

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072121\
 Data File : VD069788.D
 Acq On : 21 Jul 2021 13:52
 Operator : VA/SY
 Sample : M3028-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jul 22 03:40:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	533689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1044273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1225595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	562810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	320390	48.079	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.160%
35) Dibromofluoromethane	7.914	113	326436	46.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.180%
50) Toluene-d8	10.338	98	1392750	51.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.626	95	587288	64.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	129.400%

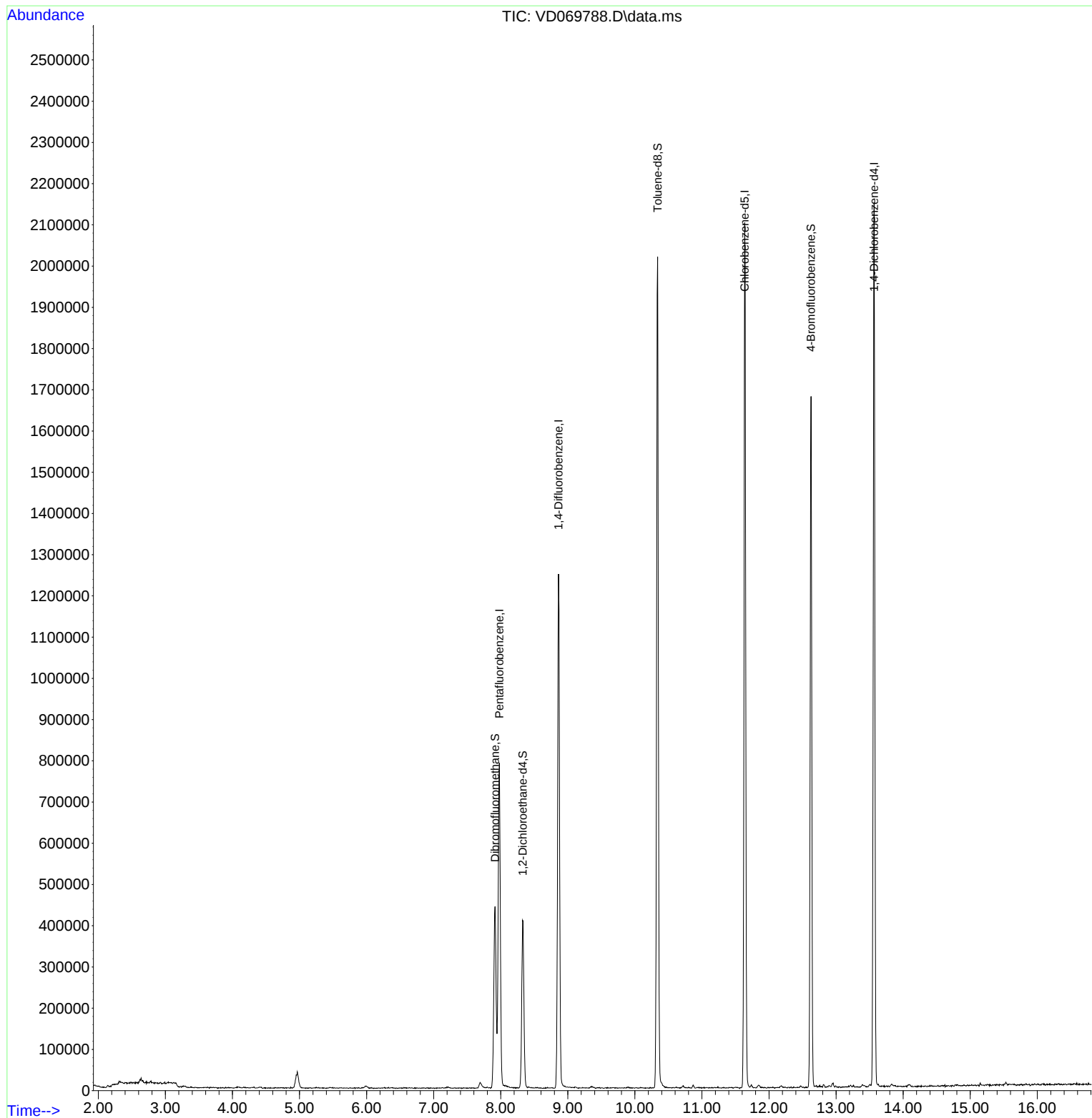
Target Compounds	Qvalue

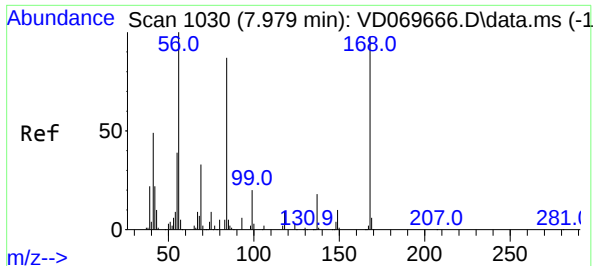
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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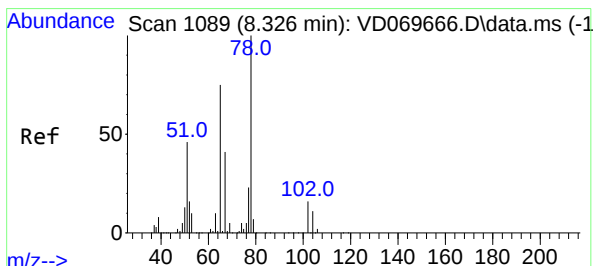
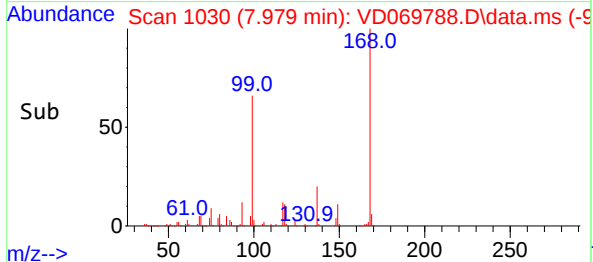
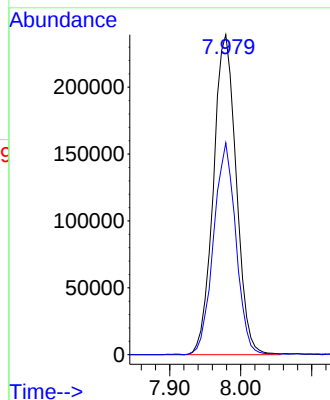
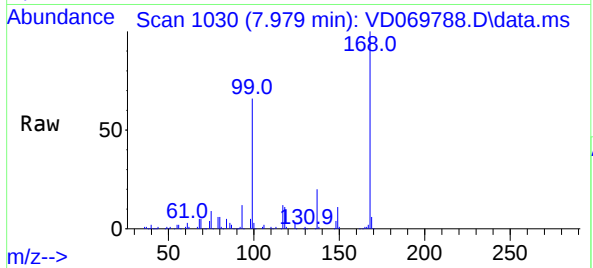




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

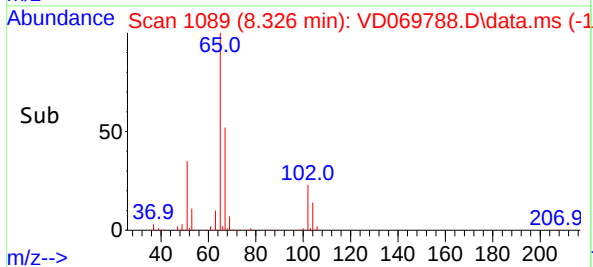
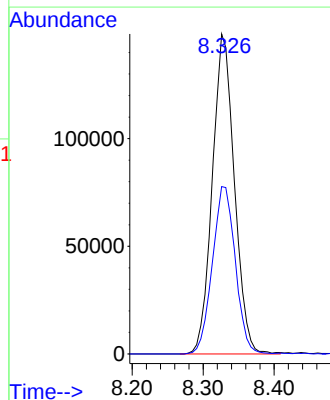
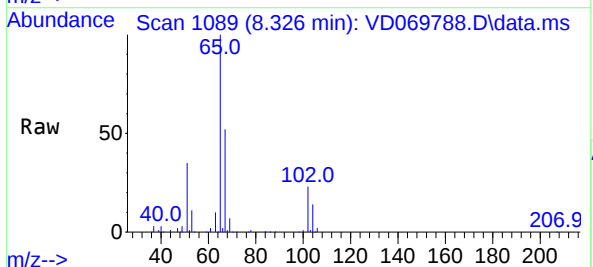
Instrument :
MSVOA_D
ClientSampled :
VOC

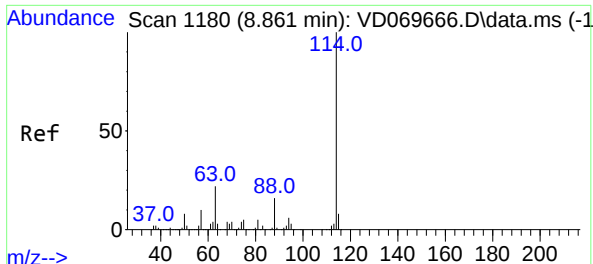
Tgt Ion:168 Resp: 533689
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 48.079 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

Tgt Ion: 65 Resp: 320390
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2

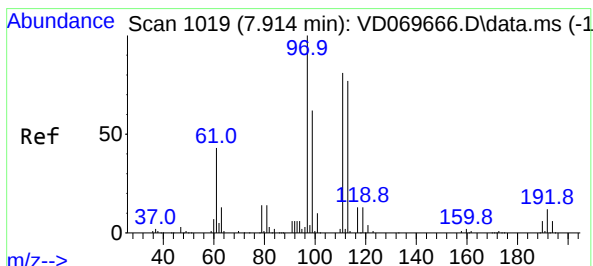
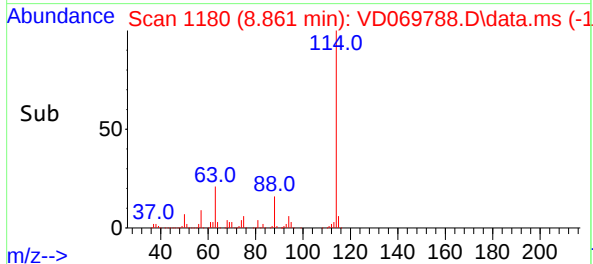
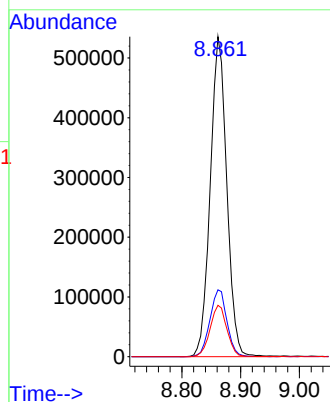
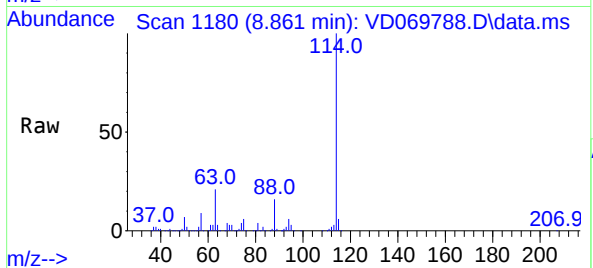




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

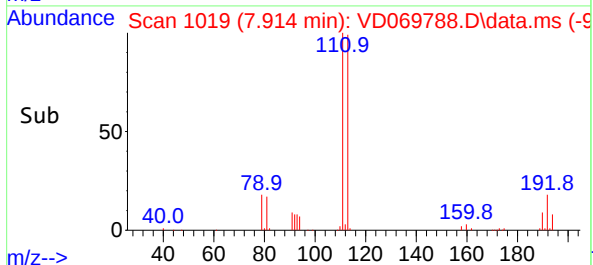
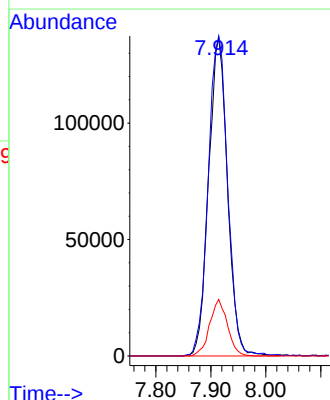
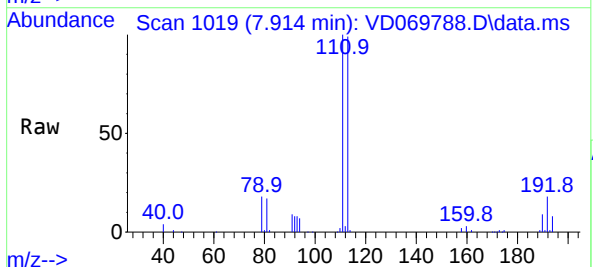
Instrument :
MSVOA_D
ClientSampled :
VOC

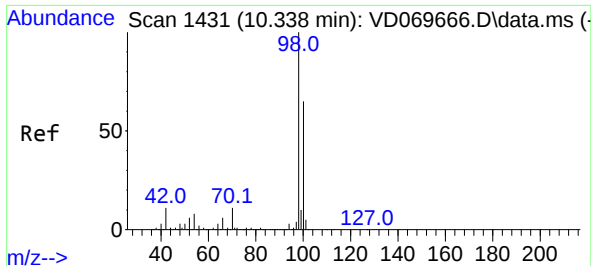
Tgt Ion:114 Resp: 1044273
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.595 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

Tgt Ion:113 Resp: 326436
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 16.7 12.7 19.1

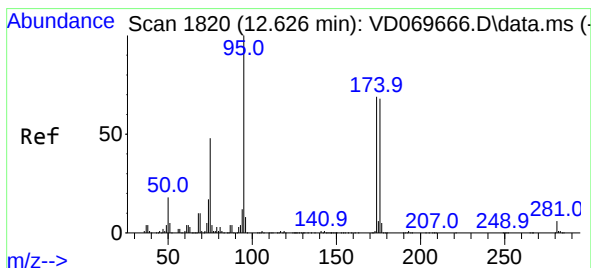
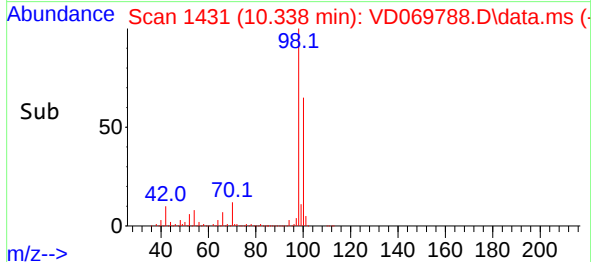
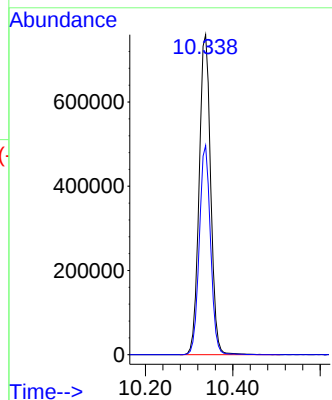
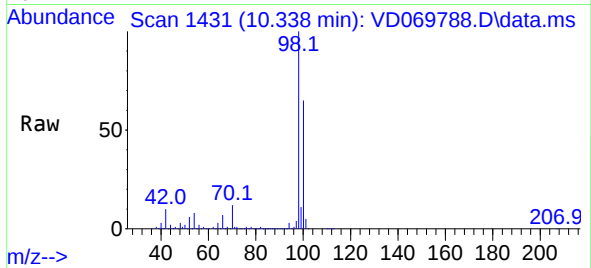




#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

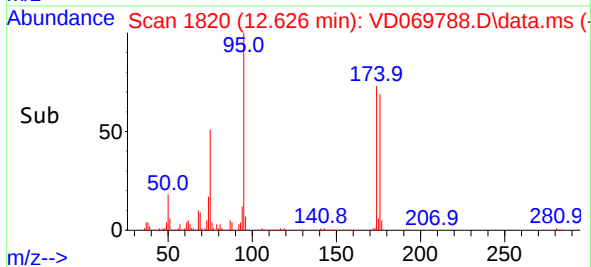
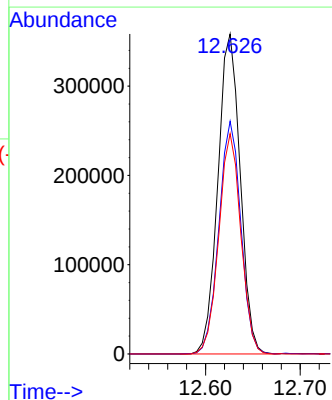
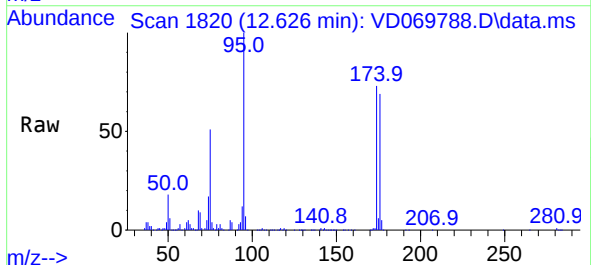
Instrument :
MSVOA_D
ClientSampled :
VOC

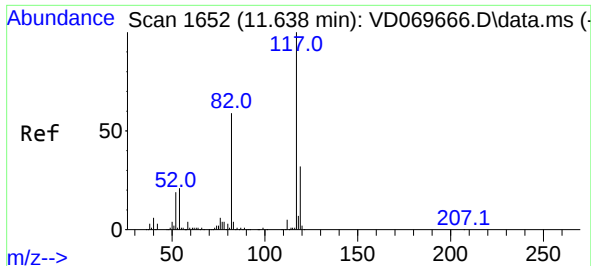
Tgt Ion: 98 Resp: 1392750
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 64.698 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

Tgt Ion: 95 Resp: 587288
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.0
176 67.9 0.0 136.2

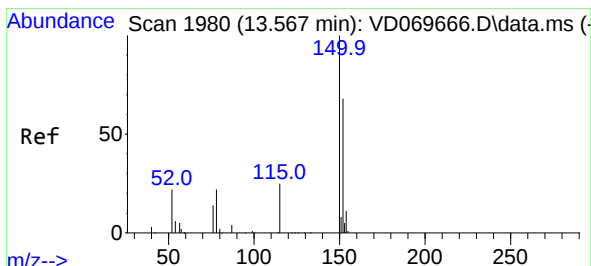
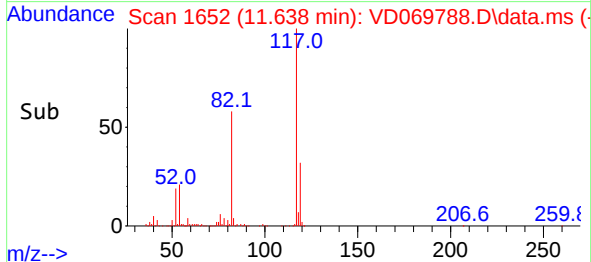
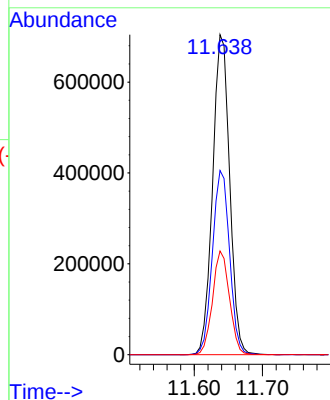
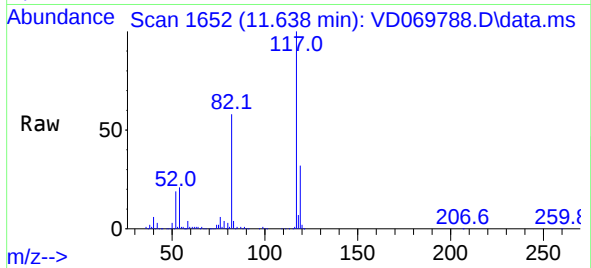




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion:117 Resp: 1225595
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069788.D
Acq: 21 Jul 2021 13:52

Tgt Ion:152 Resp: 562810
Ion Ratio Lower Upper
152 100
115 63.1 31.7 95.1
150 159.8 0.0 350.4

