

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070593.D
 Acq On : 06 Oct 2021 15:03
 Operator : VA/SY
 Sample : M4064-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 357

Quant Time: Oct 07 07:00:36 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	7.979	168	369651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	737223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	676061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215107	49.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.914	113	238492	48.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.338	98	945503	50.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.620	95	267796	42.761	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.520%

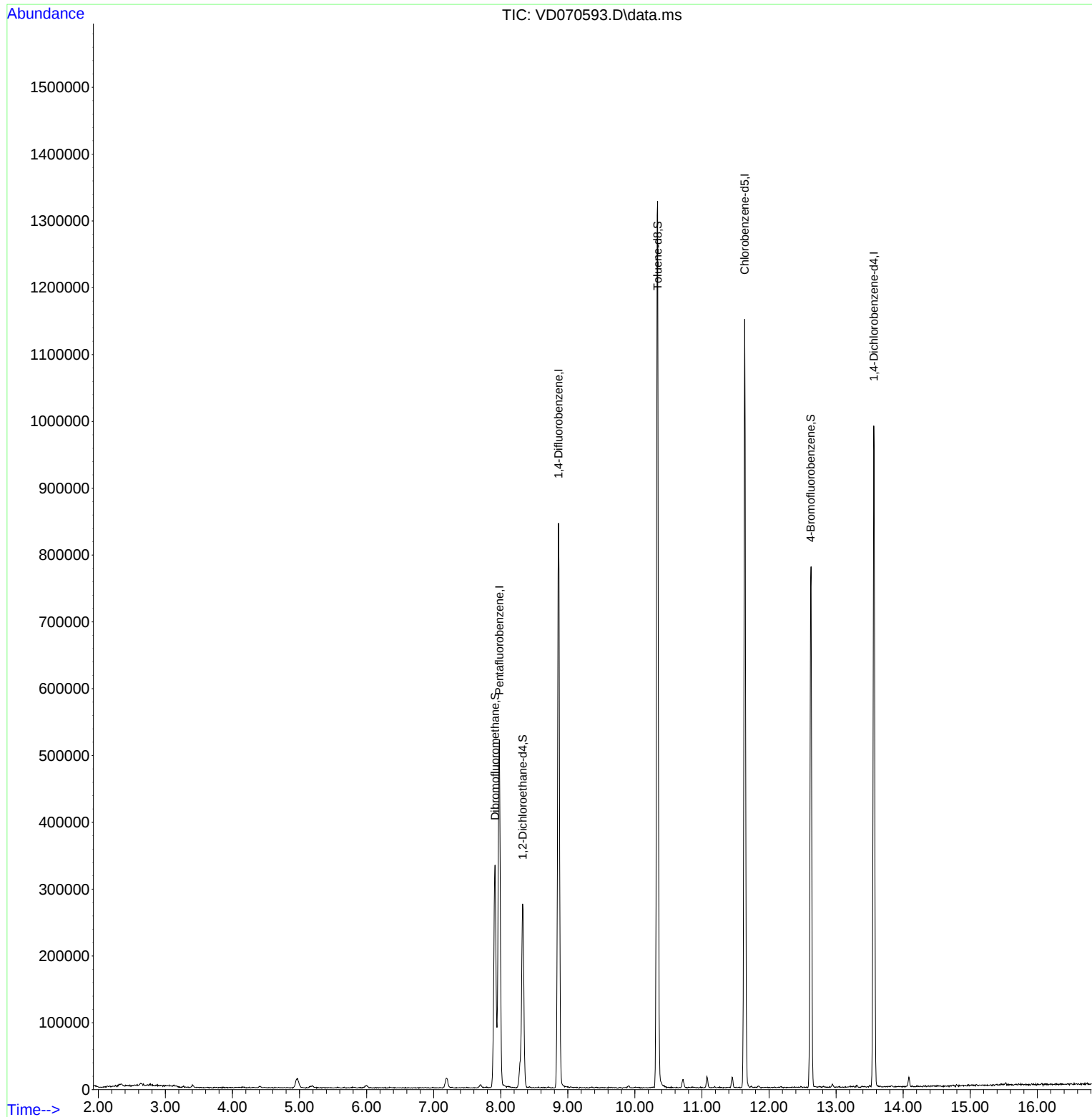
Target Compounds	Qvalue

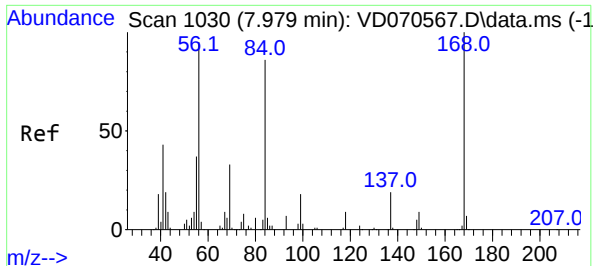
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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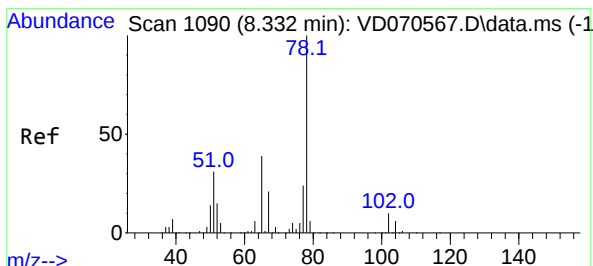
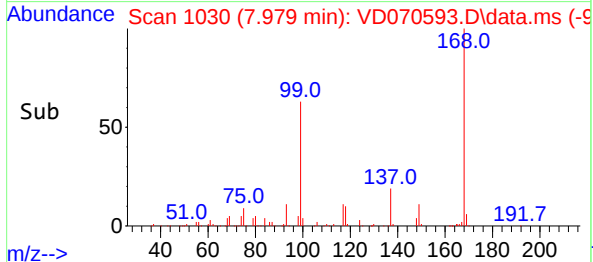
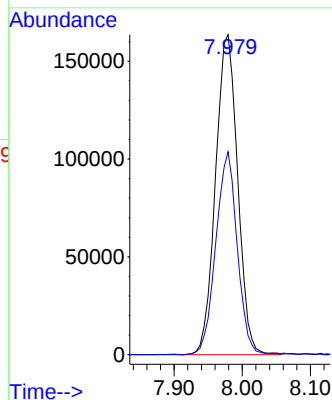
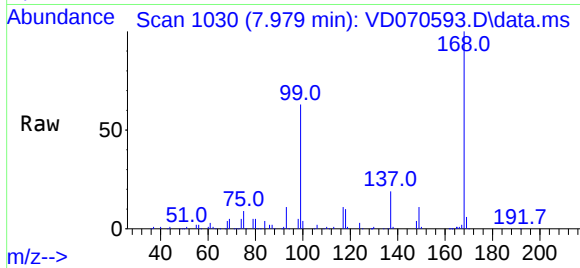




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

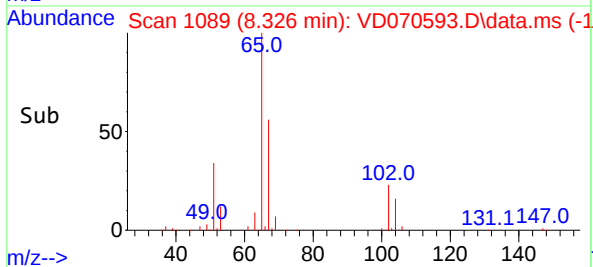
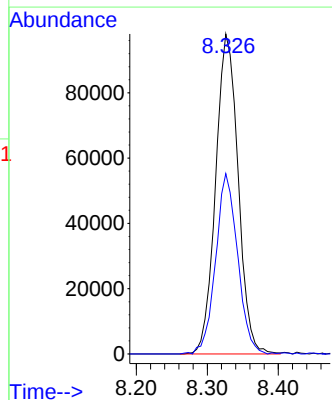
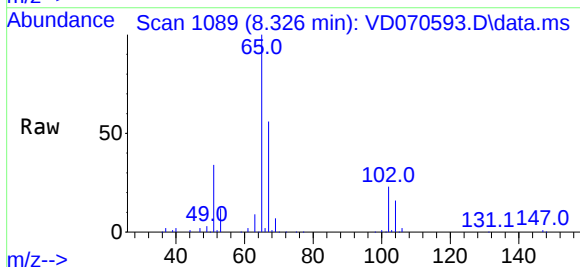
Instrument :
MSVOA_D
ClientSampleId :
357

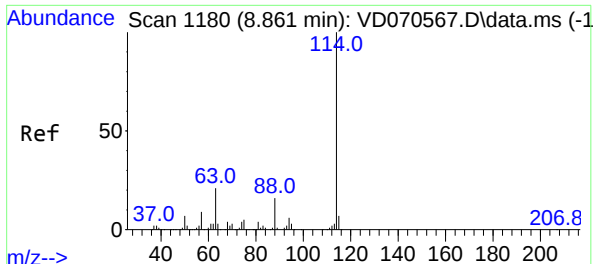
Tgt Ion:168 Resp: 369651
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 49.447 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

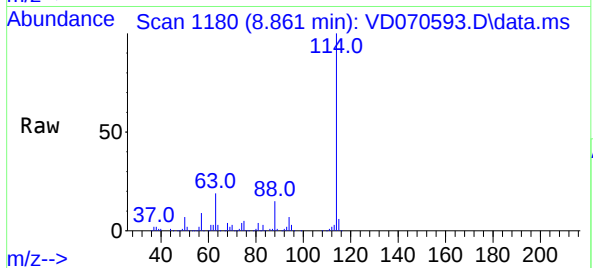
Tgt Ion: 65 Resp: 215107
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





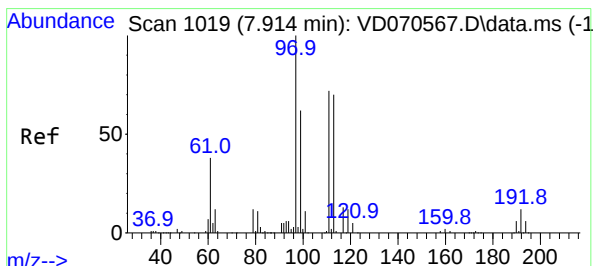
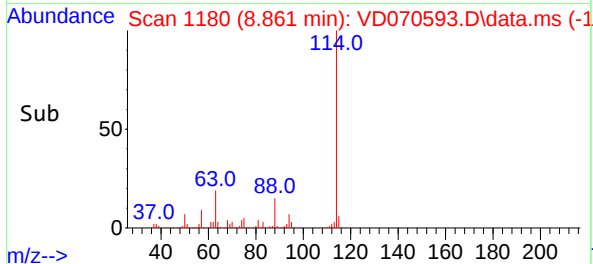
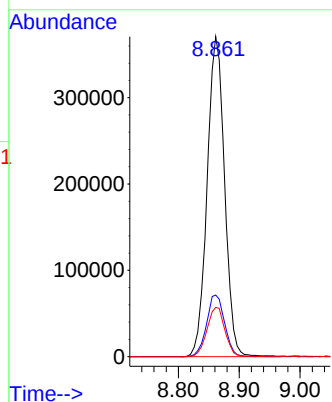
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

Instrument :
MSVOA_D
ClientSampleId :
357



Tgt Ion:114 Resp: 737223

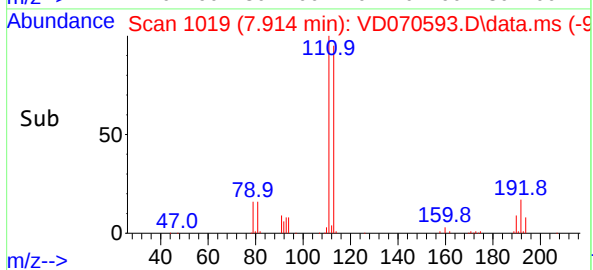
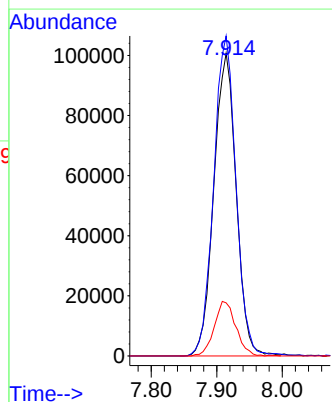
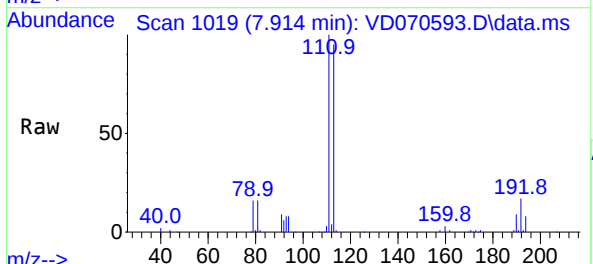
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.8
88	15.4	0.0	32.6

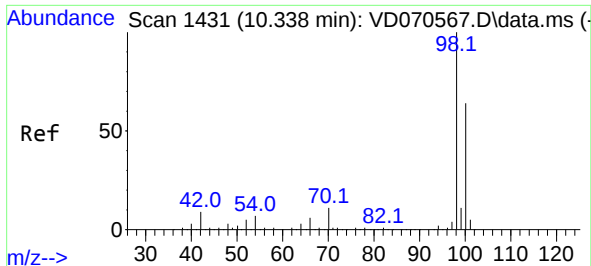


#35
Dibromofluoromethane
Concen: 48.657 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

Tgt Ion:113 Resp: 238492

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.1	124.7
192	17.3	12.7	19.1

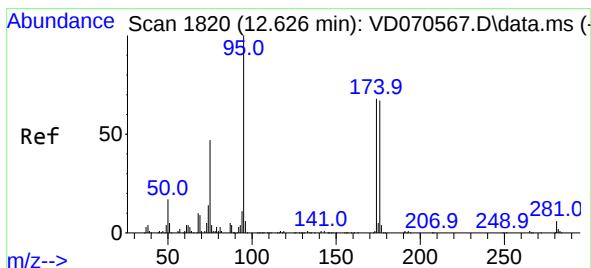
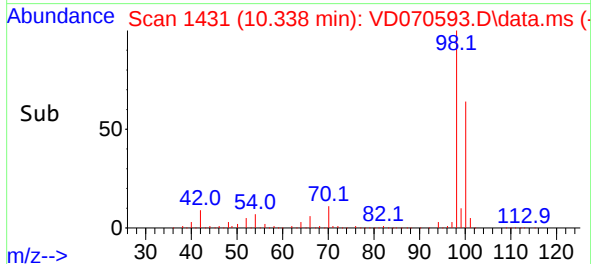
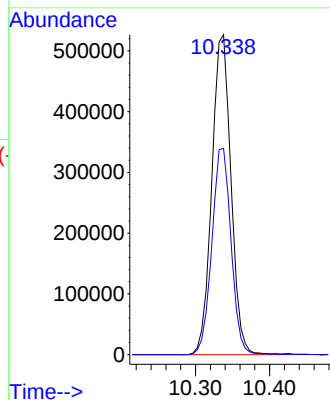
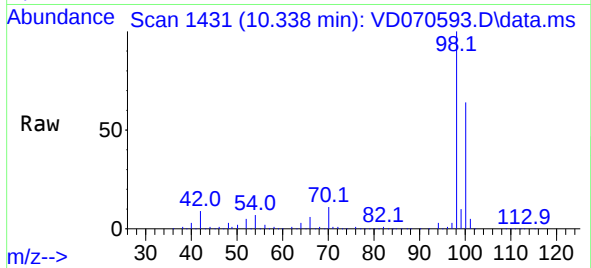




#50
Toluene-d8
Concen: 50.460 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

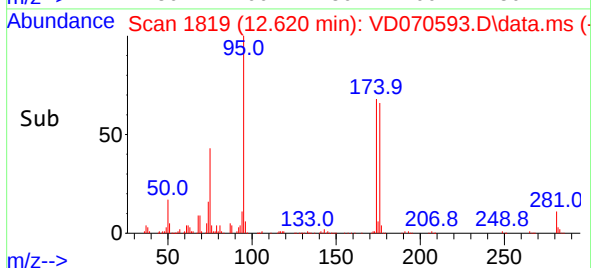
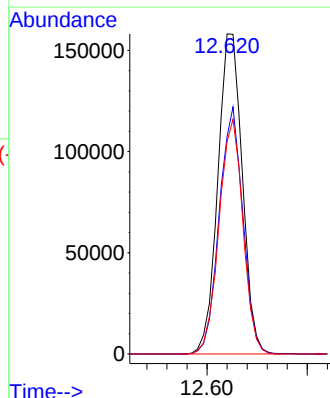
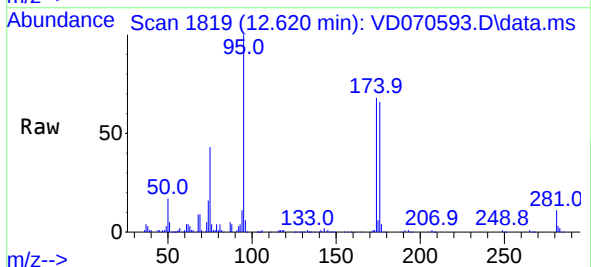
Instrument :
MSVOA_D
ClientSampleId :
357

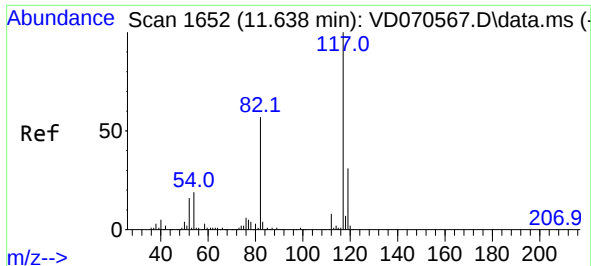
Tgt Ion: 98 Resp: 945503
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 42.761 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

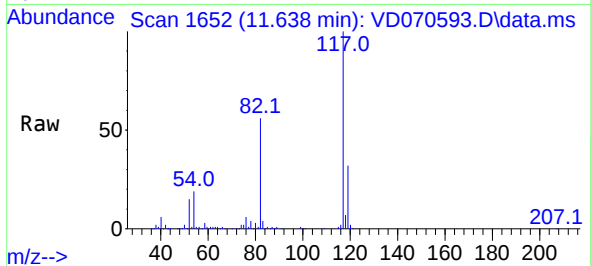
Tgt Ion: 95 Resp: 267796
Ion Ratio Lower Upper
95 100
174 74.5 0.0 138.0
176 71.5 0.0 135.6



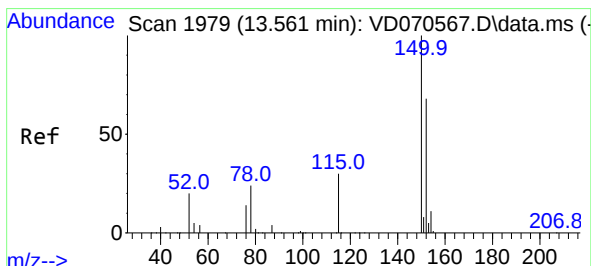
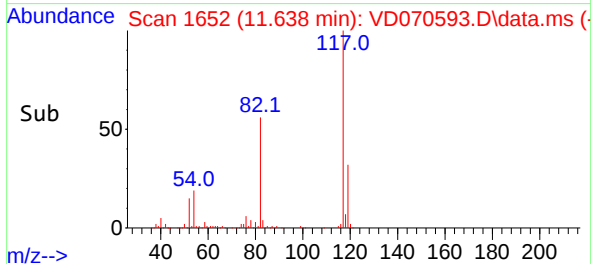
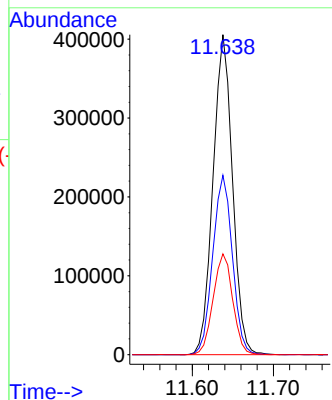


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03

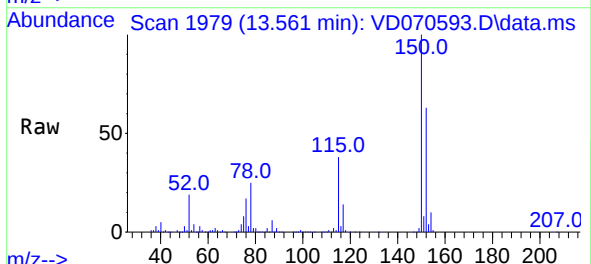
Instrument :
MSVOA_D
ClientSampleId :
357



Tgt Ion:117 Resp: 676061
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070593.D
Acq: 06 Oct 2021 15:03



Tgt Ion:152 Resp: 267440
Ion Ratio Lower Upper
152 100
115 61.5 31.9 95.7
150 157.4 0.0 350.0

