

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070959.D
 Acq On : 09 Nov 2021 19:38
 Operator : VA/SY
 Sample : M4540-07
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Nov 10 03:58:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	12968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	25974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	26238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12042	87.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.440%#
35) Dibromofluoromethane	7.908	113	6679	45.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.332	98	31345	54.609	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.620	95	13116	63.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.920%

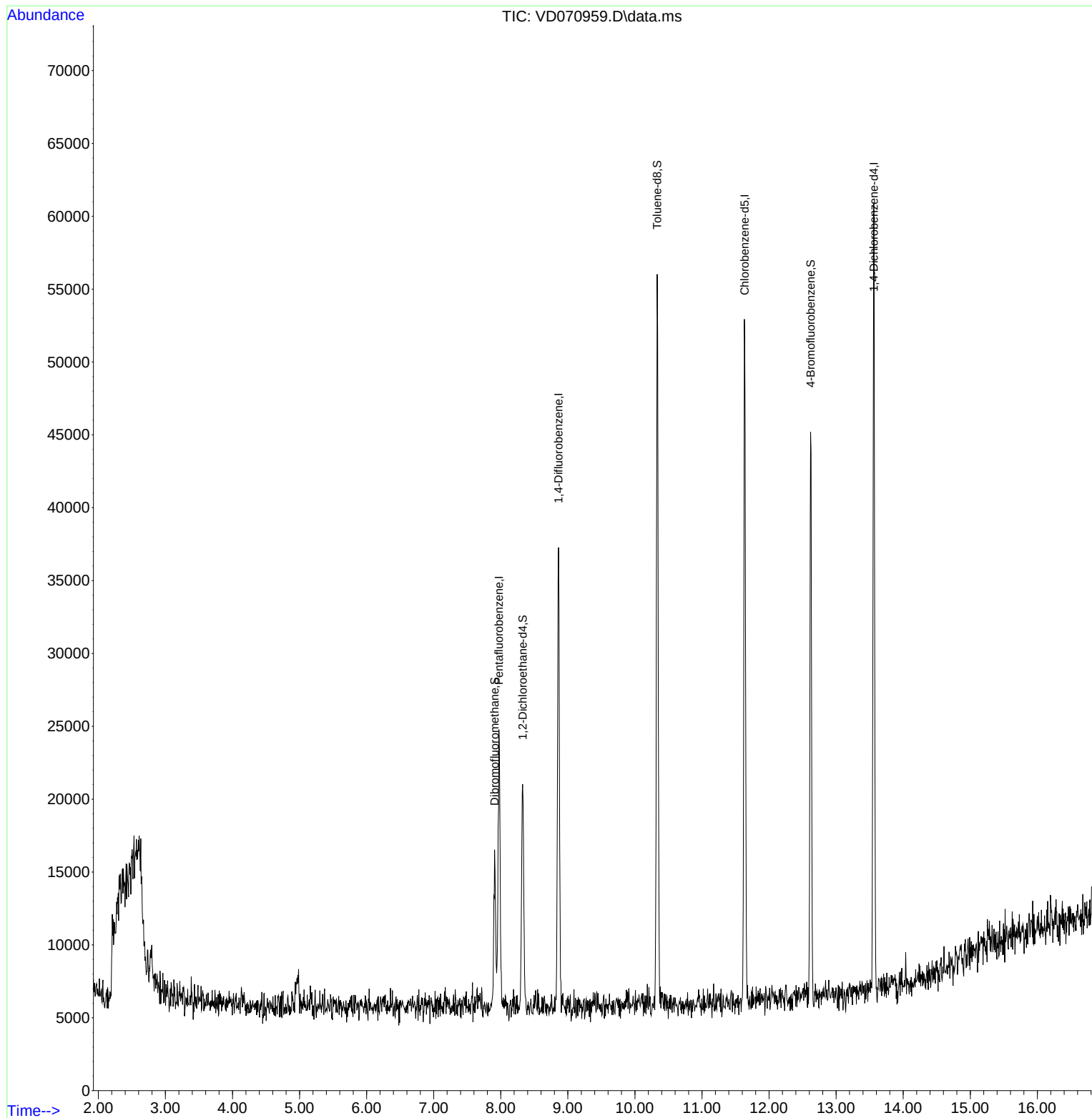
Target Compounds	Qvalue

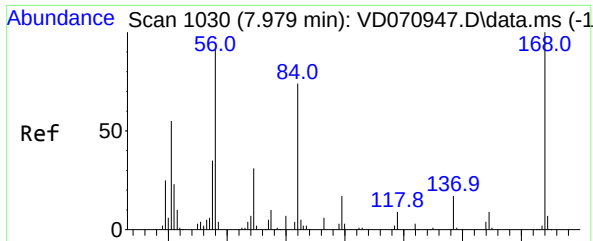
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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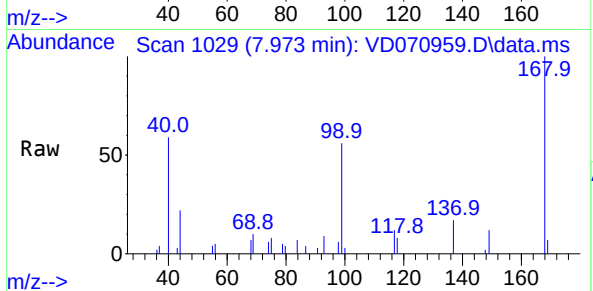
Quant Time: Nov 10 03:58:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
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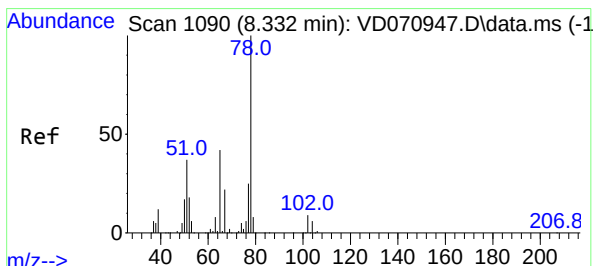
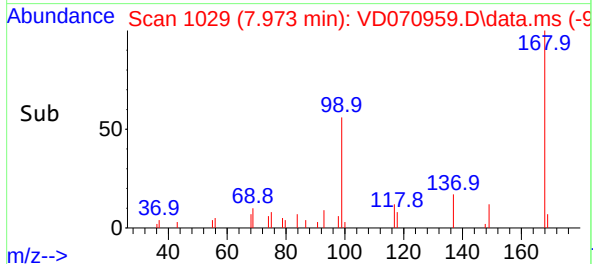
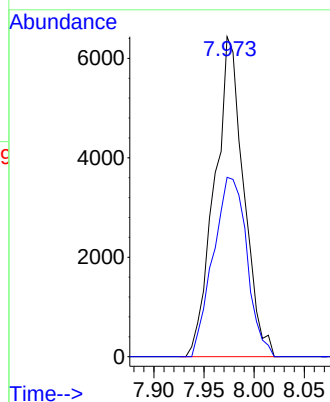


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

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MSVOA_D
ClientSampleId :
TP-4

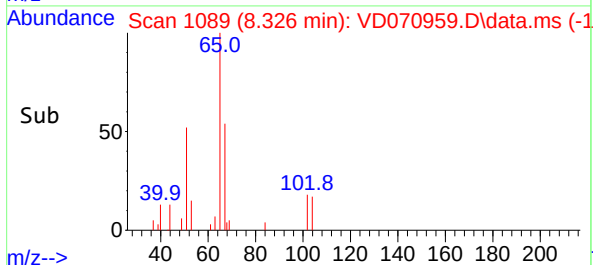
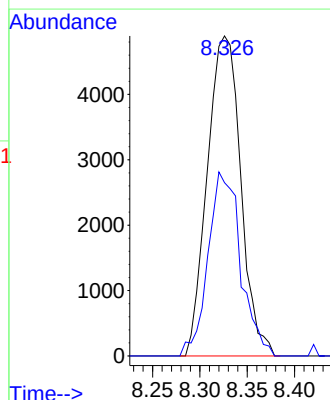
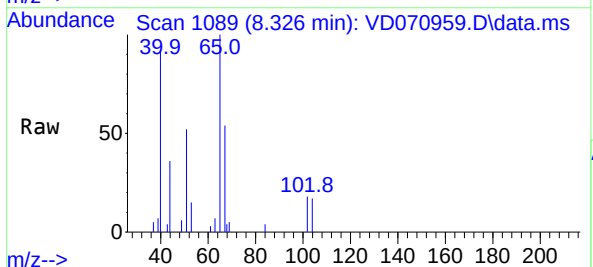


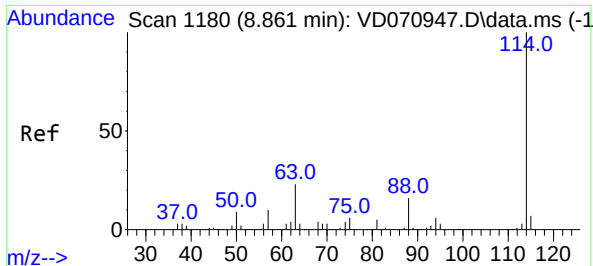
Tgt Ion:168 Resp: 12968
Ion Ratio Lower Upper
168 100
99 56.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 87.216 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

Tgt Ion: 65 Resp: 12042
Ion Ratio Lower Upper
65 100
67 55.7 0.0 112.2

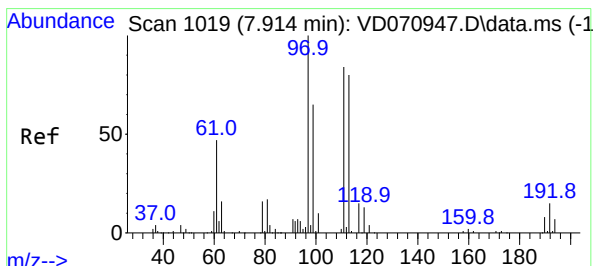
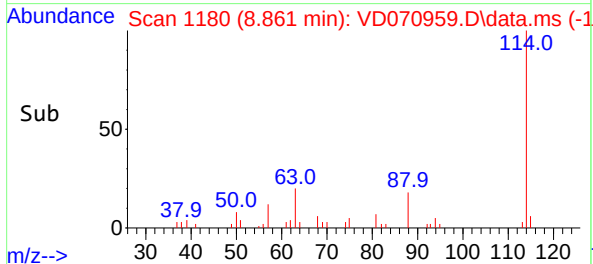
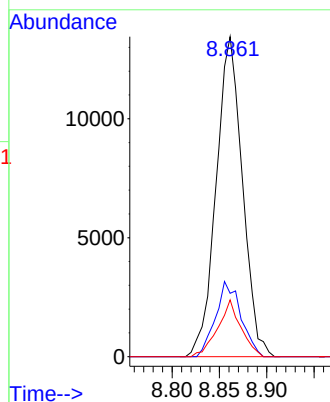
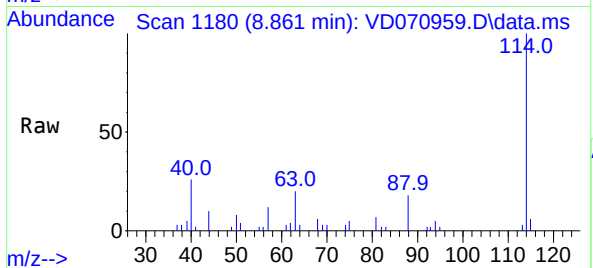




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

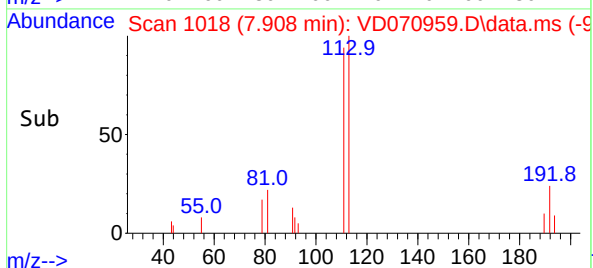
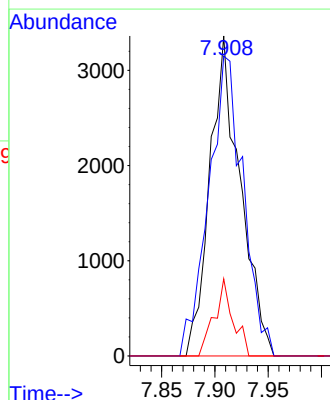
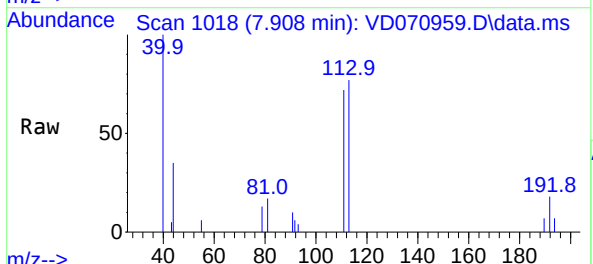
Instrument :
MSVOA_D
ClientSampleId :
TP-4

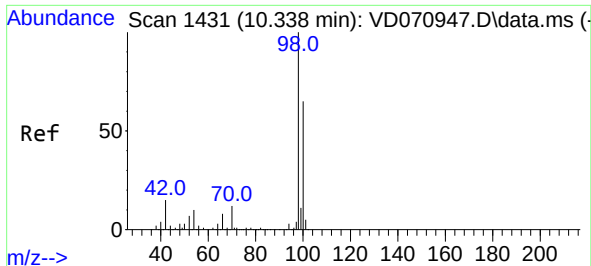
Tgt Ion:114 Resp: 25974
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.570 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

Tgt Ion:113 Resp: 6679
Ion Ratio Lower Upper
113 100
111 105.9 82.0 123.0
192 14.8 15.2 22.8#

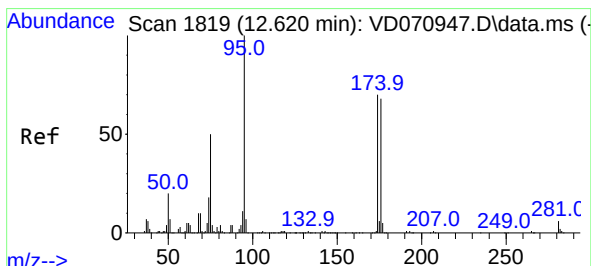
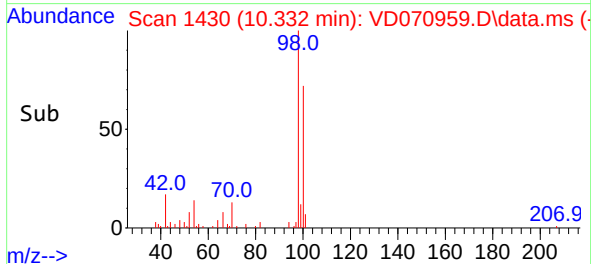
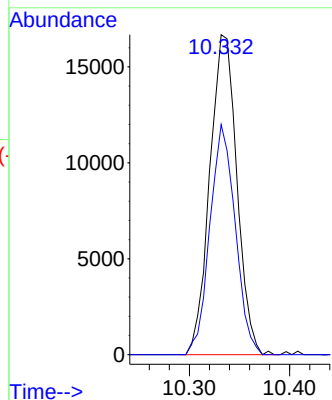
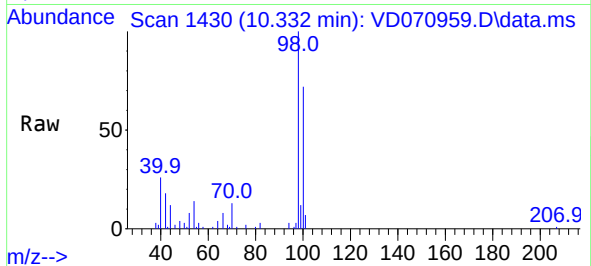




#50
Toluene-d8
Concen: 54.609 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

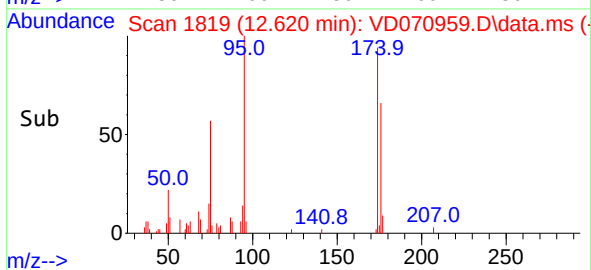
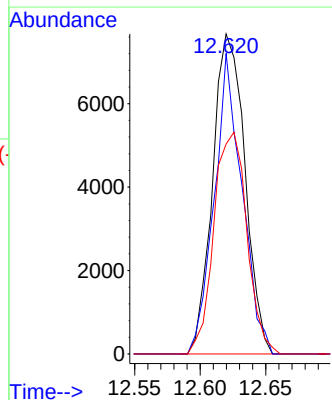
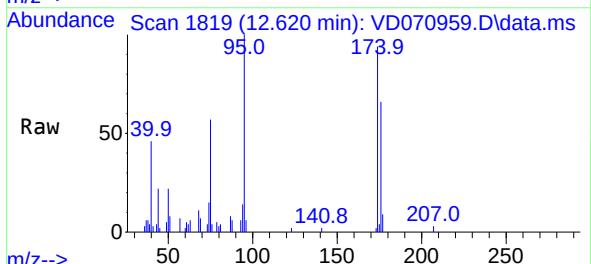
Instrument :
MSVOA_D
ClientSampleId :
TP-4

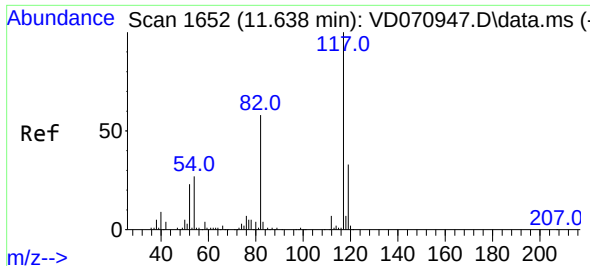
Tgt Ion: 98 Resp: 31345
Ion Ratio Lower Upper
98 100
100 67.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.463 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

Tgt Ion: 95 Resp: 13116
Ion Ratio Lower Upper
95 100
174 81.0 0.0 159.4
176 70.9 0.0 154.0

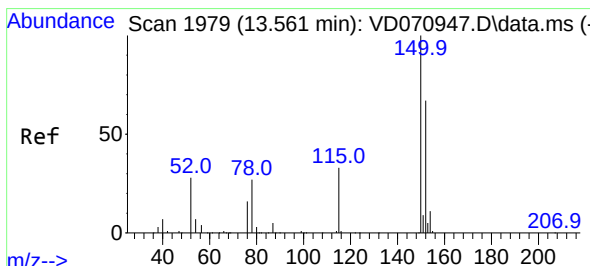
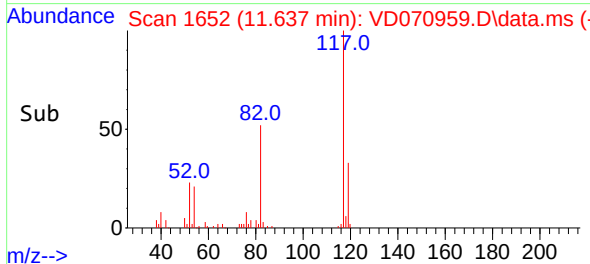
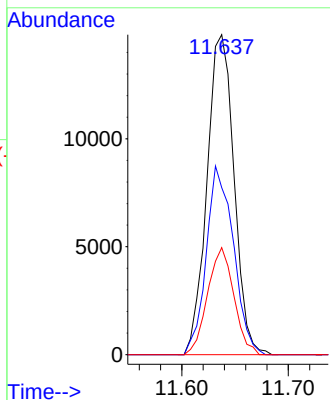
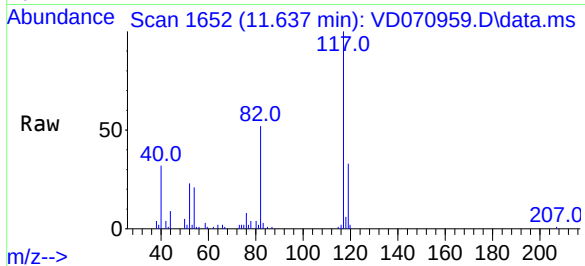




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tgt Ion:	117	Resp:	26238
Ion	Ratio	Lower	Upper
117	100		
82	52.2	44.7	67.1
119	33.4	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070959.D
Acq: 09 Nov 2021 19:38

Tgt Ion:	152	Resp:	13350
Ion	Ratio	Lower	Upper
152	100		
115	66.3	29.8	89.3
150	148.8	0.0	349.2

