

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070242.D
 Acq On : 25 Aug 2021 10:46
 Operator : VA/SY
 Sample : VD0825SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBL01

Quant Time: Aug 25 14:43:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	514929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1041322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1027702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	446041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	349160	57.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.300%
35) Dibromofluoromethane	7.914	113	351045	52.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.360%
50) Toluene-d8	10.338	98	1376236	52.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.180%
62) 4-Bromofluorobenzene	12.626	95	445809	51.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.460%

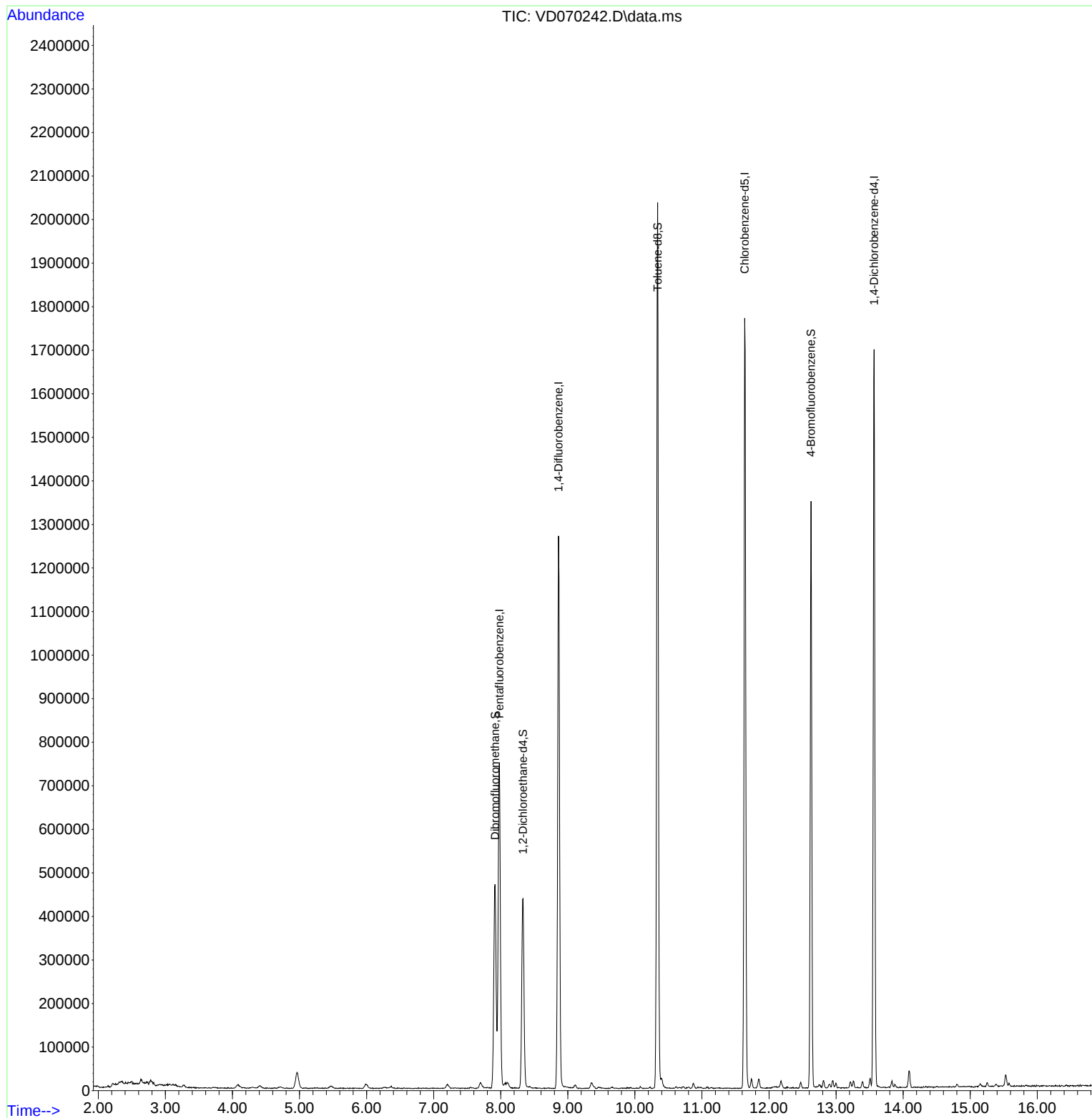
Target Compounds	Qvalue

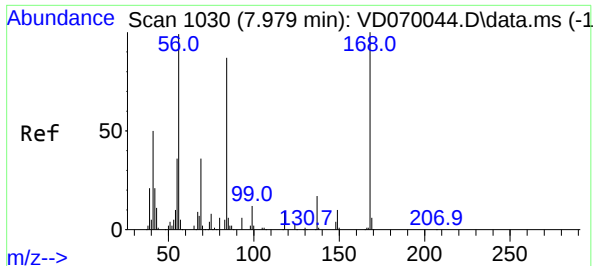
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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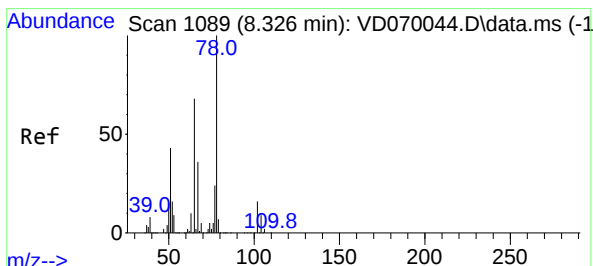
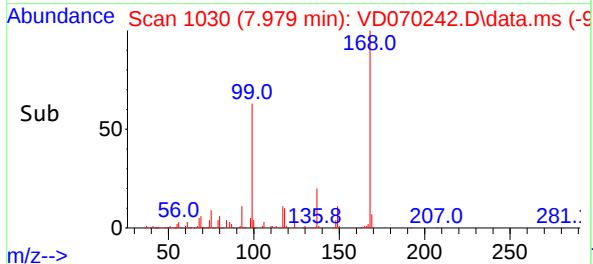
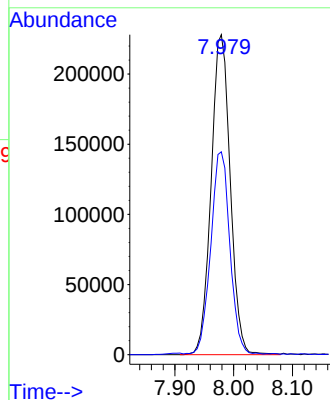
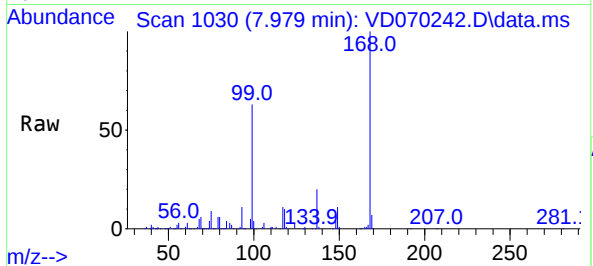




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

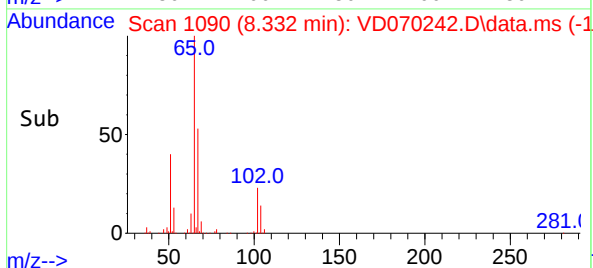
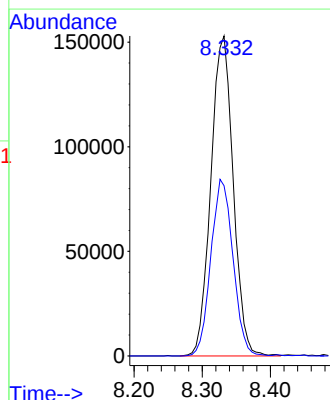
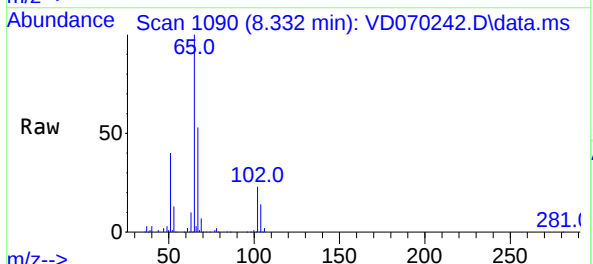
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

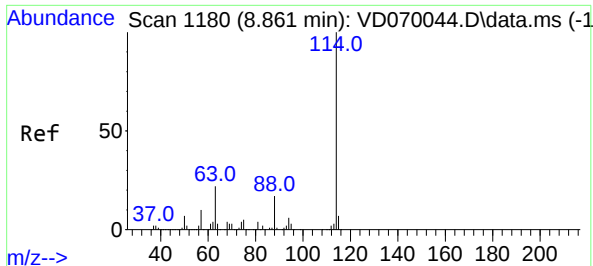
Tgt Ion:168 Resp: 514929
Ion Ratio Lower Upper
168 100
99 63.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 57.652 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 65 Resp: 349160
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8



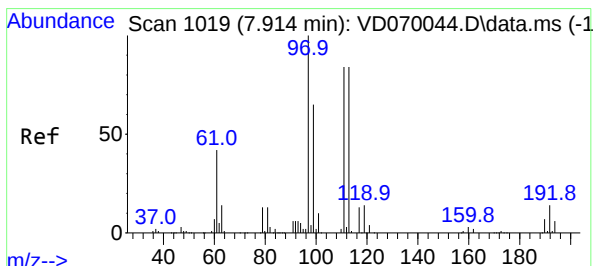
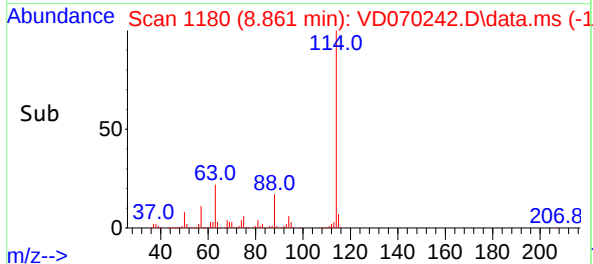
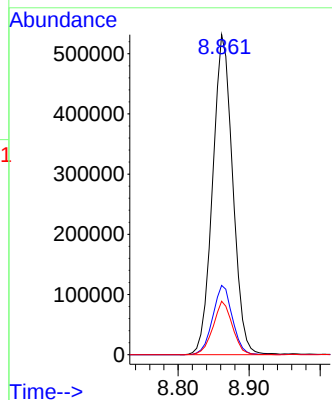
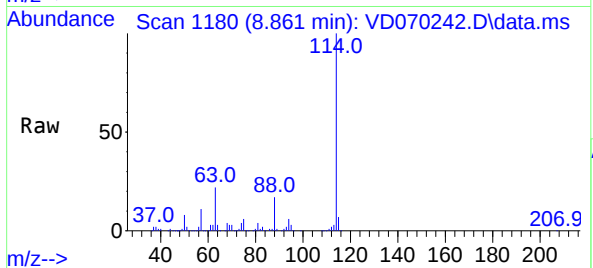


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

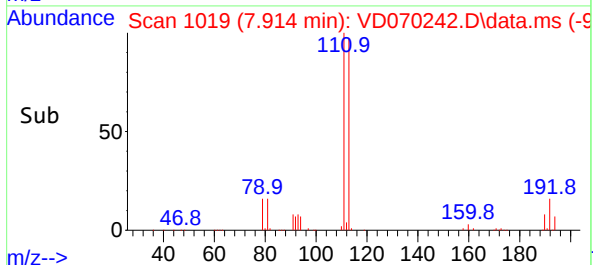
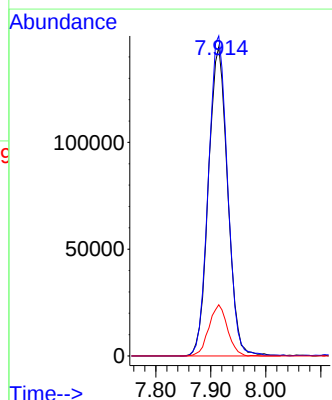
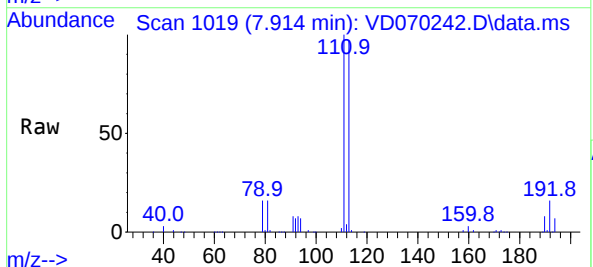
Tgt Ion:114 Resp: 1041322
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 16.7 0.0 33.4

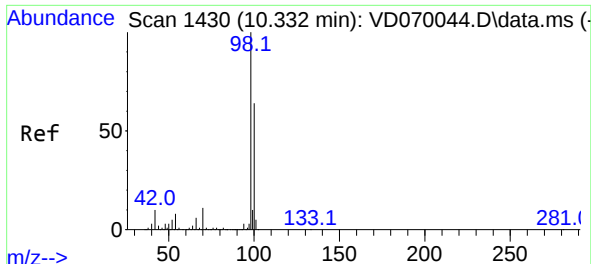


#35

Dibromofluoromethane
Concen: 52.180 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion:113 Resp: 351045
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 16.0 13.2 19.8

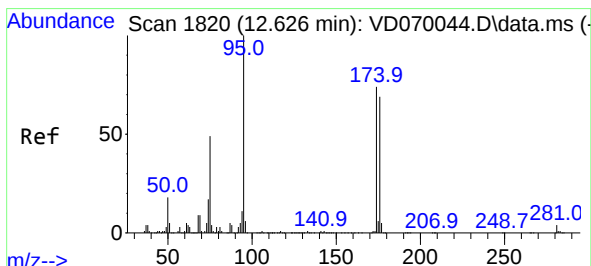
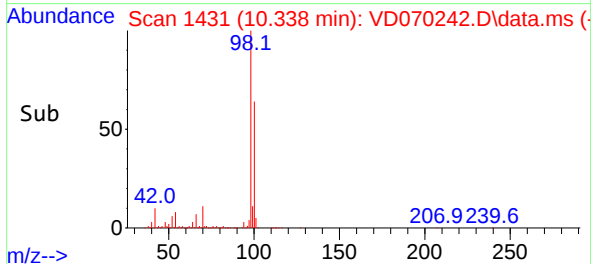
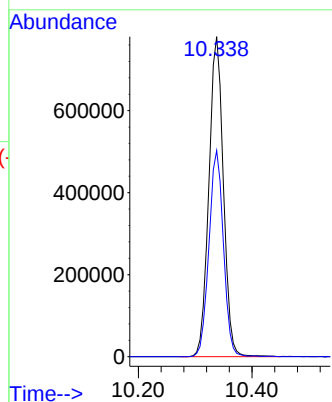
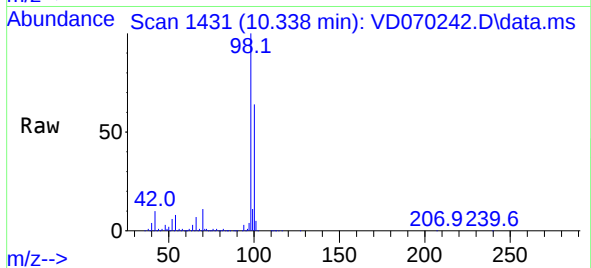




#50
Toluene-d8
Concen: 52.595 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

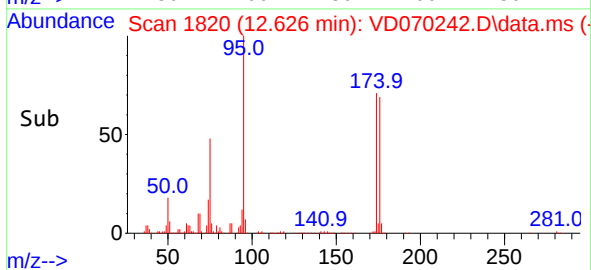
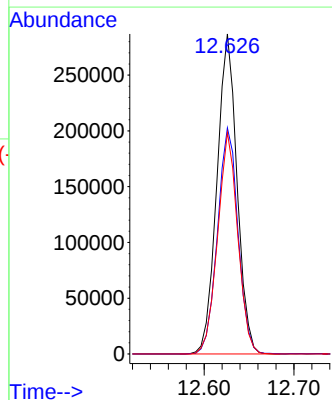
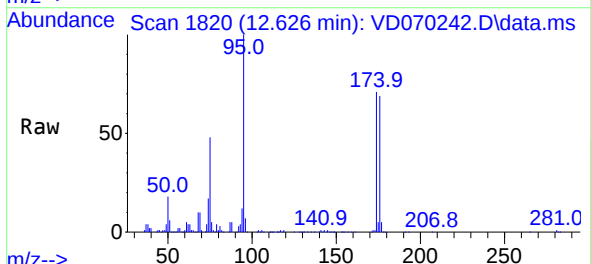
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

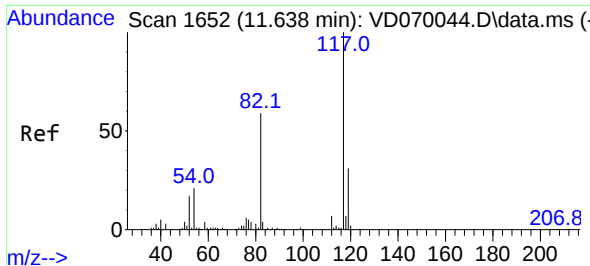
Tgt Ion: 98 Resp: 1376236
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.726 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion: 95 Resp: 445809
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.1 0.0 138.2

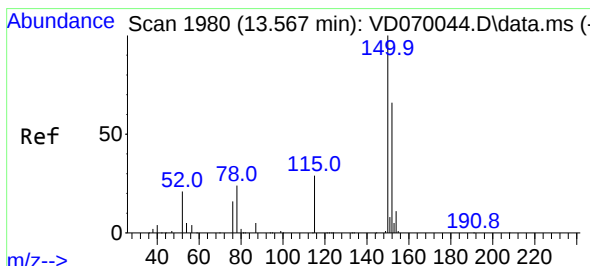
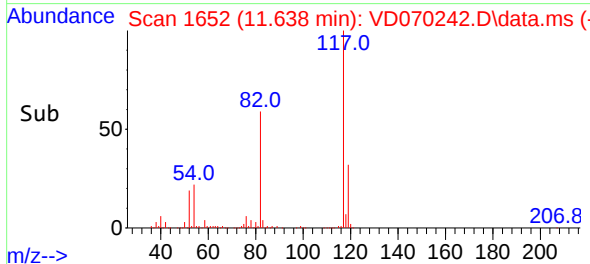
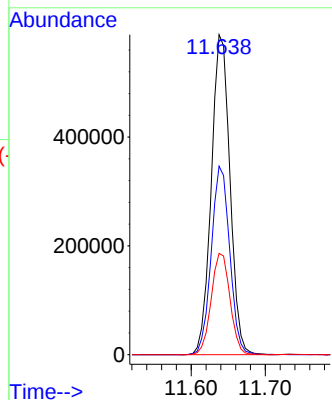
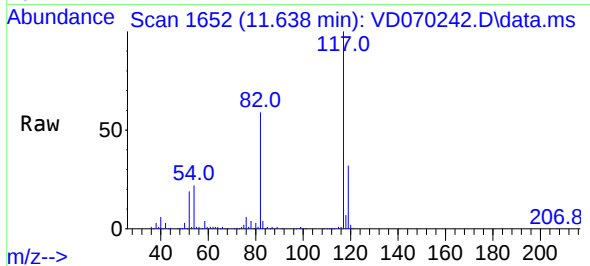




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBL01

Tgt Ion:117 Resp: 1027702
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070242.D
Acq: 25 Aug 2021 10:46

Tgt Ion:152 Resp: 446041
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 156.2 0.0 352.0

