

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068230.D
 Acq On : 28 Jan 2021 18:23
 Operator : VA/SY
 Sample : M1271-04
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR-200035

Quant Time: Jan 29 00:11:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	462706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	813539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	704616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	283254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	247435	55.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.80%
35) Dibromofluoromethane	7.920	113	240056	53.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.74%
50) Toluene-d8	10.344	98	994192	55.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.52%
62) 4-Bromofluorobenzene	12.632	95	302605	46.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.42%

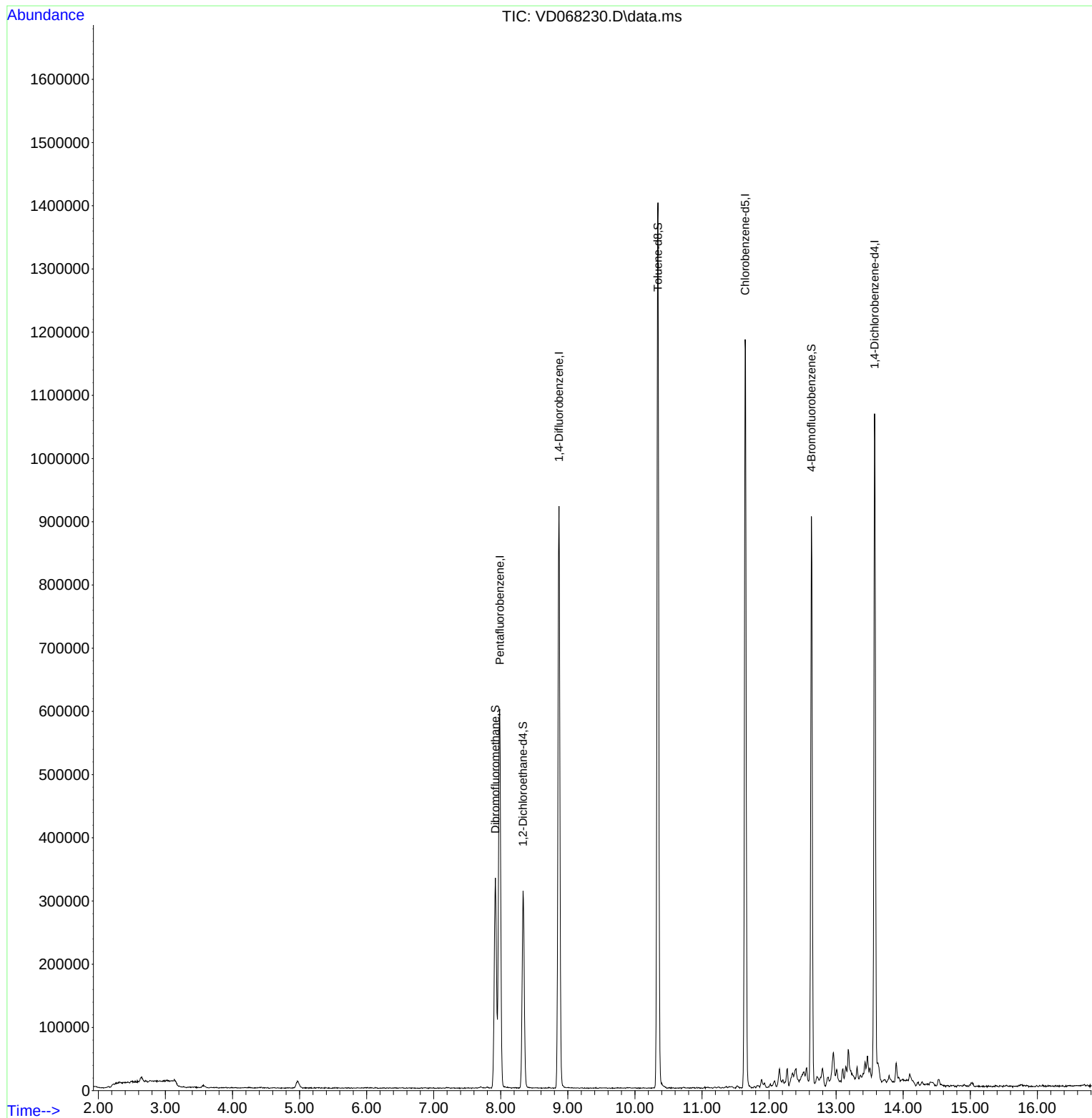
Target Compounds	Qvalue
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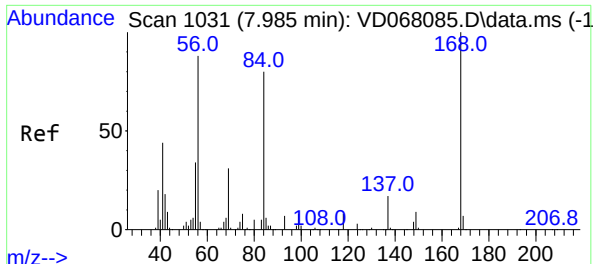
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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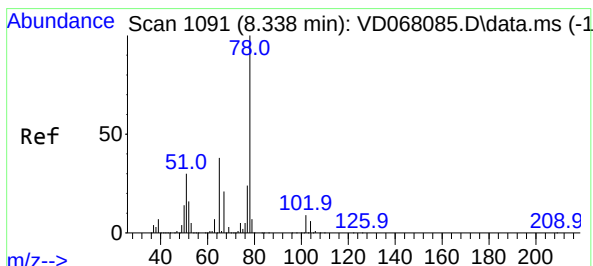
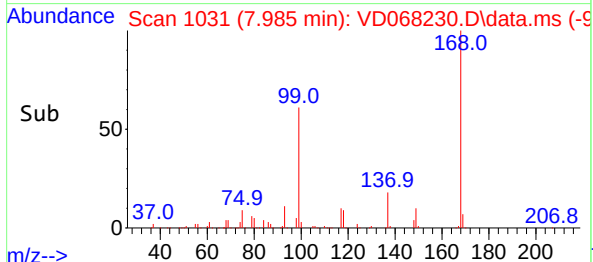
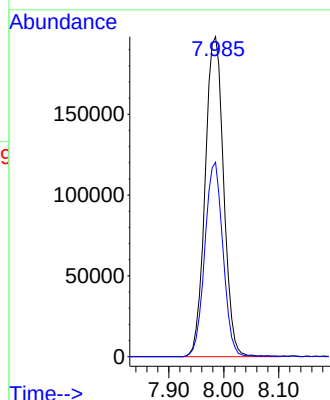
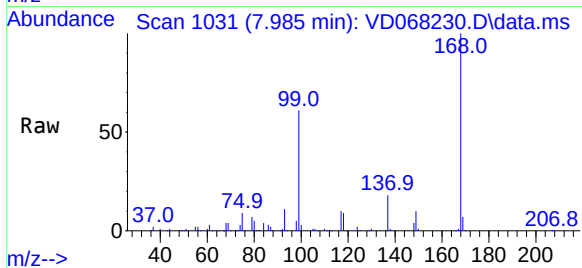




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

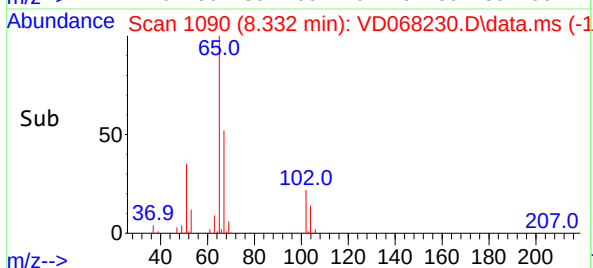
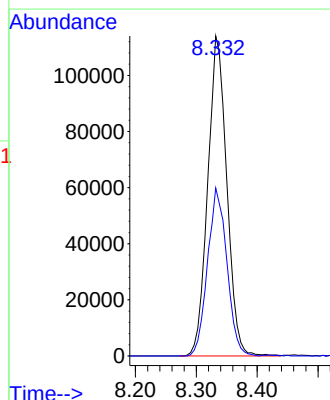
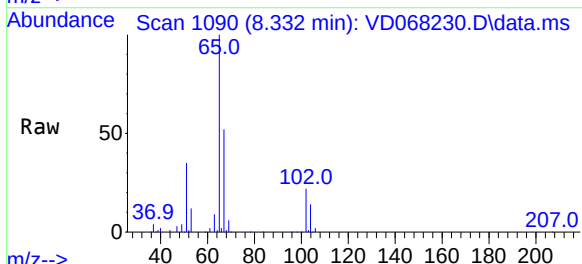
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

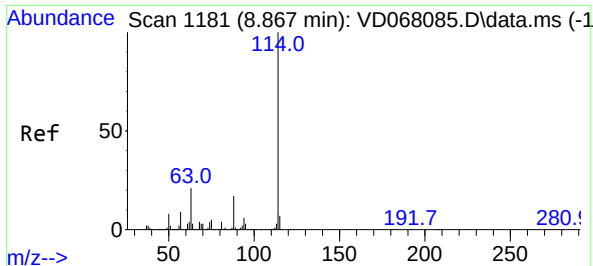
Tgt Ion:168 Resp: 462706
Ion Ratio Lower Upper
168 100
99 60.7 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 55.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion: 65 Resp: 247435
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



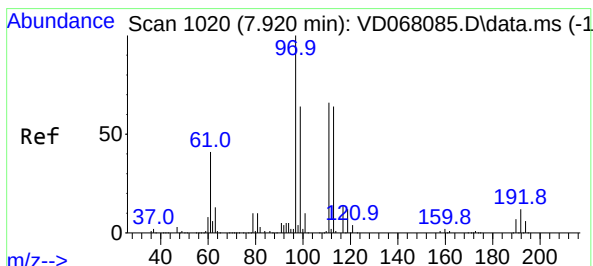
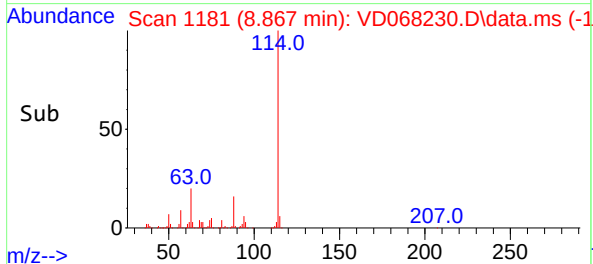
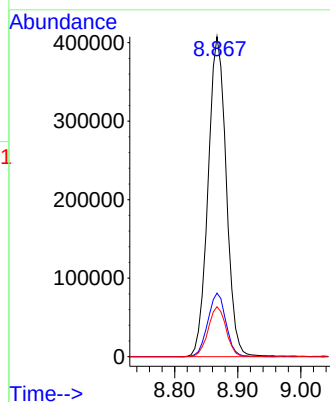
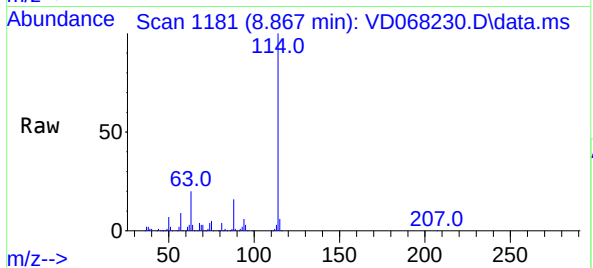


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

Tgt Ion:114 Resp: 813539

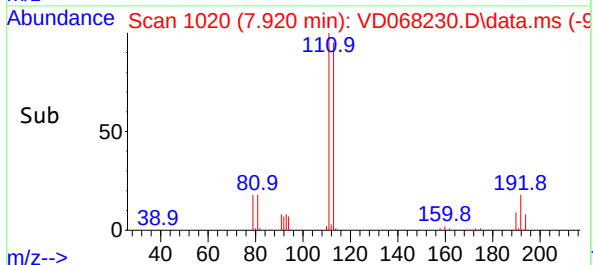
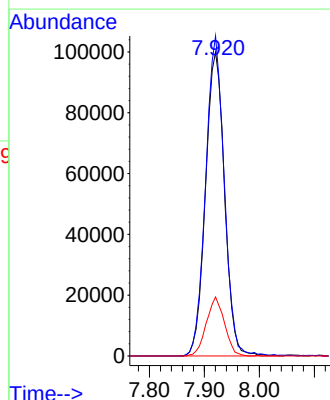
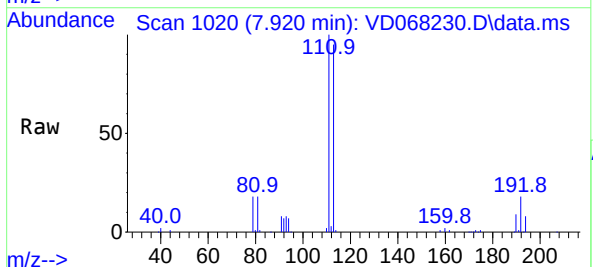
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	34.8
88	15.6	0.0	31.6

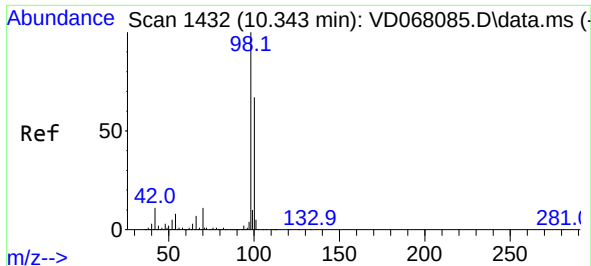


#35
Dibromofluoromethane
Concen: 53.37 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion:113 Resp: 240056

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	18.5	16.1	24.1

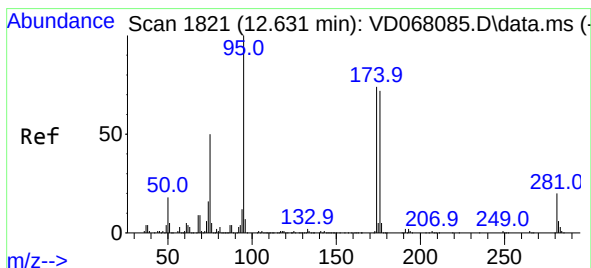
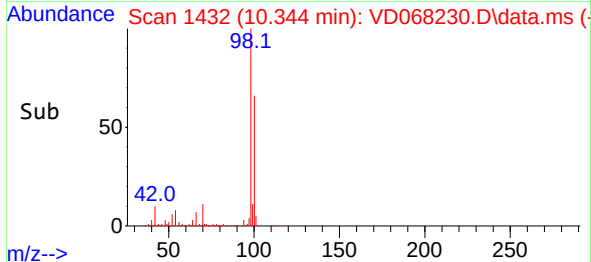
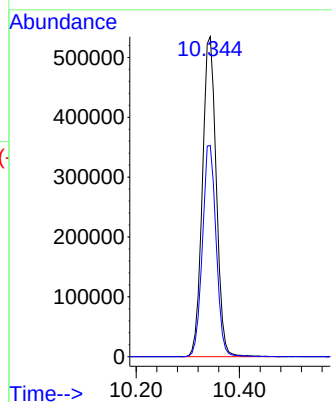
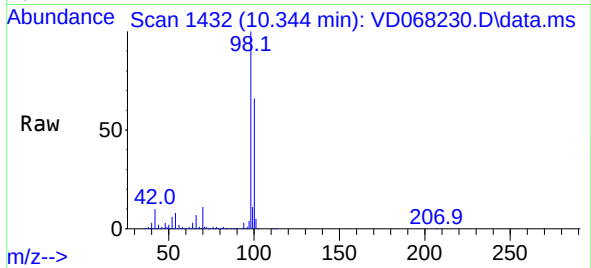




#50
Toluene-d8
Concen: 55.26 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

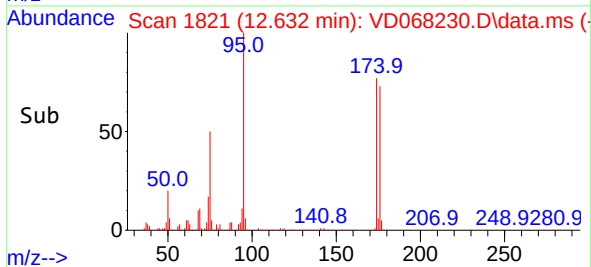
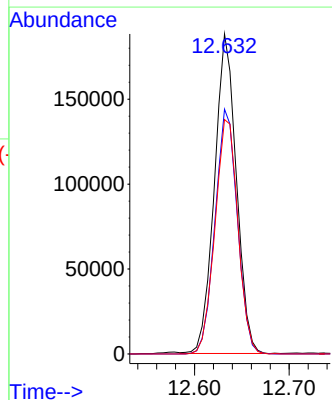
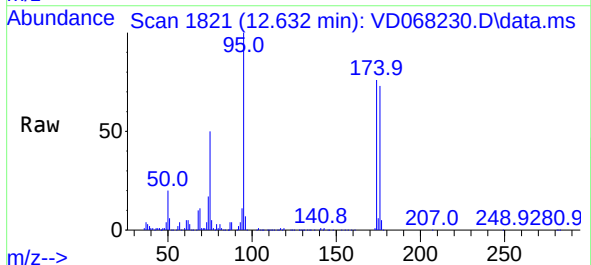
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

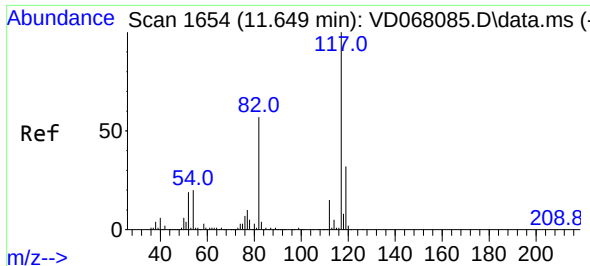
Tgt Ion: 98 Resp: 994192
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 46.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion: 95 Resp: 302605
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 76.7 0.0 168.4

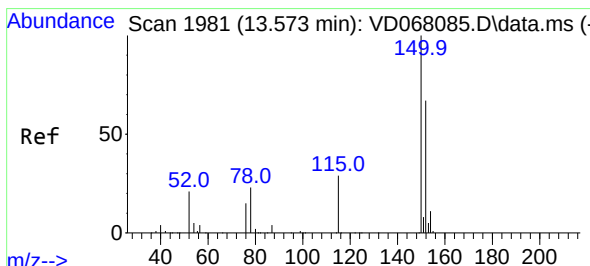
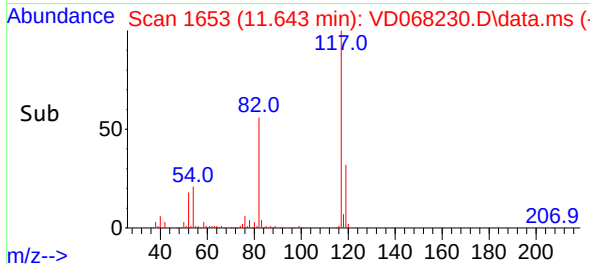
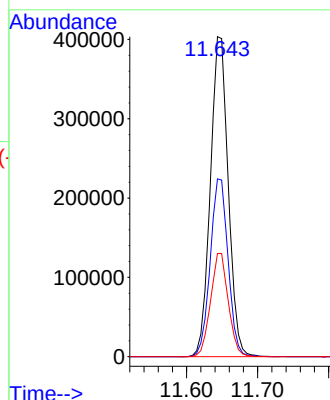
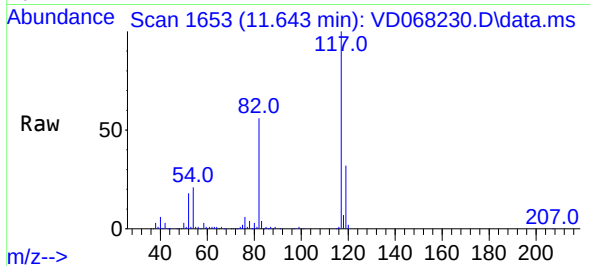




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

Tgt Ion:	117	Resp:	704616
Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.4	62.0
119	32.3	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion:	152	Resp:	283254
Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.9	86.8
150	156.3	0.0	344.4

