

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069714.D
 Acq On : 15 Jul 2021 18:30
 Operator : VA/SY
 Sample : M3031-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-071421

Quant Time: Jul 16 02:04:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	73445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	141792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	178176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	84244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	72227	78.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.520%
35) Dibromofluoromethane	7.914	113	44439	46.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.338	98	185862	50.292	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.626	95	78404	63.612	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.220%

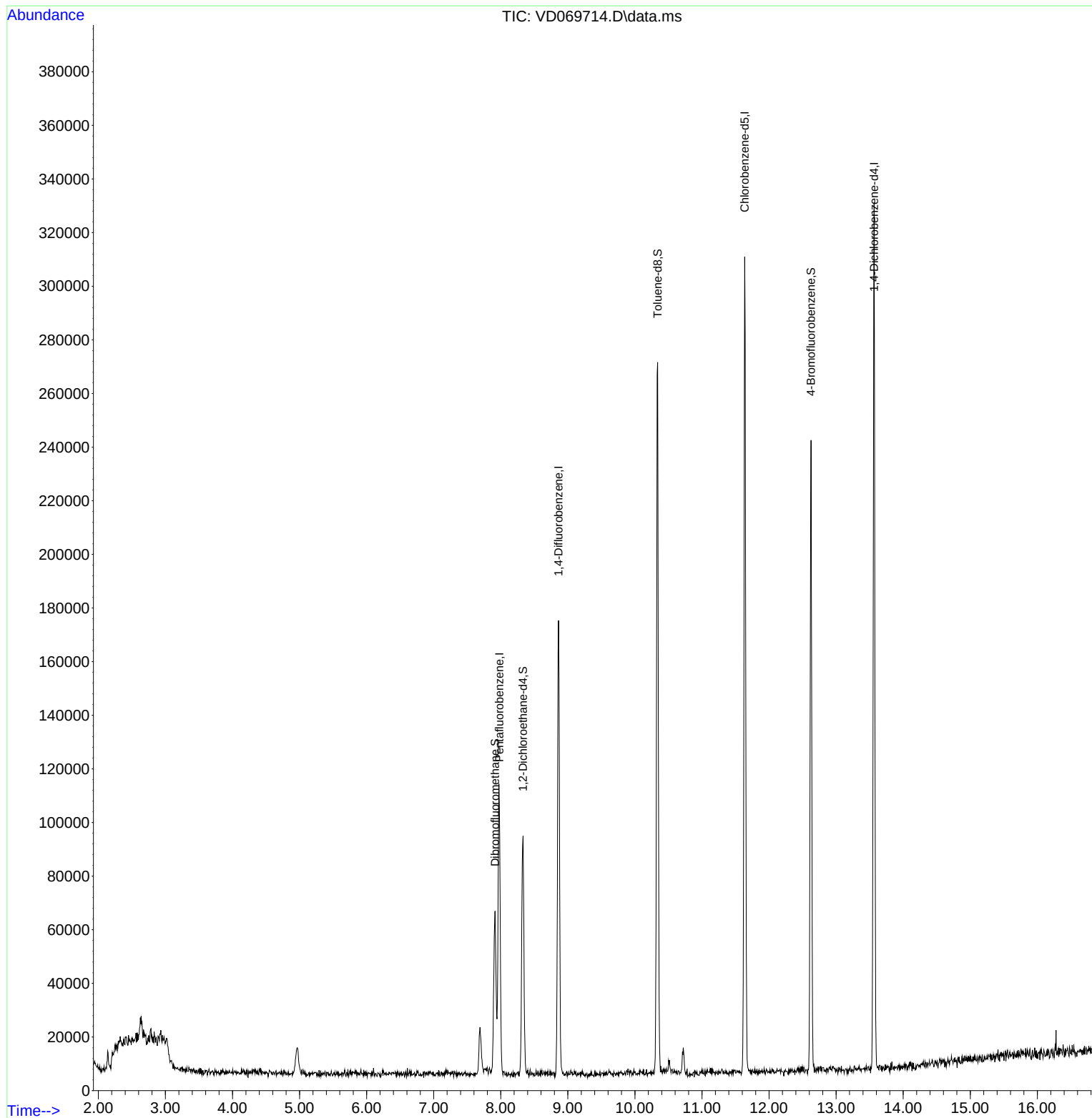
Target Compounds	Qvalue

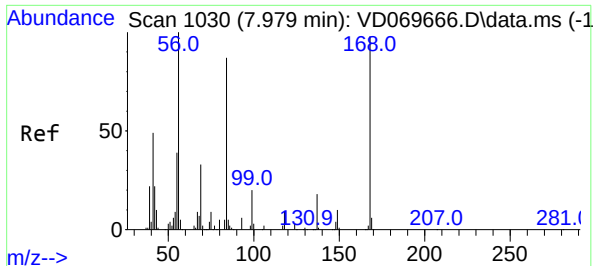
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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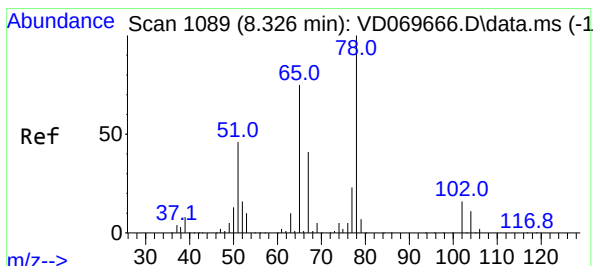
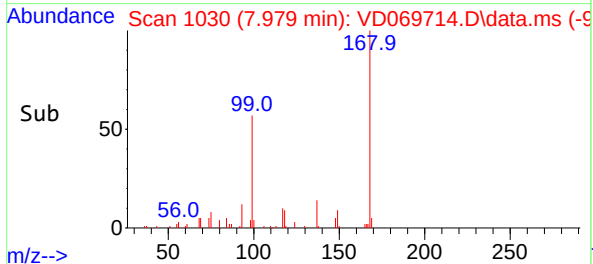
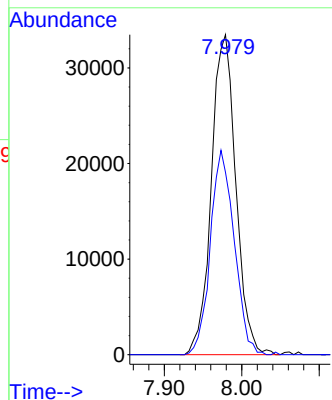
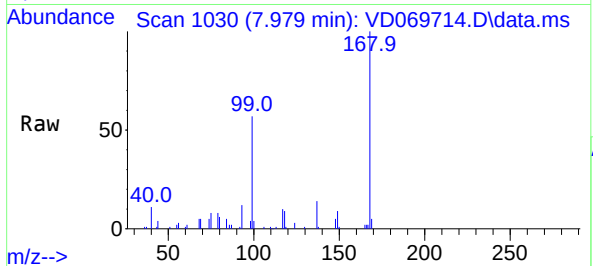




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

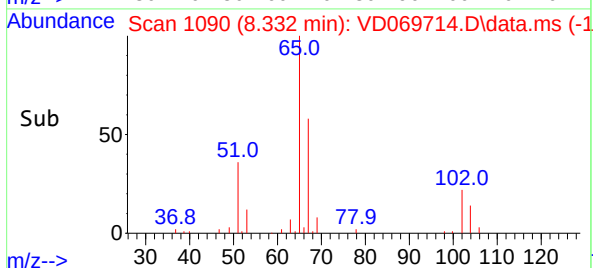
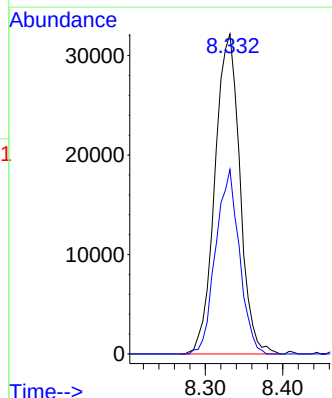
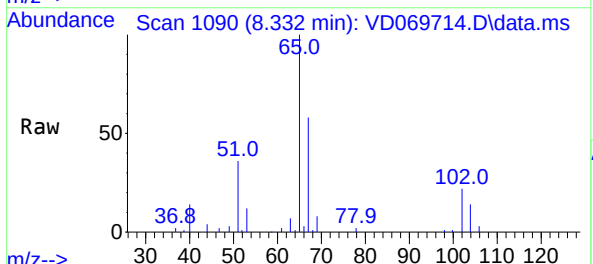
Instrument :
MSVOA_D
ClientSampleId :
HR-03-071421

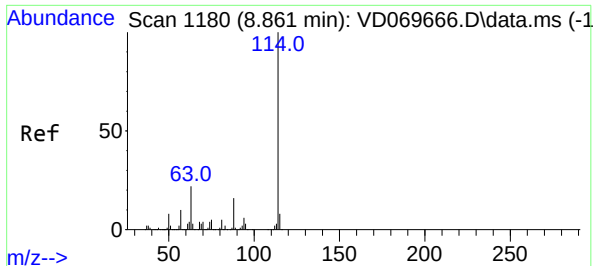
Tgt Ion:168 Resp: 73445
Ion Ratio Lower Upper
168 100
99 57.0 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 78.760 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

Tgt Ion: 65 Resp: 72227
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.2

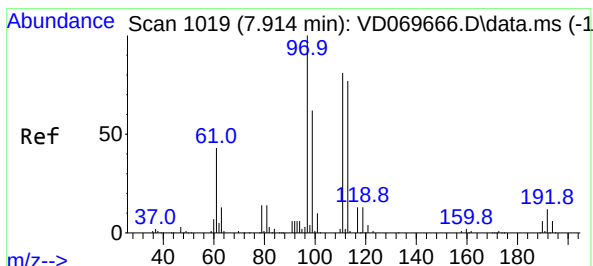
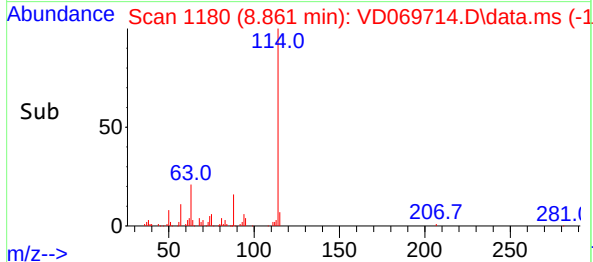
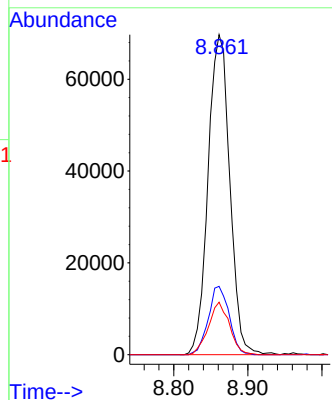
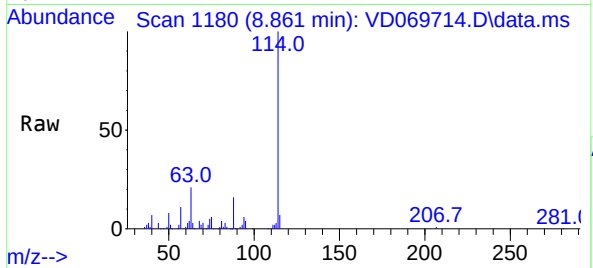




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

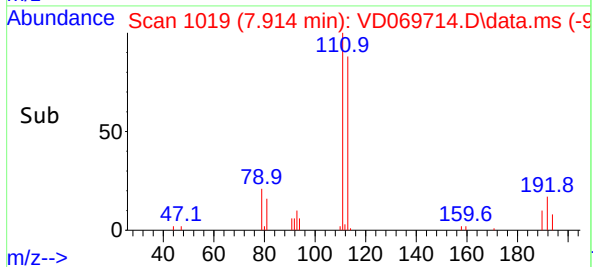
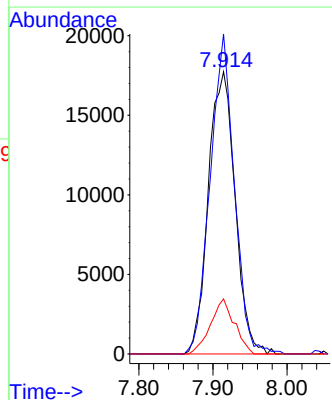
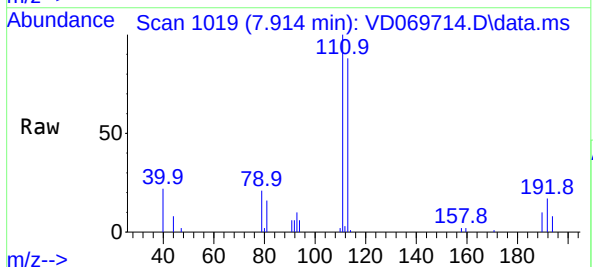
Instrument :
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HR-03-071421

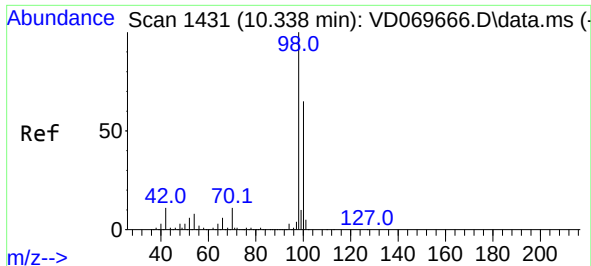
Tgt Ion:	114	Resp:	141792
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.4
88	16.4	0.0	32.0



#35
Dibromofluoromethane
Concen: 46.716 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

Tgt Ion:	113	Resp:	44439
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	17.5	12.7	19.1

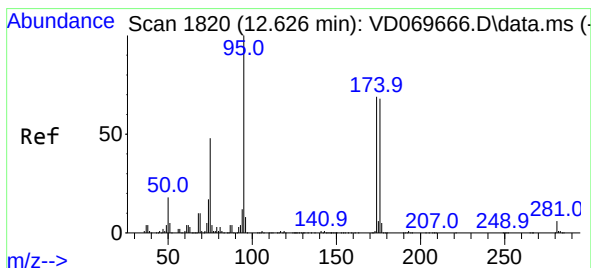
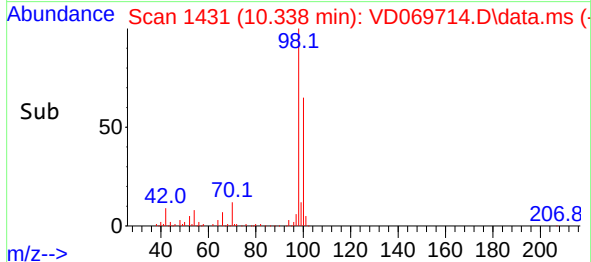
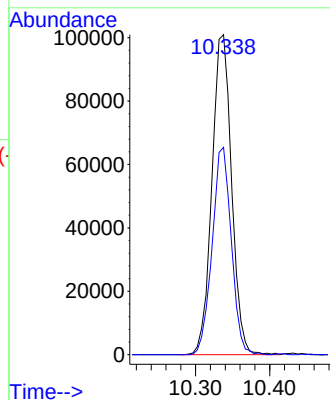
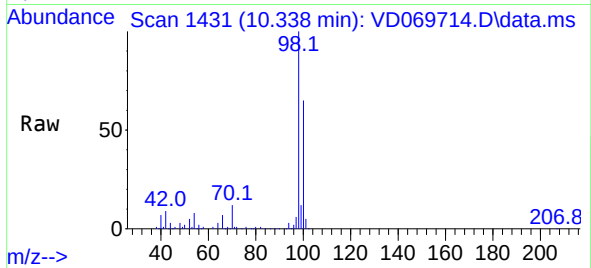




#50
Toluene-d8
Concen: 50.292 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

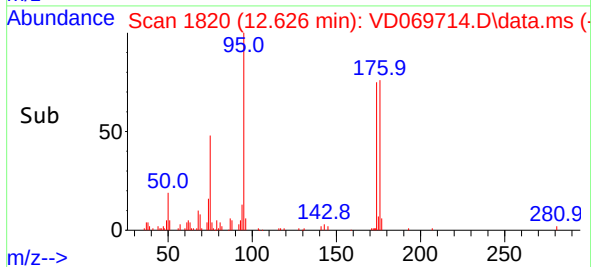
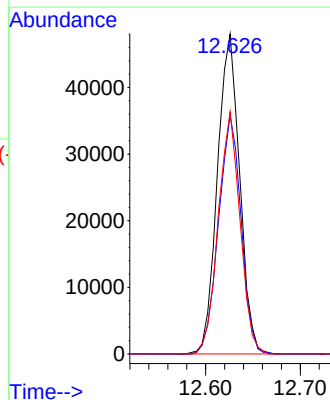
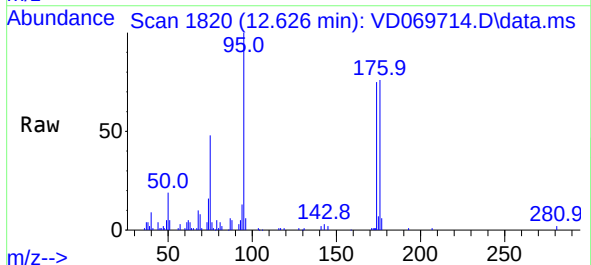
Instrument :
MSVOA_D
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HR-03-071421

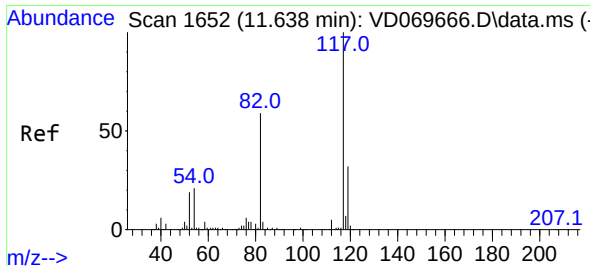
Tgt Ion: 98 Resp: 185862
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 63.612 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

Tgt Ion: 95 Resp: 78404
Ion Ratio Lower Upper
95 100
174 75.3 0.0 140.0
176 73.9 0.0 136.2

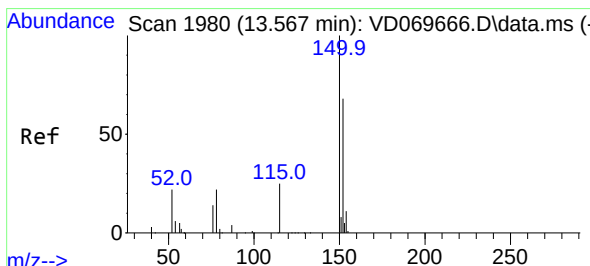
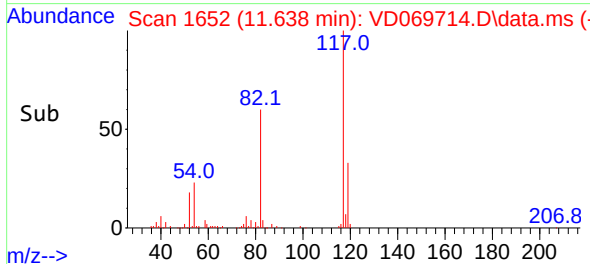
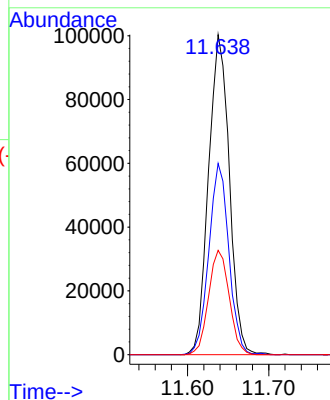
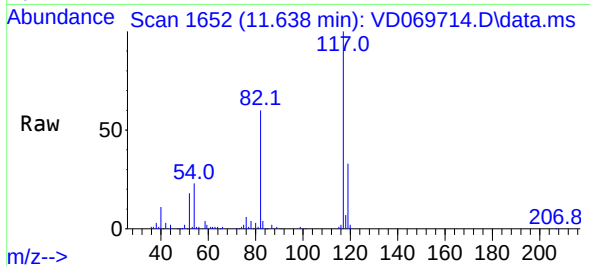




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
HR-03-071421

Tgt Ion:	117	Resp:	178176
Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069714.D
Acq: 15 Jul 2021 18:30

Tgt Ion:	152	Resp:	84244
Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.7	95.1
150	157.7	0.0	350.4

