

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070662.D
 Acq On : 11 Oct 2021 16:09
 Operator : VA/SY
 Sample : M4117-04
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(9.5-10.0)

Quant Time: Oct 12 05:41:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	360246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	704153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	657653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276268	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218812	51.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.22%
35) Dibromofluoromethane	7.909	113	229845	49.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.20%
50) Toluene-d8	10.332	98	897252	50.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.26%
62) 4-Bromofluorobenzene	12.626	95	279736	46.77	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.54%

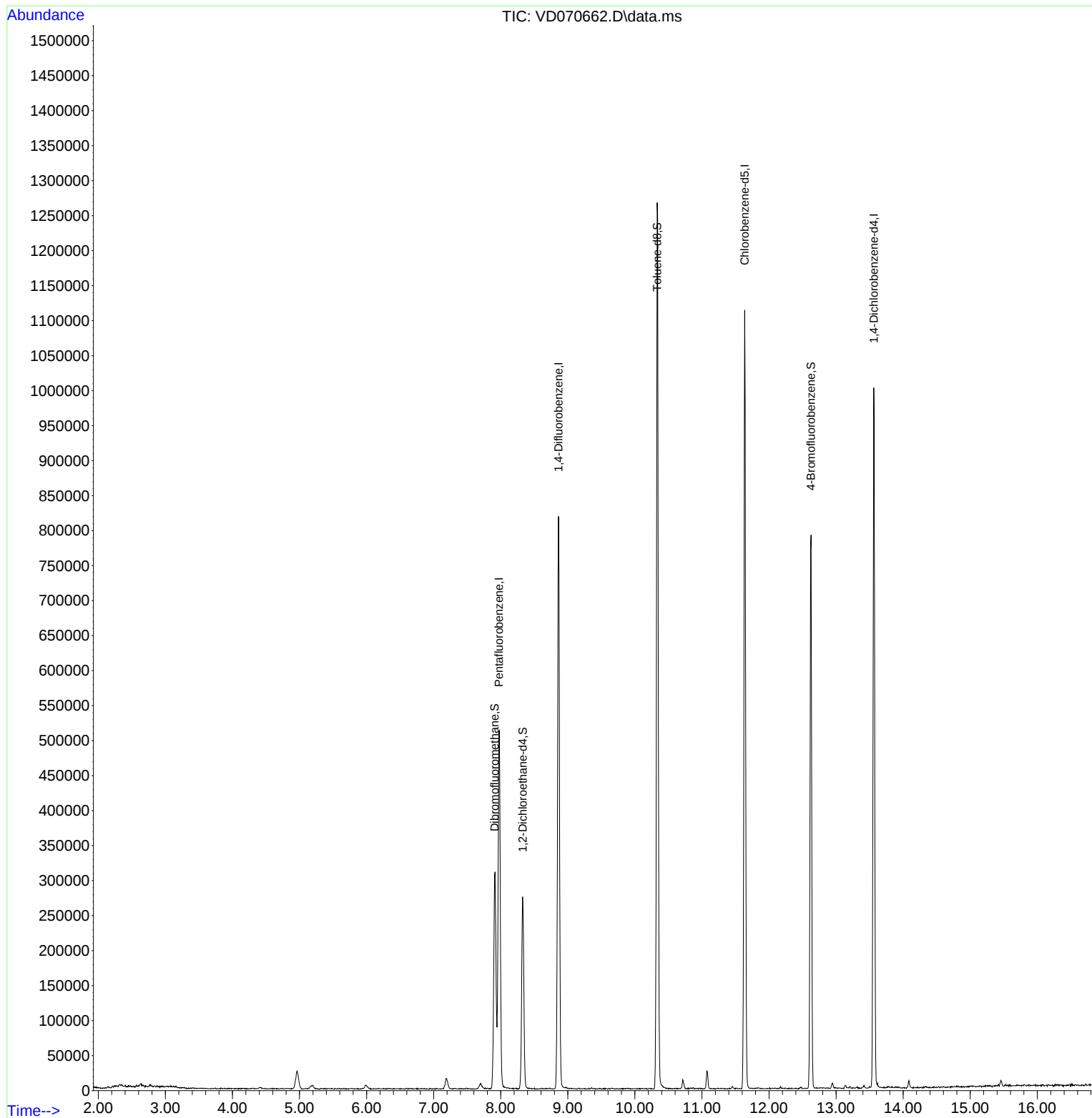
Target Compounds	Qvalue

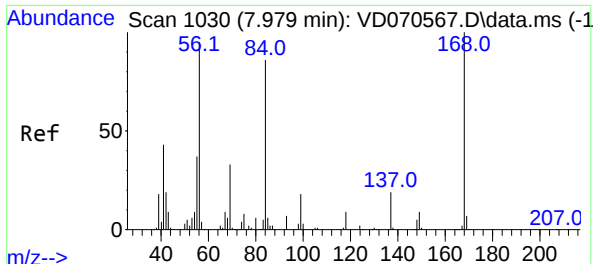
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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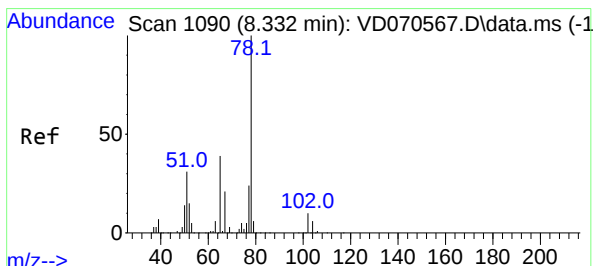
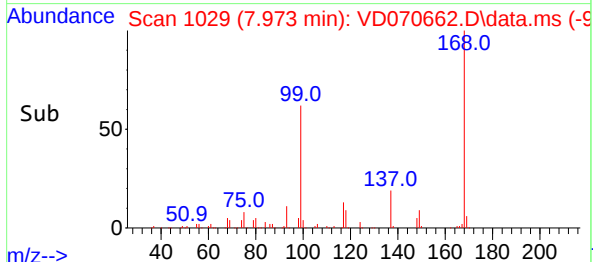
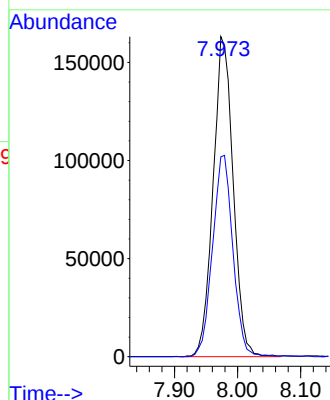
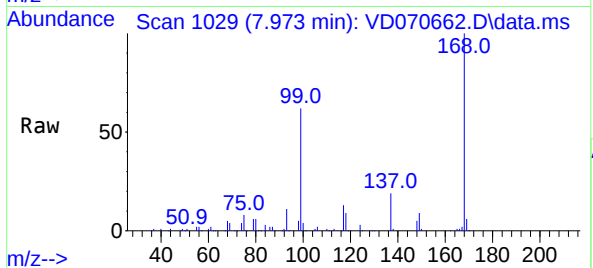




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

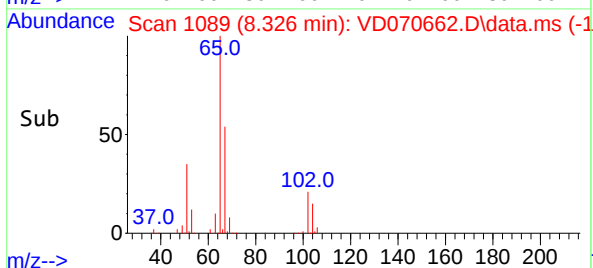
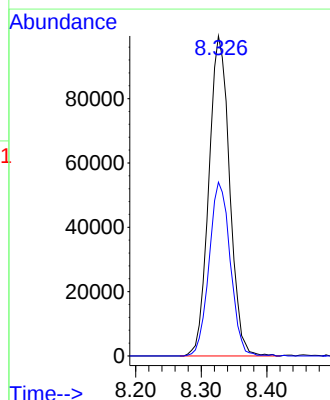
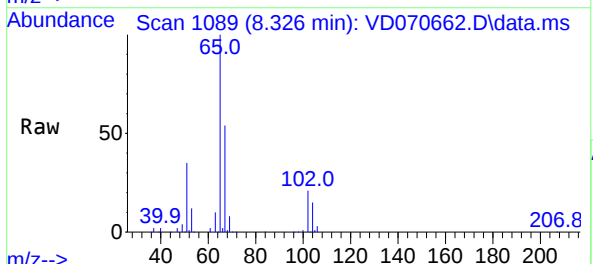
Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

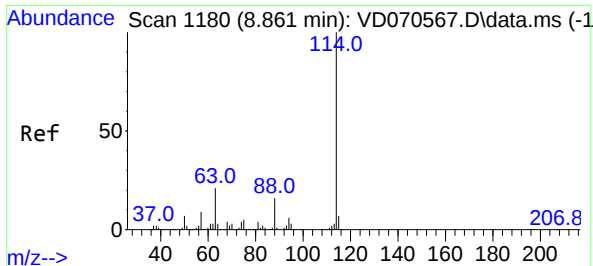
Tgt Ion:168 Resp: 360246
Ion Ratio Lower Upper
168 100
99 62.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.61 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

Tgt Ion: 65 Resp: 218812
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2





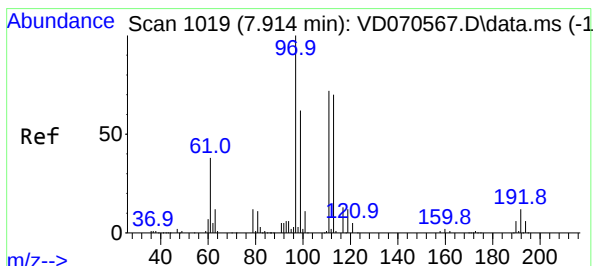
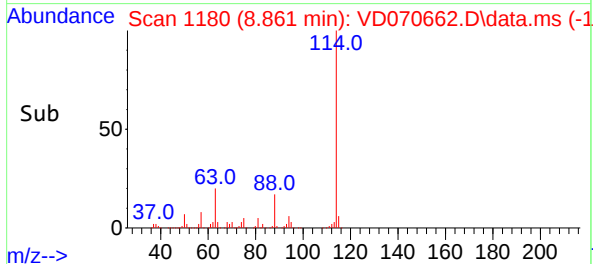
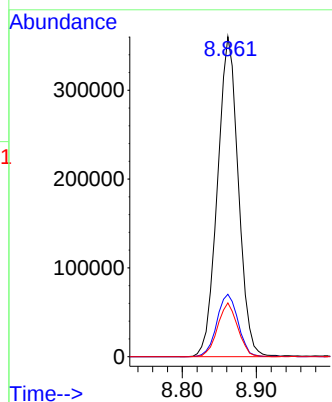
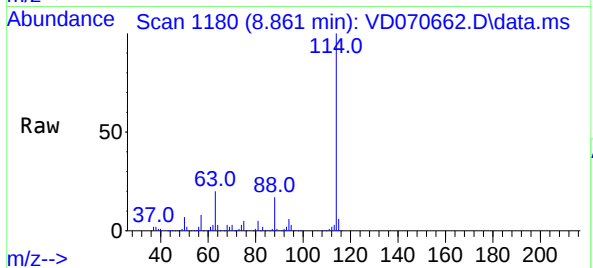
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

Tgt Ion:114 Resp: 704153

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.8
88	16.8	0.0	32.6

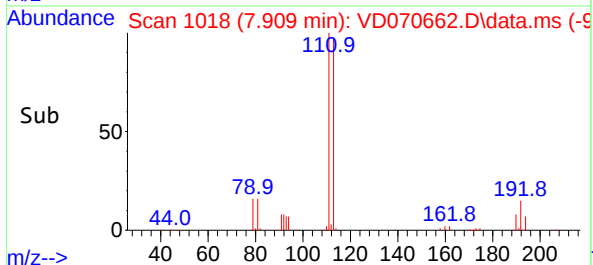
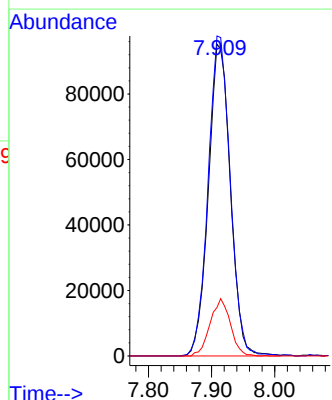
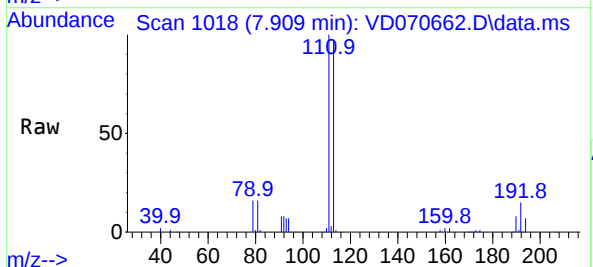


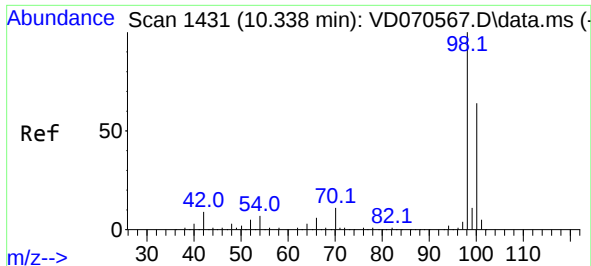
#35

Dibromofluoromethane
Concen: 49.10 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

Tgt Ion:113 Resp: 229845

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.9	12.7	19.1

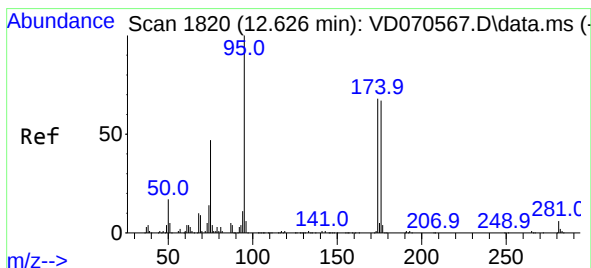
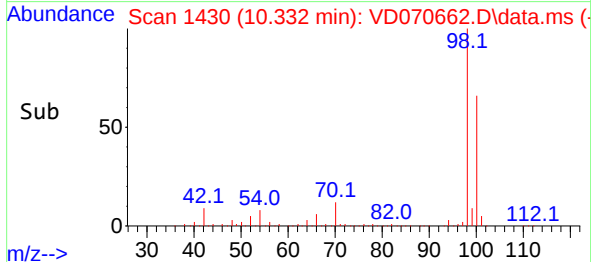
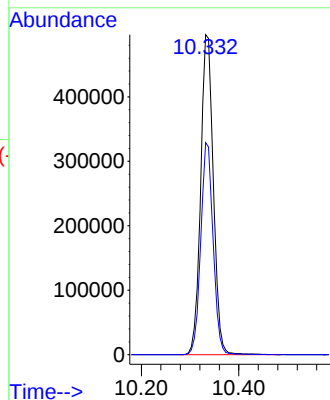
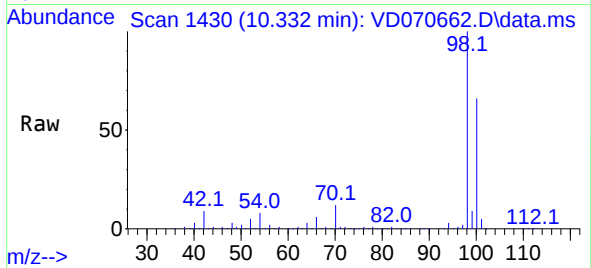




#50
Toluene-d8
Concen: 50.13 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

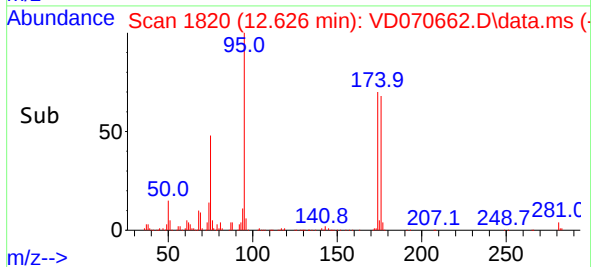
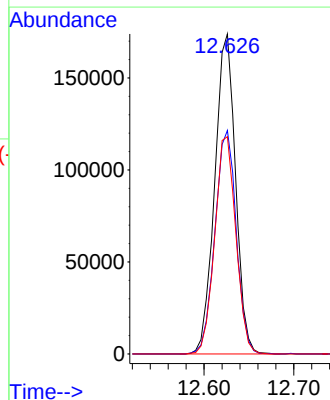
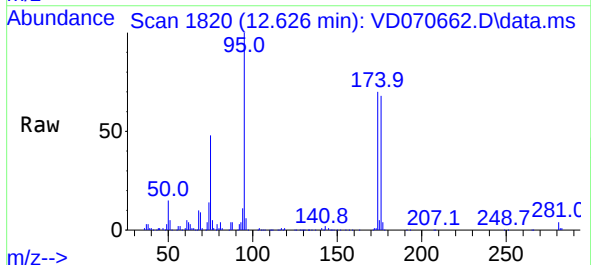
Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

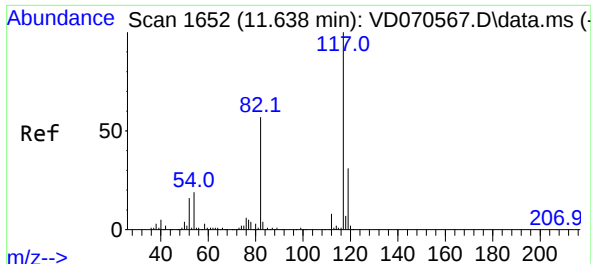
Tgt Ion: 98 Resp: 897252
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.77 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

Tgt Ion: 95 Resp: 279736
Ion Ratio Lower Upper
95 100
174 71.6 0.0 138.0
176 69.1 0.0 135.6

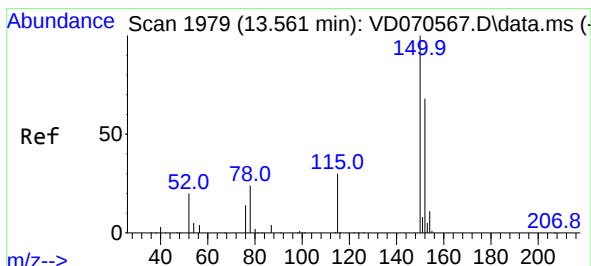
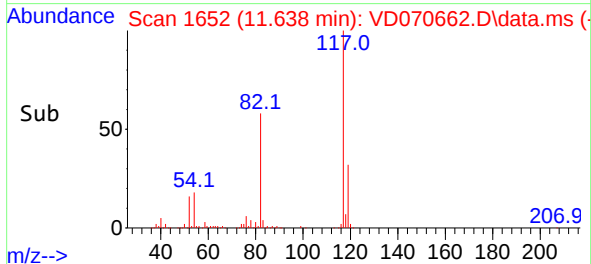
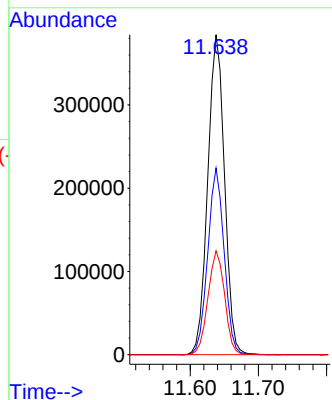
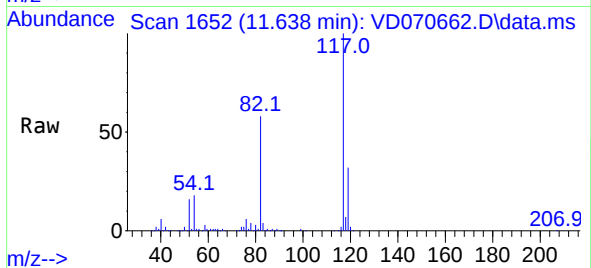




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

Tgt Ion:117 Resp: 657653
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 32.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070662.D
Acq: 11 Oct 2021 16:09

Tgt Ion:152 Resp: 276268
Ion Ratio Lower Upper
152 100
115 60.8 31.9 95.7
150 155.9 0.0 350.0

