

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070888.D
 Acq On : 28 Oct 2021 13:04
 Operator : VA/SY
 Sample : M4368-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-102621

Quant Time: Oct 29 05:23:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	20662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	29535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	33333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	12877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12492	60.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.220%
35) Dibromofluoromethane	7.908	113	9322	47.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.740%
50) Toluene-d8	10.332	98	34590	47.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.620	95	12513	51.764	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.520%

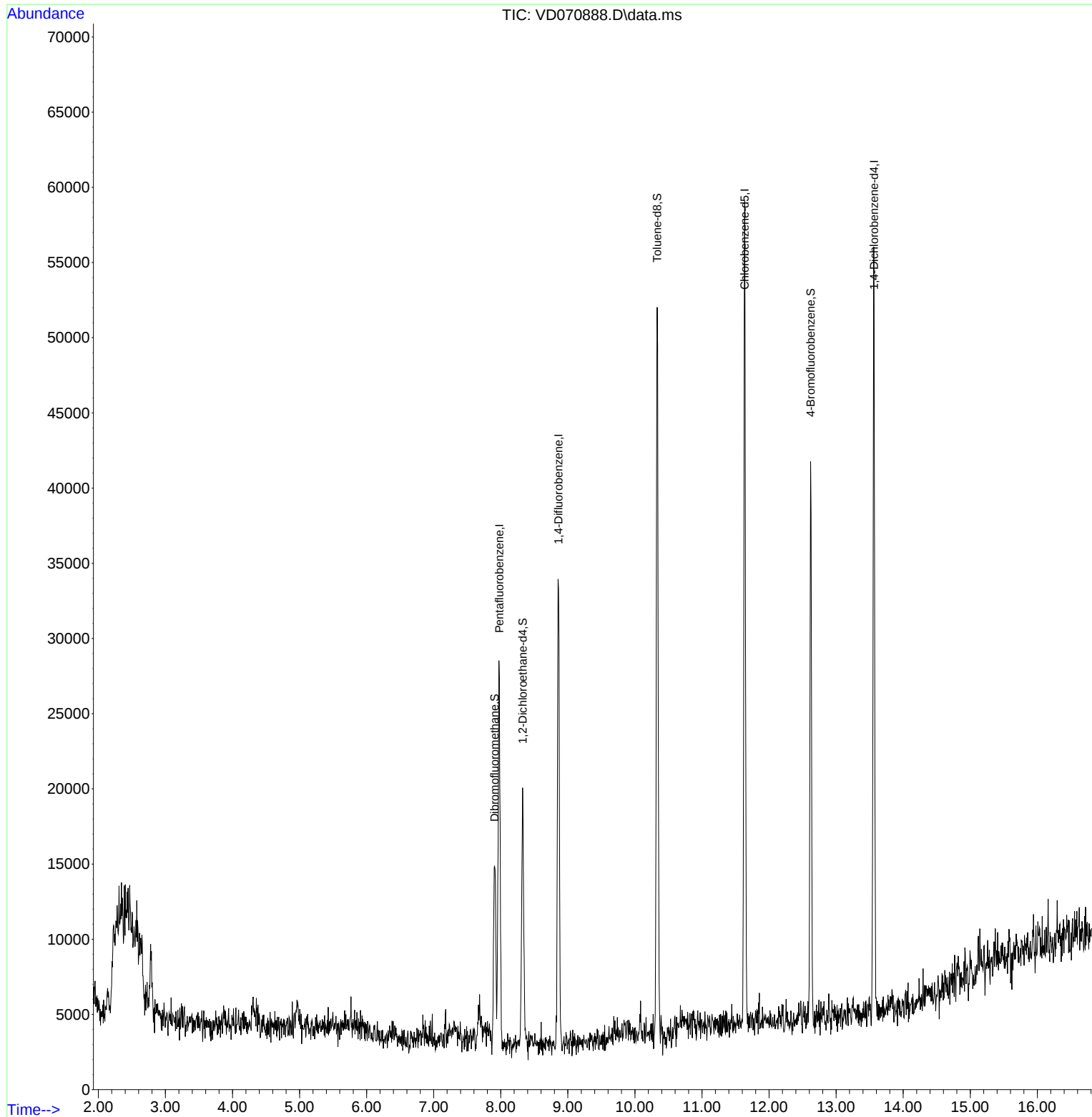
Target Compounds	Qvalue

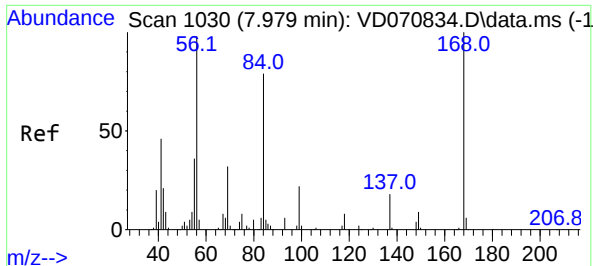
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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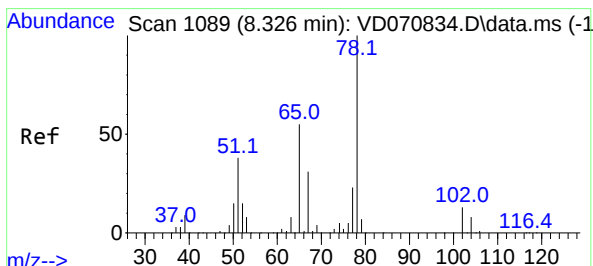
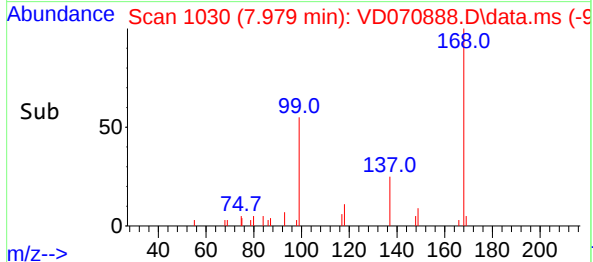
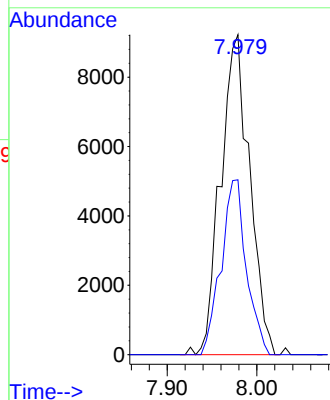
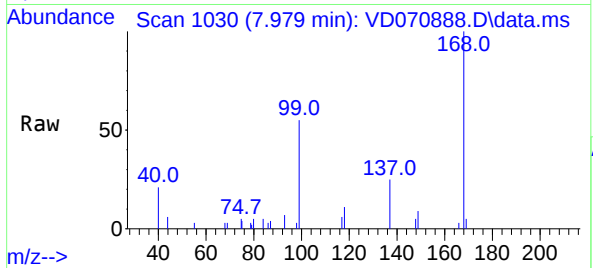




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

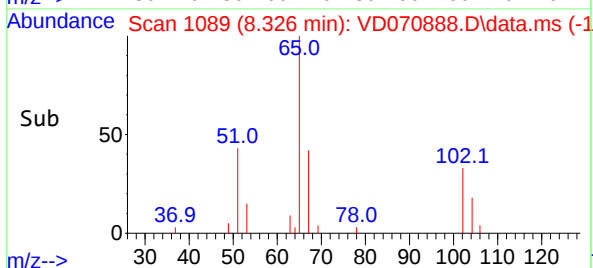
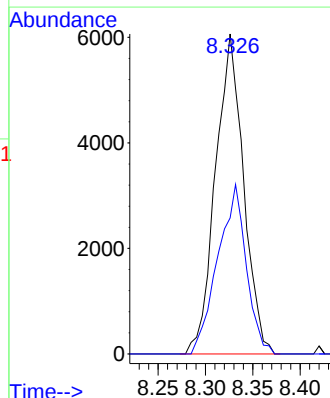
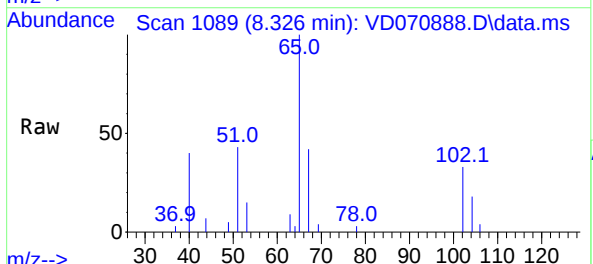
Instrument :
MSVOA_D
ClientSampleId :
HD-02-102621

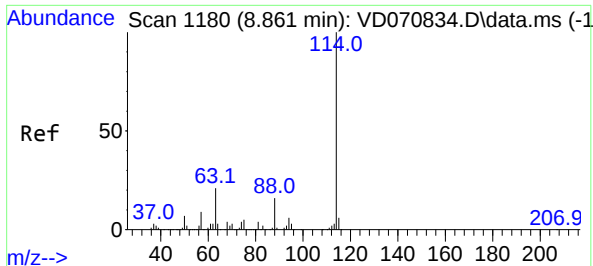
Tgt Ion:168 Resp: 20662
Ion Ratio Lower Upper
168 100
99 54.7 46.6 69.8



1,2-Dichloroethane-d4
Concen: 60.113 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

Tgt Ion: 65 Resp: 12492
Ion Ratio Lower Upper
65 100
67 53.7 0.0 112.2



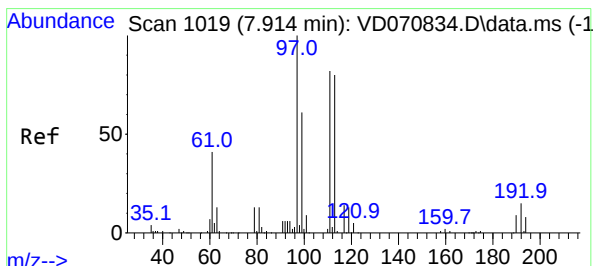
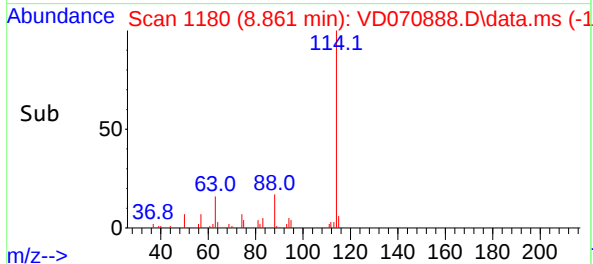
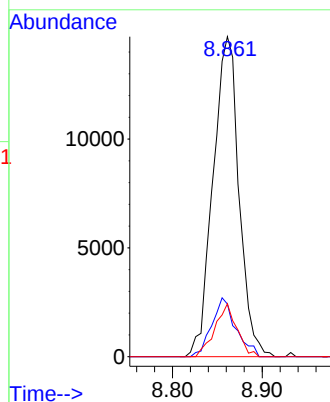
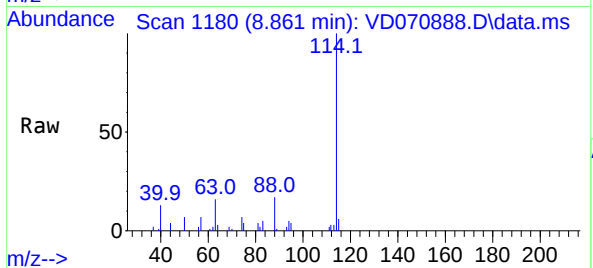


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

Instrument :
MSVOA_D
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HD-02-102621

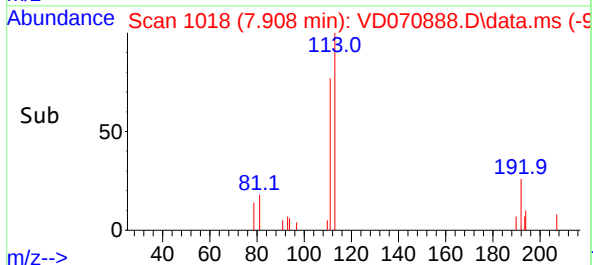
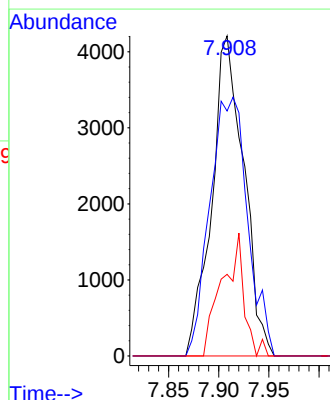
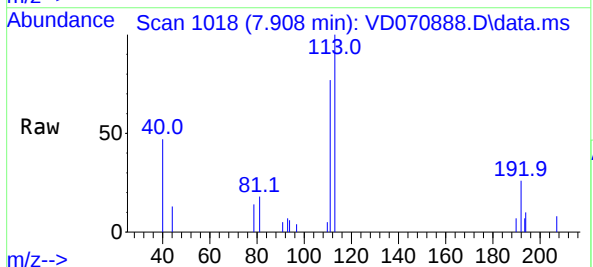
Tgt Ion:	114	Resp:	29535
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	41.8
88	16.6	0.0	32.8

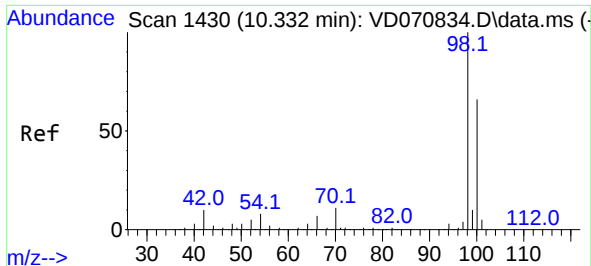


#35

Dibromofluoromethane
Concen: 47.869 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

Tgt Ion:	113	Resp:	9322
Ion	Ratio	Lower	Upper
113	100		
111	95.6	82.0	123.0
192	26.6	15.2	22.8

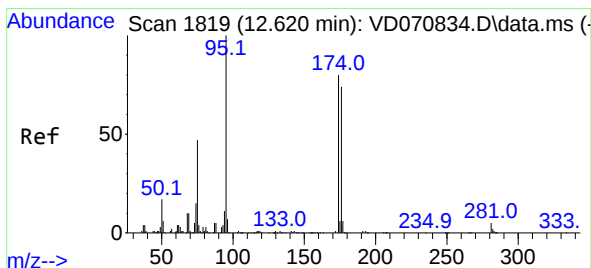
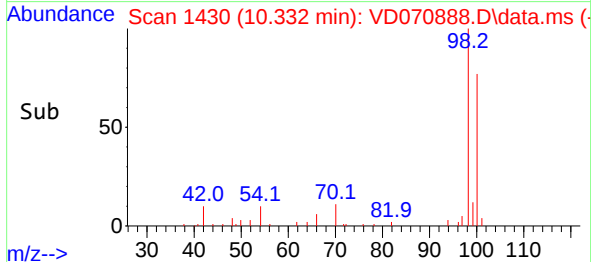
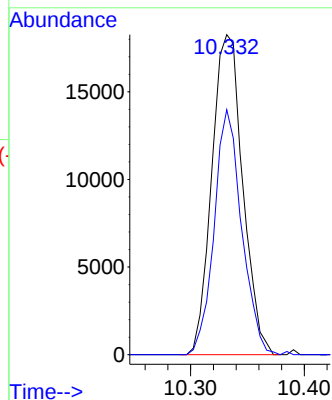
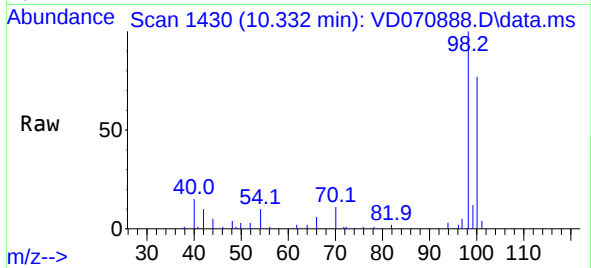




#50
Toluene-d8
Concen: 47.213 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

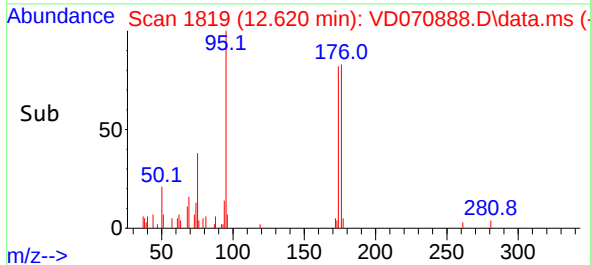
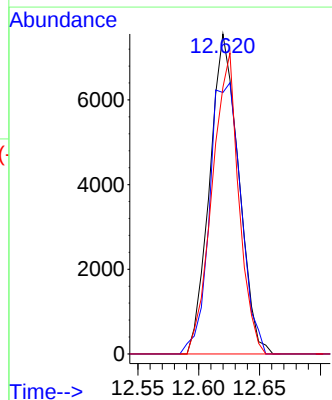
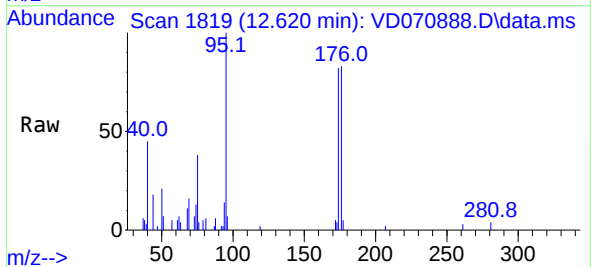
Instrument :
MSVOA_D
ClientSampleId :
HD-02-102621

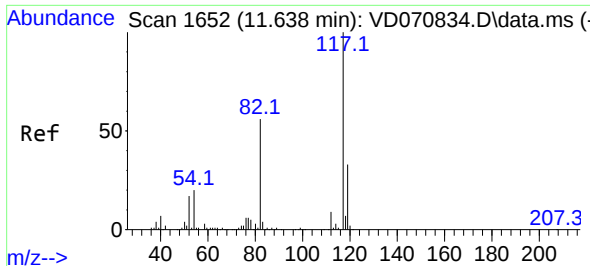
Tgt Ion: 98 Resp: 34590
Ion Ratio Lower Upper
98 100
100 68.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.764 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

Tgt Ion: 95 Resp: 12513
Ion Ratio Lower Upper
95 100
174 91.8 0.0 159.4
176 86.3 0.0 154.0

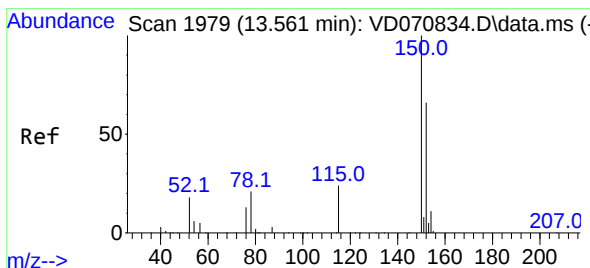
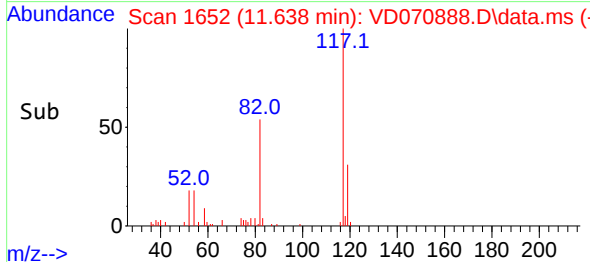
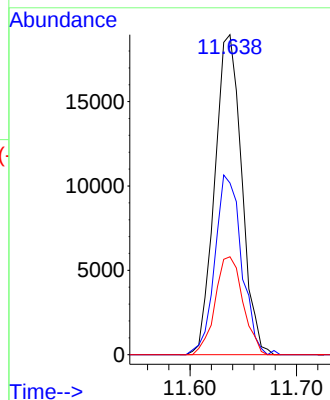
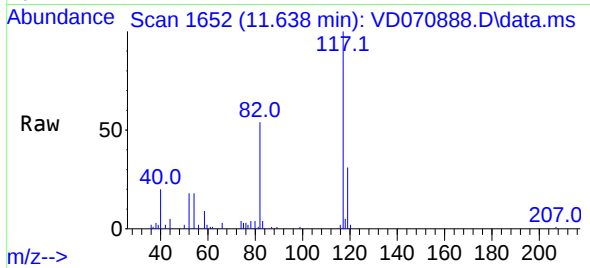




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :
HD-02-102621

Tgt Ion:	117	Resp:	33333
Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.7	67.1
119	30.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070888.D
Acq: 28 Oct 2021 13:04

Tgt Ion:	152	Resp:	12877
Ion	Ratio	Lower	Upper
152	100		
115	67.5	29.8	89.3
150	179.0	0.0	349.2

