

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070748.D
 Acq On : 19 Oct 2021 10:14
 Operator : VA/SY
 Sample : VD1019SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBL01

Quant Time: Oct 20 04:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	444668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	878954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	832915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	328267	62.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.66%
35) Dibromofluoromethane	7.914	113	301582	53.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.18%
50) Toluene-d8	10.338	98	1129752	52.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.74%
62) 4-Bromofluorobenzene	12.626	95	368567	49.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.22%

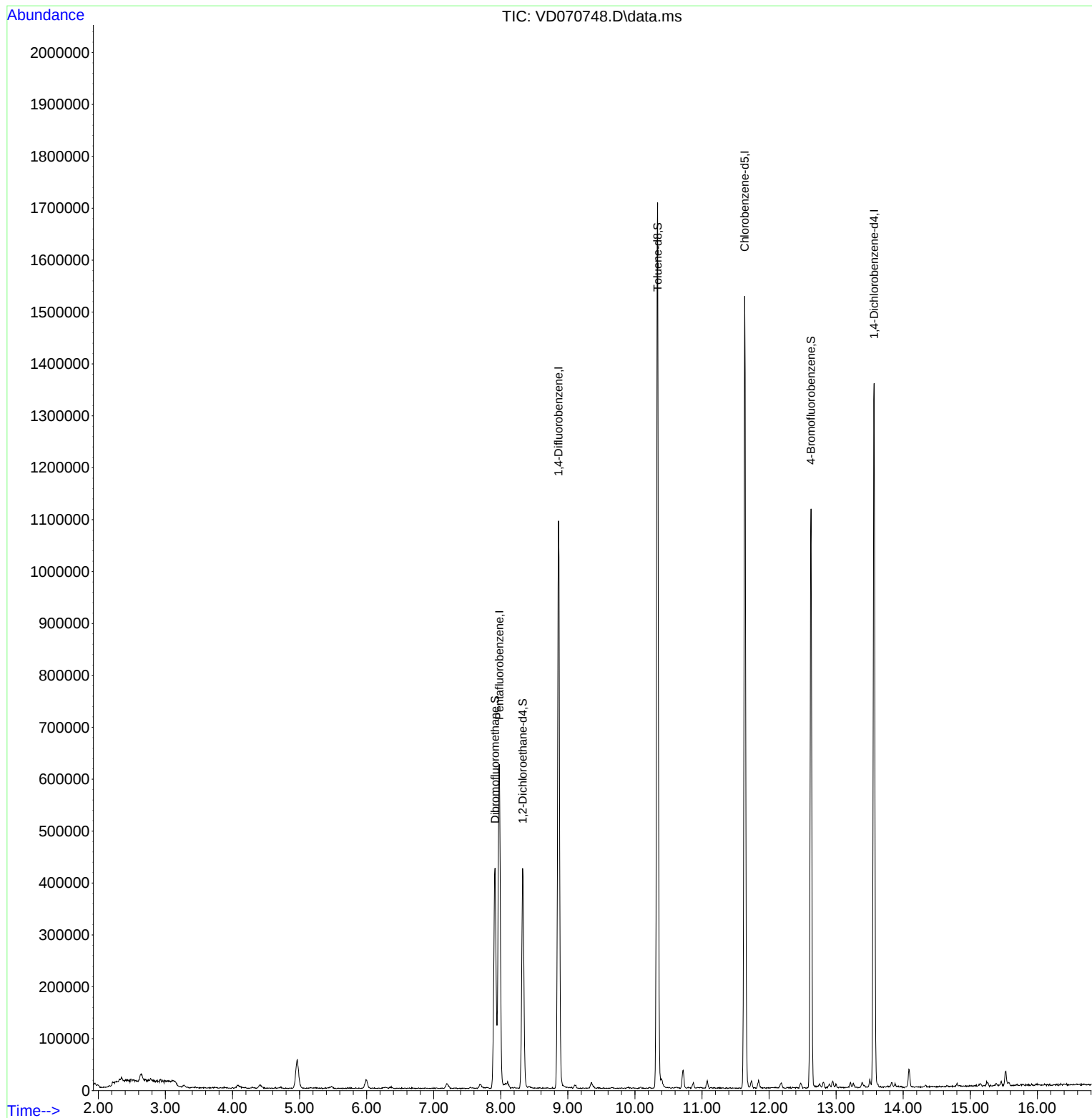
Target Compounds	Qvalue

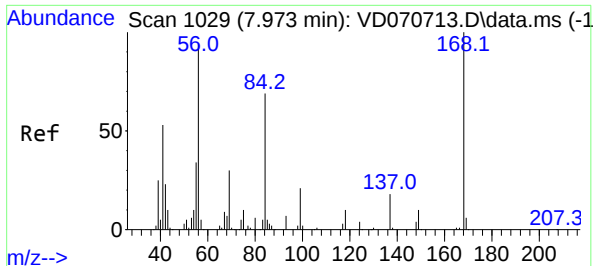
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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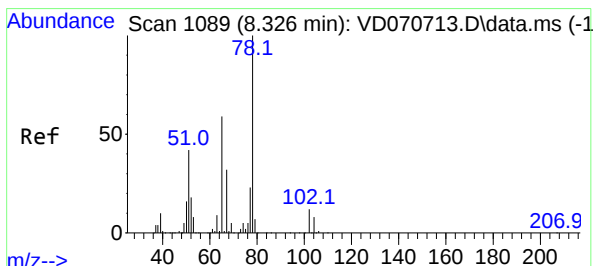
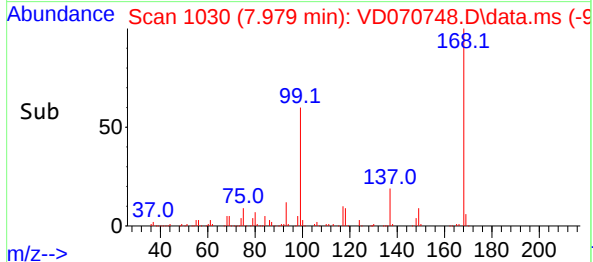
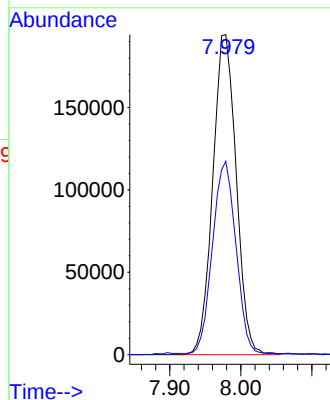
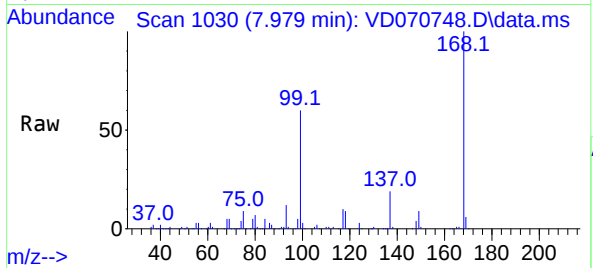




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

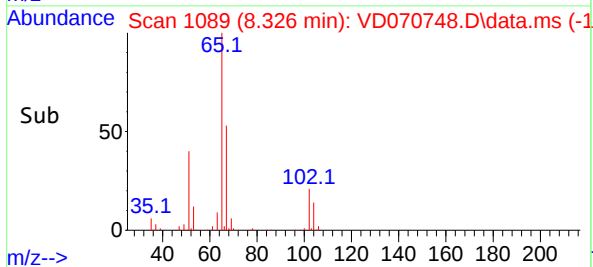
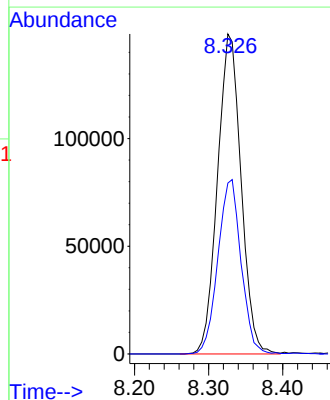
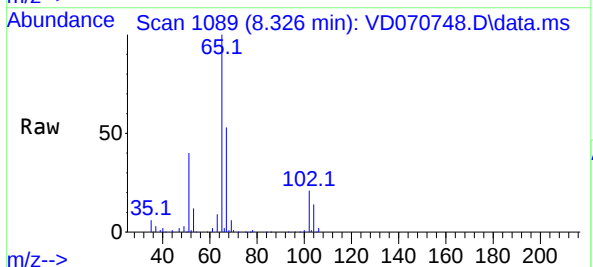
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

Tgt Ion:168 Resp: 444668
Ion Ratio Lower Upper
168 100
99 60.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 62.33 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion: 65 Resp: 328267
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2



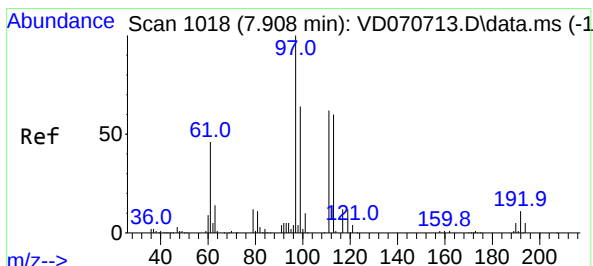
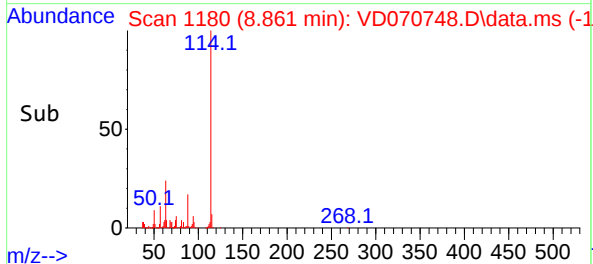
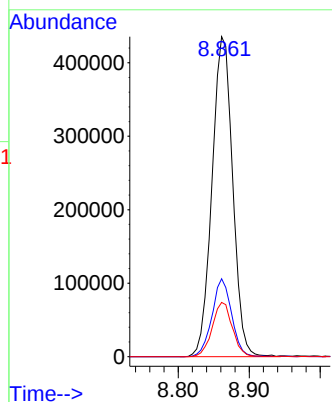
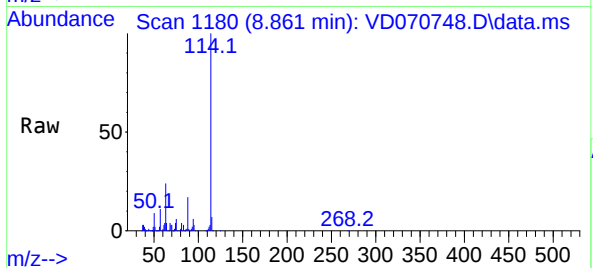


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

Tgt Ion:114 Resp: 878954

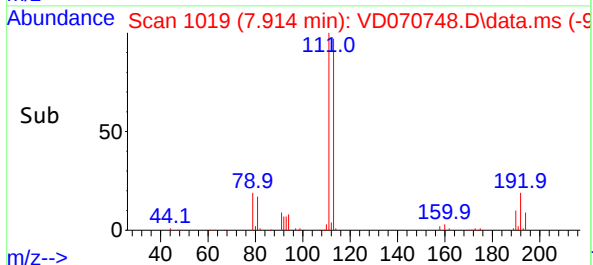
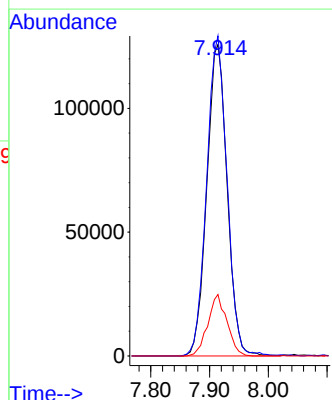
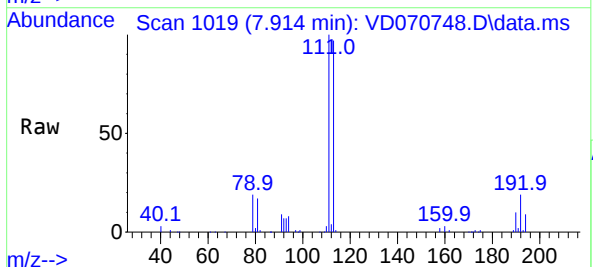
Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	41.8
88	16.9	0.0	32.6

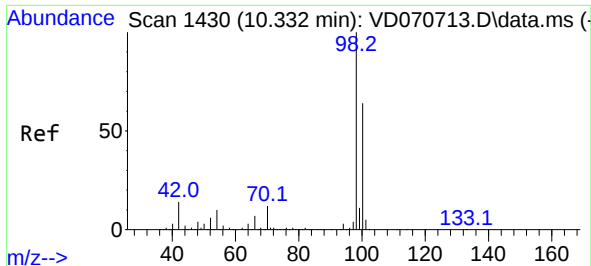


#35
Dibromofluoromethane
Concen: 53.59 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion:113 Resp: 301582

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.1	124.7
192	18.6	12.7	19.1

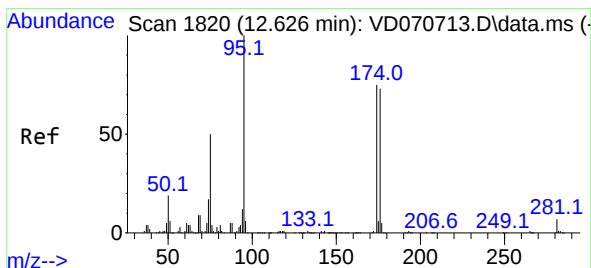
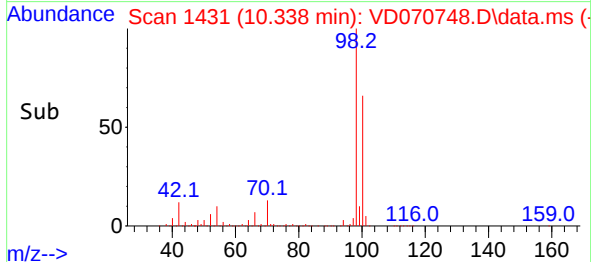
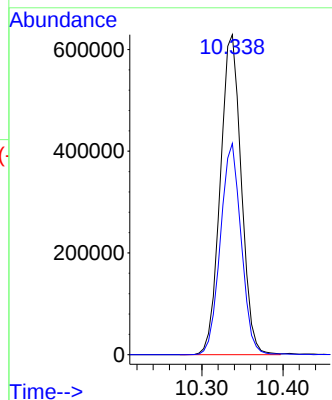
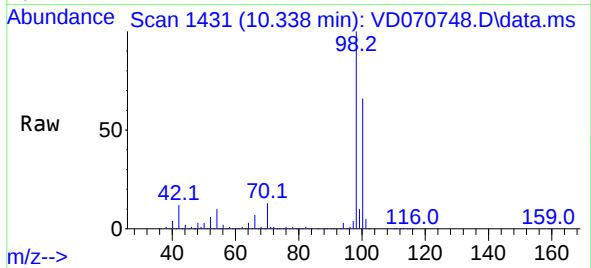




#50
Toluene-d8
Concen: 52.37 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

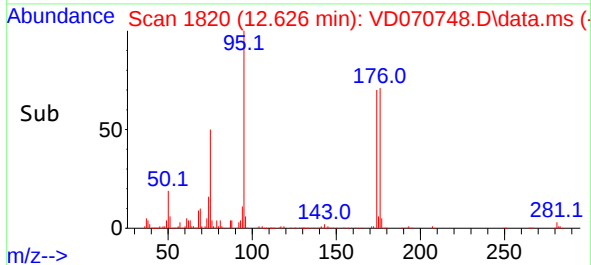
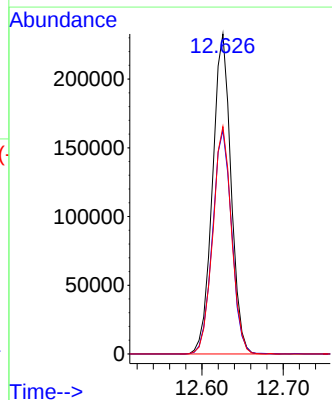
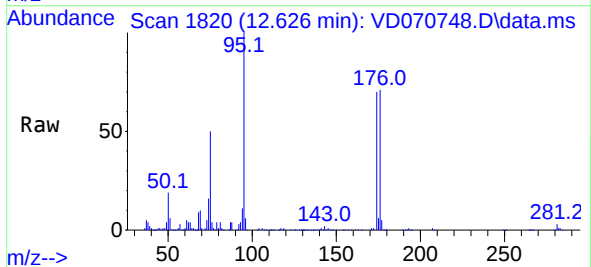
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

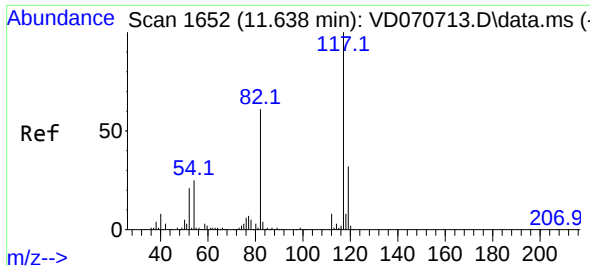
Tgt Ion: 98 Resp: 1129752
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.61 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion: 95 Resp: 368567
Ion Ratio Lower Upper
95 100
174 72.0 0.0 138.0
176 71.8 0.0 135.6



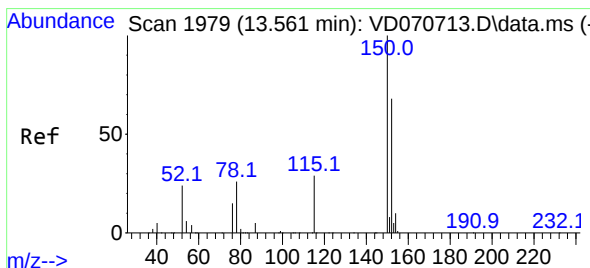
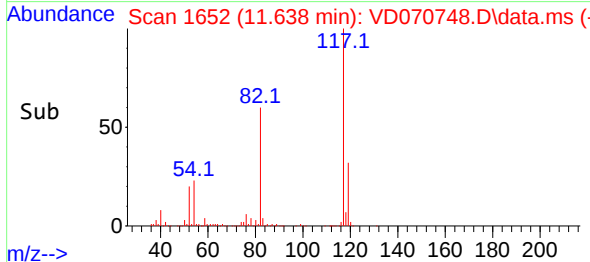
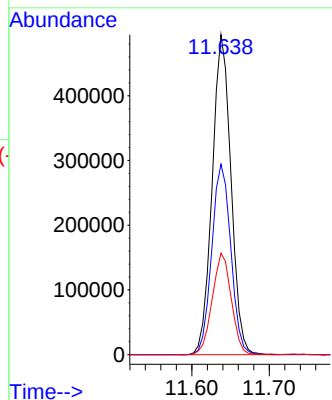
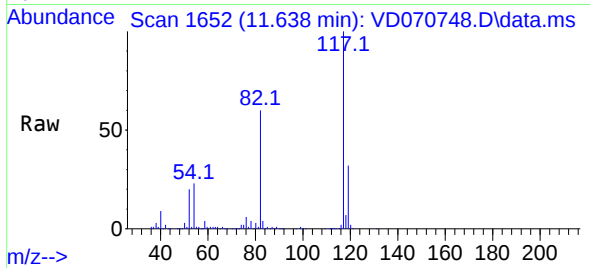


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

Tgt Ion:117 Resp: 832915

Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.4	68.2
119	31.7	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion:152 Resp: 354394

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.9	95.7
150	156.7	0.0	350.0

