

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070868.D
 Acq On : 27 Oct 2021 17:13
 Operator : VA/SY
 Sample : M4358-07
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TH-GS

Quant Time: Oct 28 03:58:02 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	31102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	49066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	53614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	23775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	27313	87.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	174.640%#
35) Dibromofluoromethane	7.914	113	19251	59.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.020%
50) Toluene-d8	10.332	98	59311	48.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.620	95	21211	52.818	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.640%

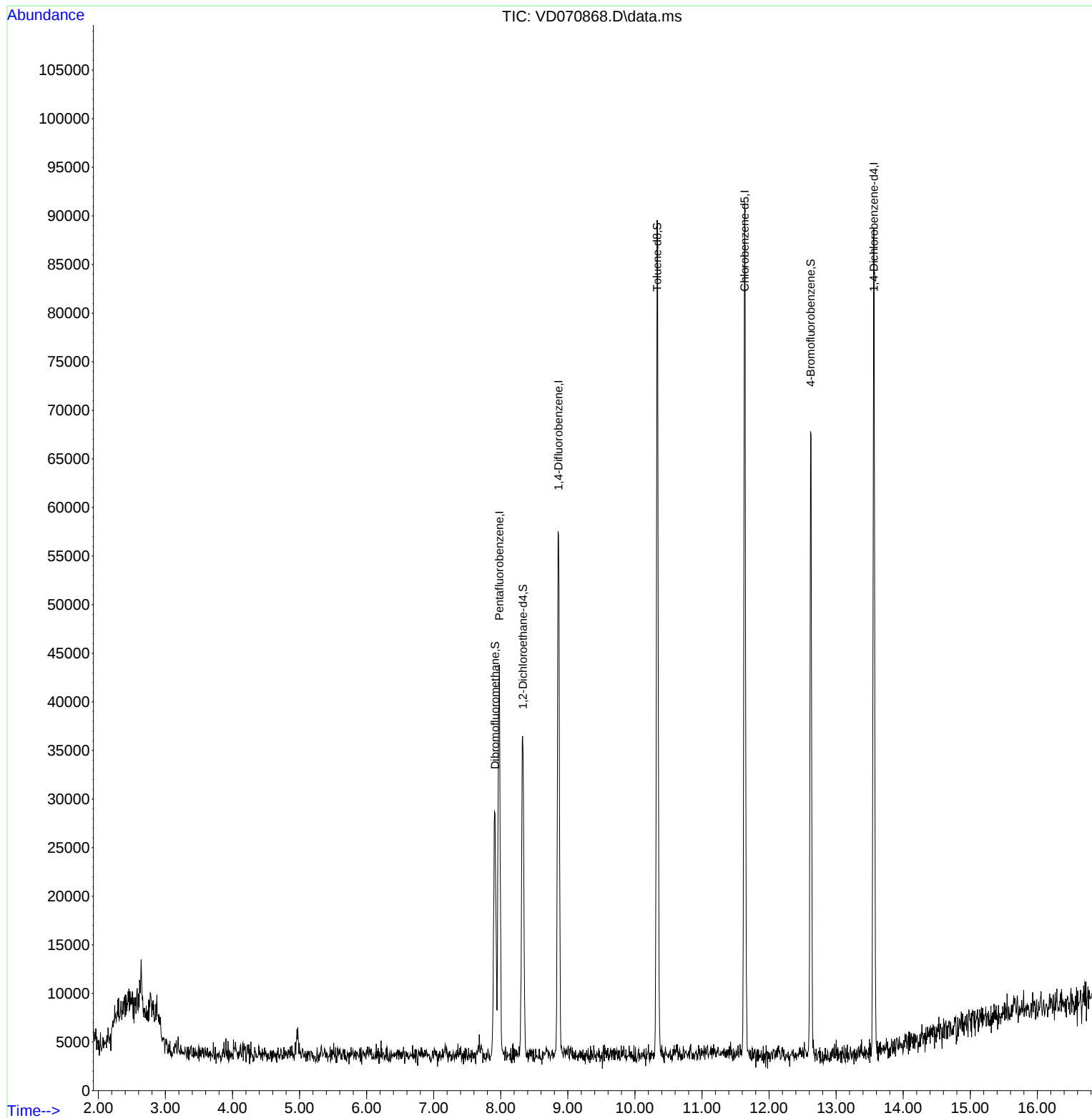
Target Compounds	Qvalue

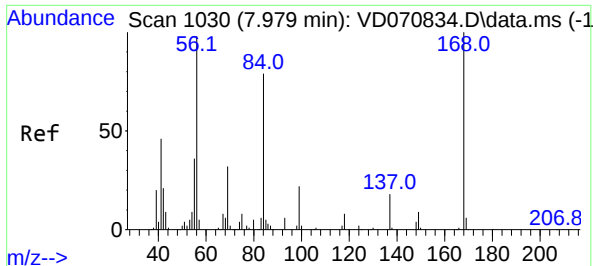
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampleId :
TH-CS

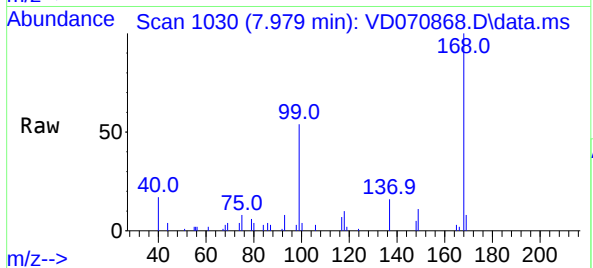
Quant Time: Oct 28 03:58:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
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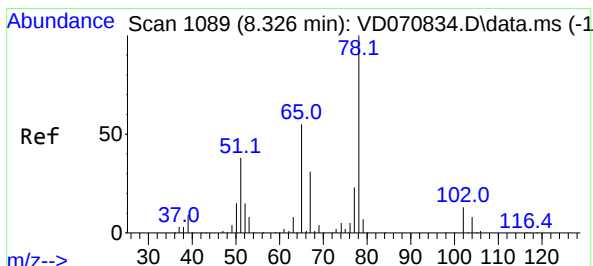
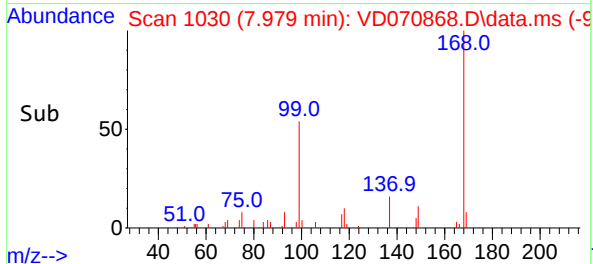
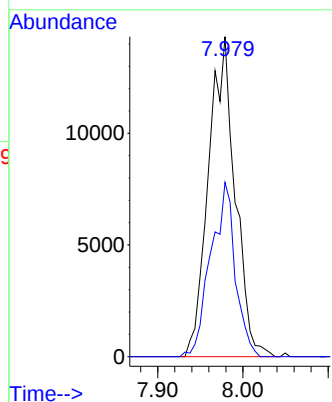


Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD070868.D
 Acq: 27 Oct 2021 17:13

Instrument :
 MSVOA_D
 ClientSampled :
 TH-GS

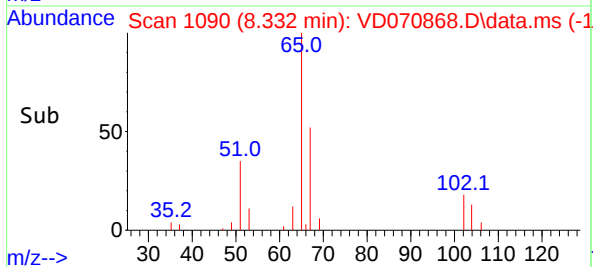
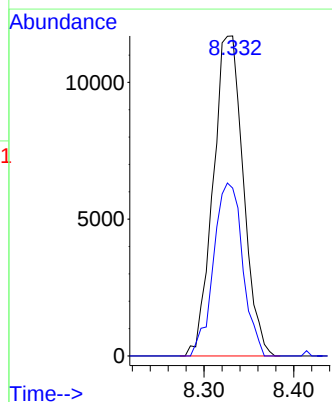
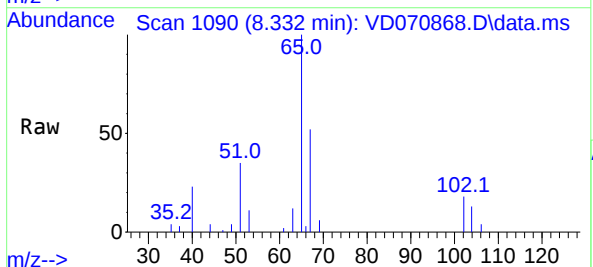


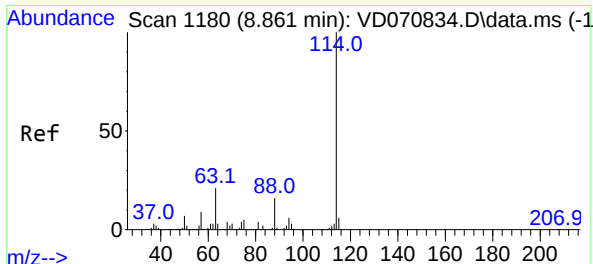
Tgt Ion:168 Resp: 31102
 Ion Ratio Lower Upper
 168 100
 99 54.5 46.6 69.8



1,2-Dichloroethane-d4
 Concen: 87.315 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: VD070868.D
 Acq: 27 Oct 2021 17:13

Tgt Ion: 65 Resp: 27313
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 112.2



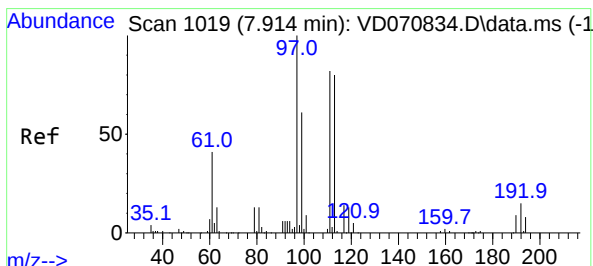
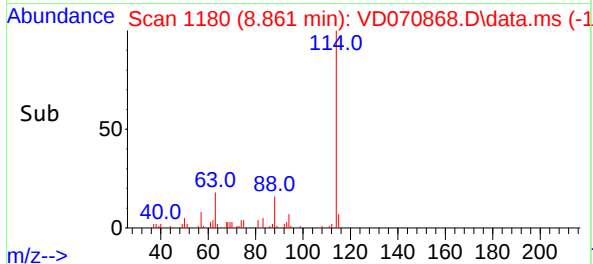
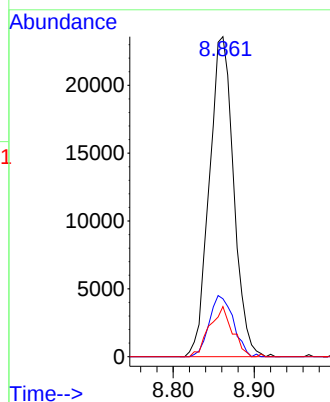
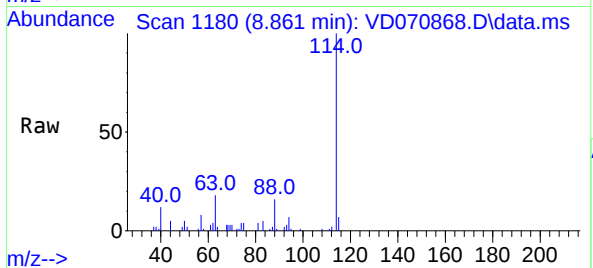


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070868.D
Acq: 27 Oct 2021 17:13

Instrument :
MSVOA_D
ClientSampled :
TH-GS

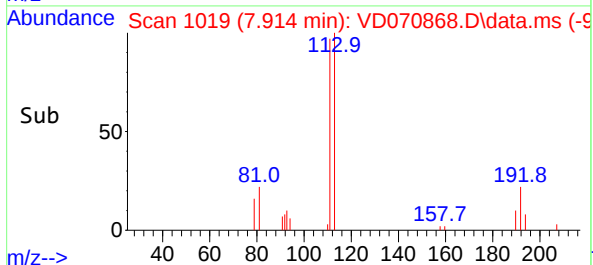
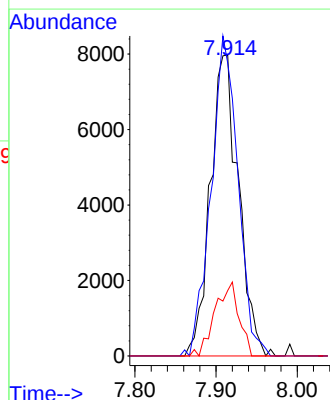
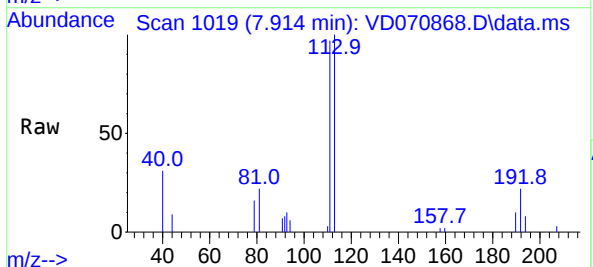
Tgt Ion:	114	Resp:	49066
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	41.8
88	15.7	0.0	32.8

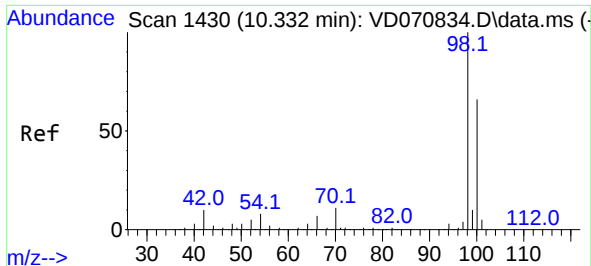


#35

Dibromofluoromethane
Concen: 59.506 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070868.D
Acq: 27 Oct 2021 17:13

Tgt Ion:	113	Resp:	19251
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	20.8	15.2	22.8

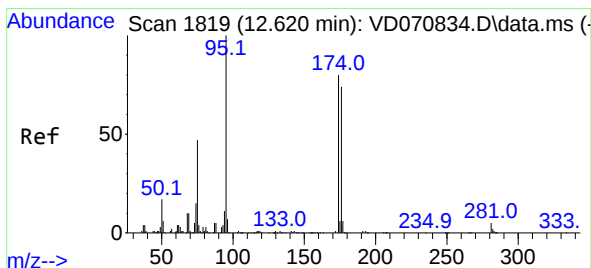
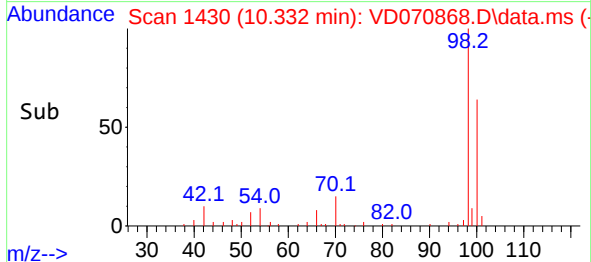
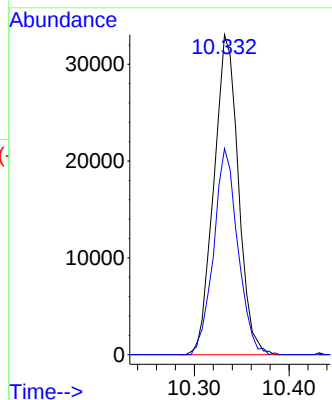
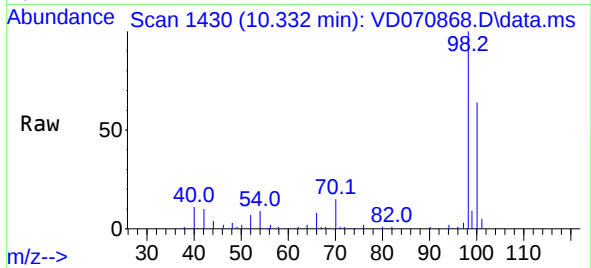




#50
Toluene-d8
Concen: 48.731 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070868.D
Acq: 27 Oct 2021 17:13

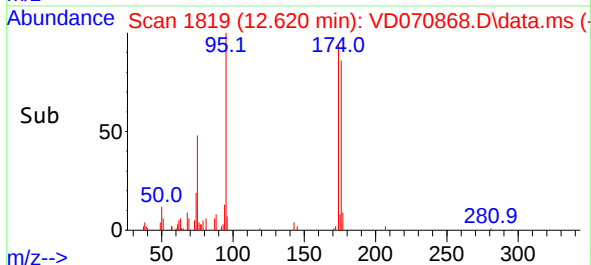
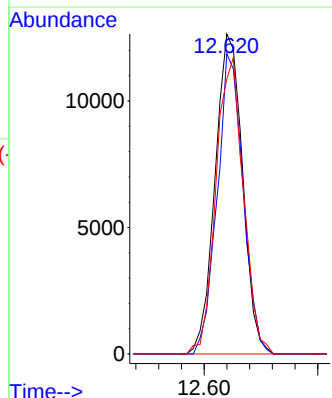
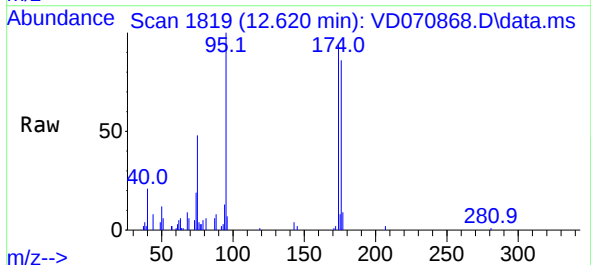
Instrument :
MSVOA_D
ClientSampled :
TH-GS

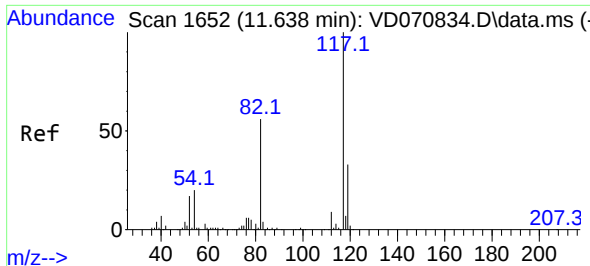
Tgt Ion: 98 Resp: 59311
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.818 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070868.D
Acq: 27 Oct 2021 17:13

Tgt Ion: 95 Resp: 21211
Ion Ratio Lower Upper
95 100
174 88.4 0.0 159.4
176 92.2 0.0 154.0

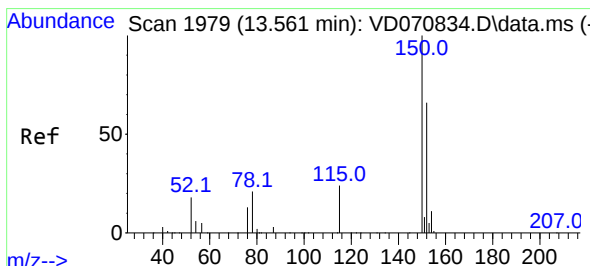
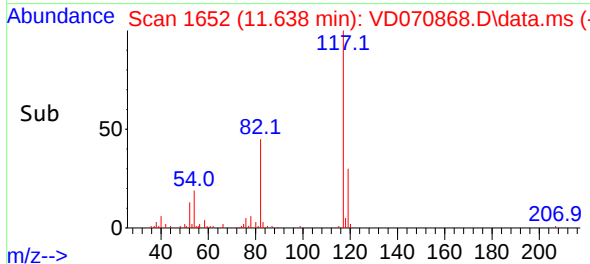
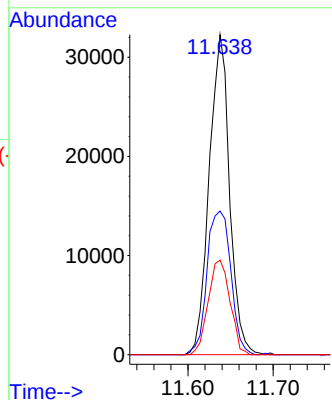
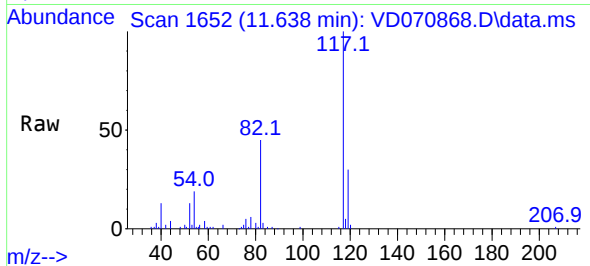




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070868.D
Acq: 27 Oct 2021 17:13

Instrument :
MSVOA_D
ClientSampled :
TH-GS

Tgt Ion:	117	Resp:	53614
Ion	Ratio	Lower	Upper
117	100		
82	44.9	44.7	67.1
119	29.6	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: VD070868.D
Acq: 27 Oct 2021 17:13

Tgt Ion:	152	Resp:	23775
Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	169.1	0.0	349.2

