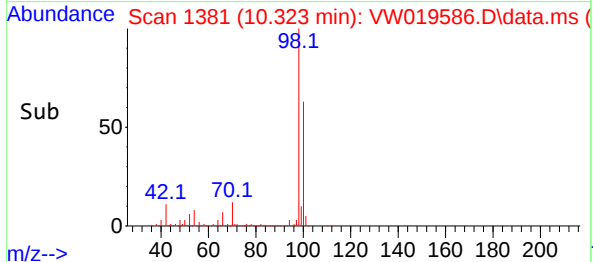
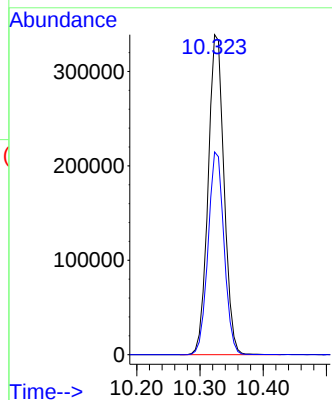
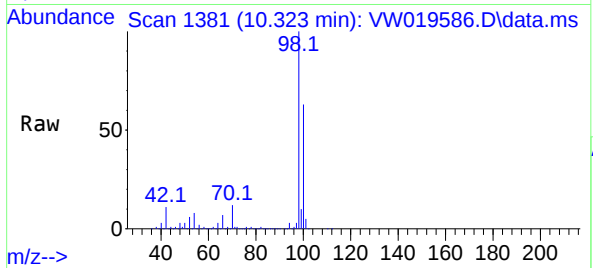




#50
Toluene-d8
Concen: 53.309 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

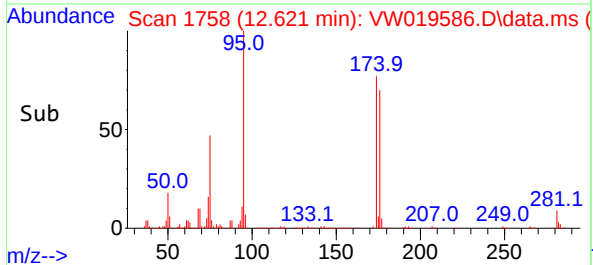
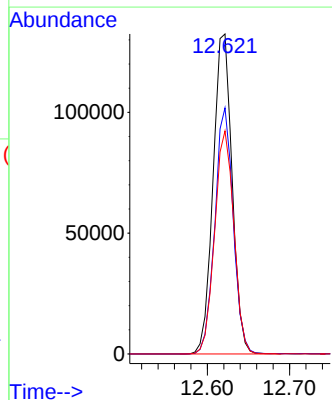
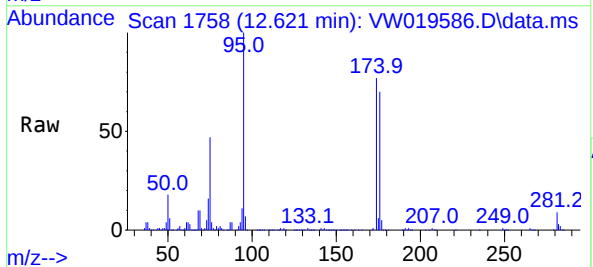
Instrument :
MSVOA_W
ClientSampleId :
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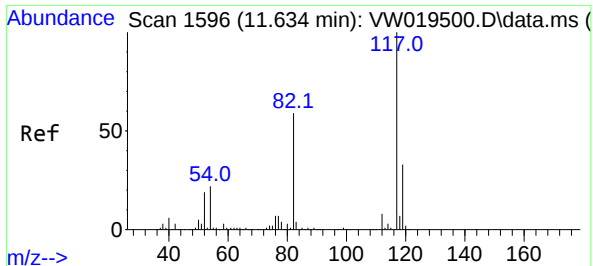
Tgt Ion: 98 Resp: 593352
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.942 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion: 95 Resp: 212687
Ion Ratio Lower Upper
95 100
174 74.4 0.0 146.6
176 70.5 0.0 136.8

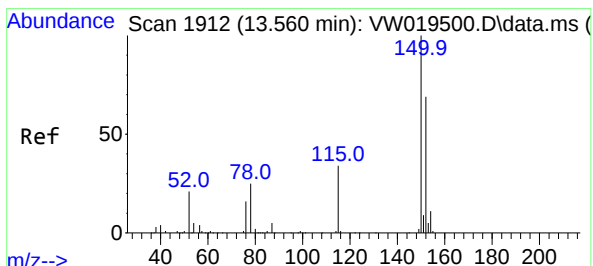
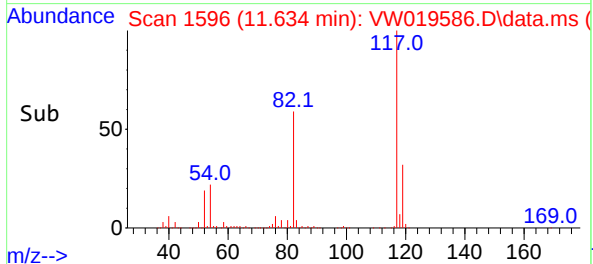
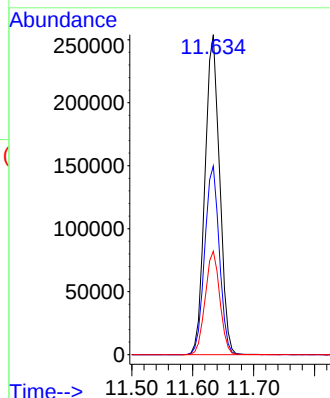
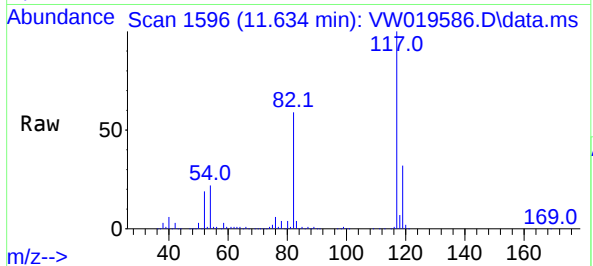




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019586.D
Acq: 23 Jul 2021 20:39

Instrument :
MSVOA_W
ClientSampleId :
VAULT-B

Tgt Ion:117 Resp: 425167
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 32.3 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: VW019586.D
Acq: 23 Jul 2021 20:39

Tgt Ion:152 Resp: 198708
Ion Ratio Lower Upper
152 100
115 58.7 30.6 91.8
150 155.3 0.0 342.4

