

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068589.D
 Acq On : 11 Mar 2021 17:05
 Operator : VA/SY
 Sample : M1614-02
 Misc : 5.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-021-ABCD

Quant Time: Mar 12 00:13:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	313155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	568612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	566461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	308977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173085	55.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.64%
35) Dibromofluoromethane	7.914	113	177824	51.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.82%
50) Toluene-d8	10.344	98	721896	52.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.82%
62) 4-Bromofluorobenzene	12.632	95	251999	57.31	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.62%

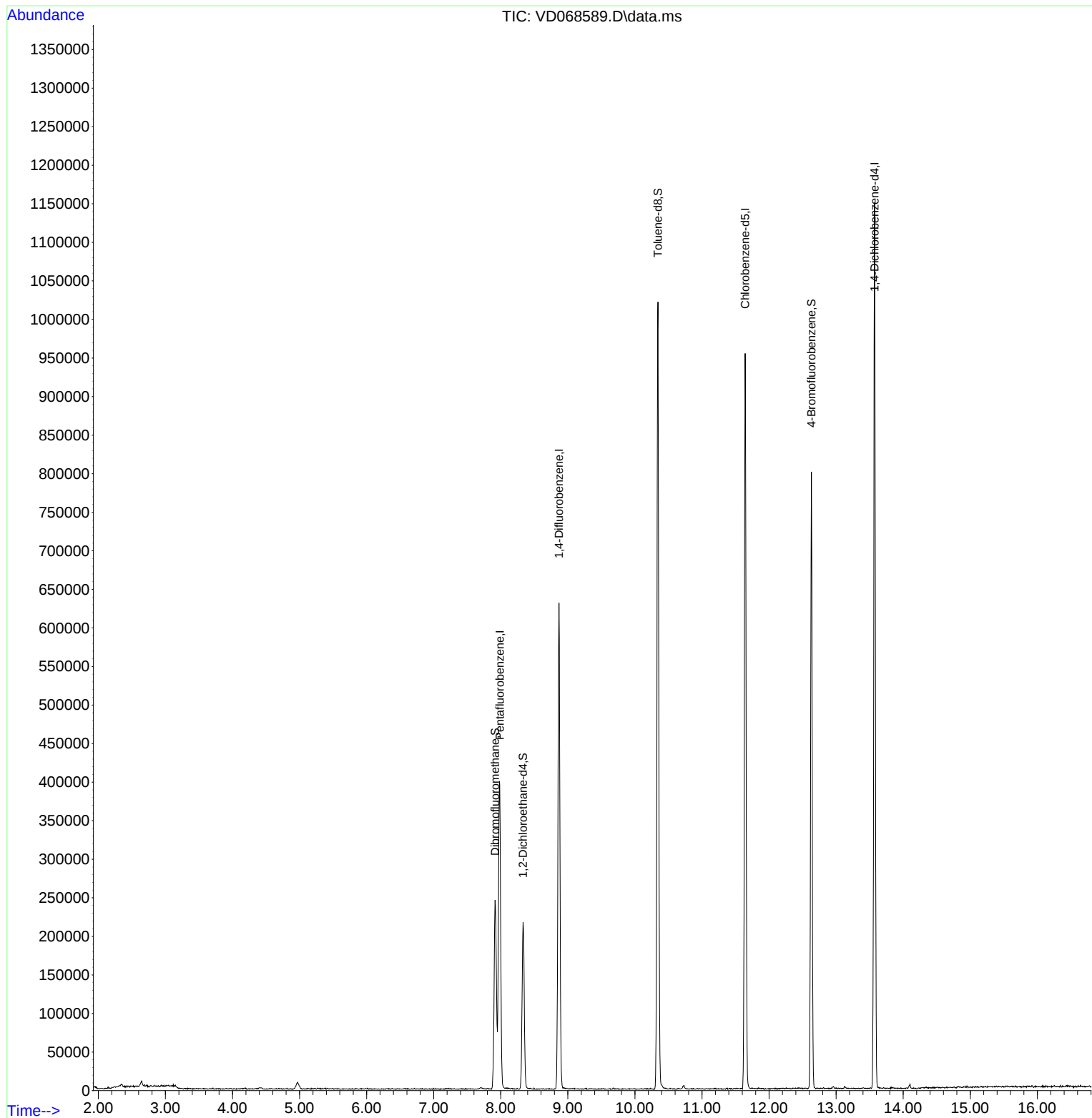
Target Compounds	Qvalue
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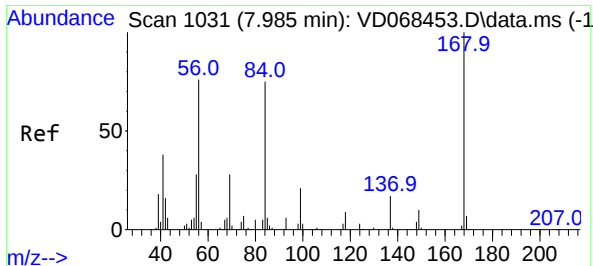
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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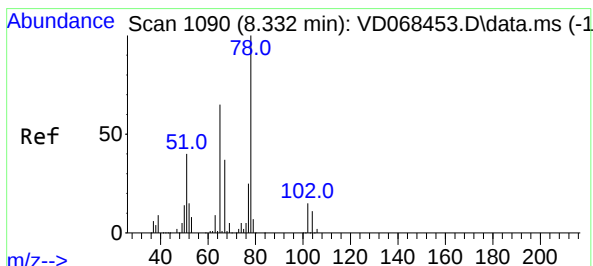
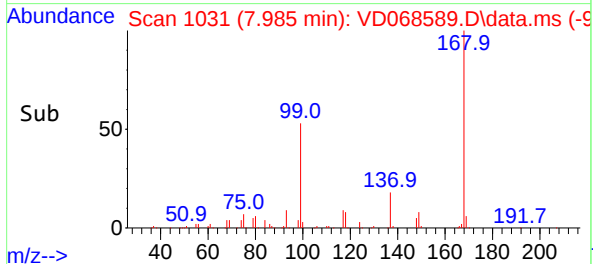
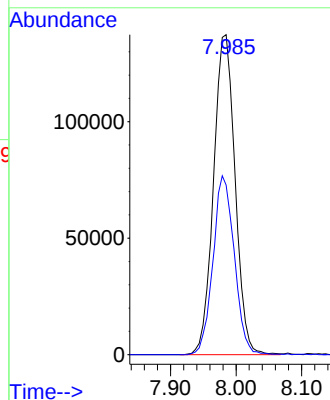
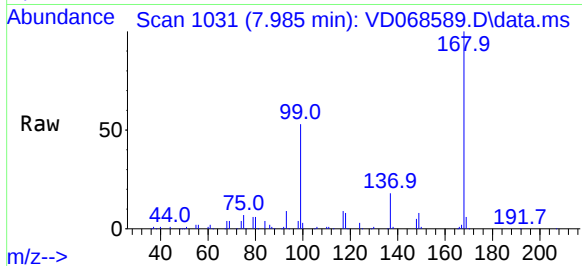




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

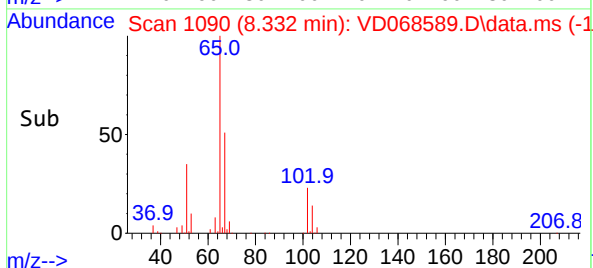
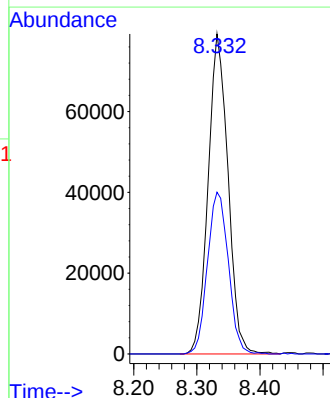
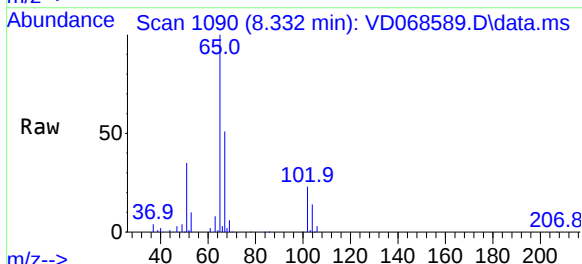
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-021-ABCD

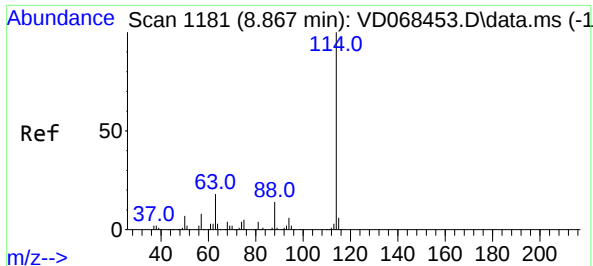
Tgt Ion:168 Resp: 313155
Ion Ratio Lower Upper
168 100
99 53.0 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 55.32 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 65 Resp: 173085
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



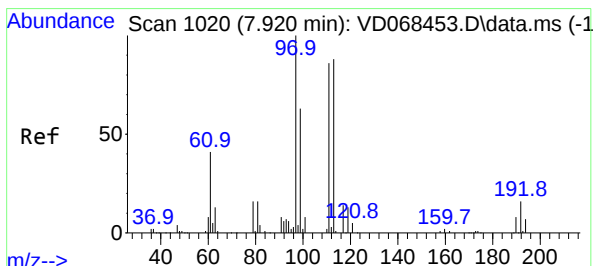
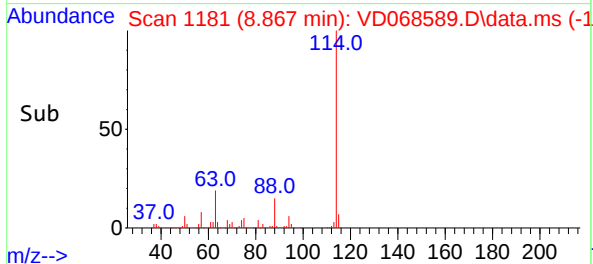
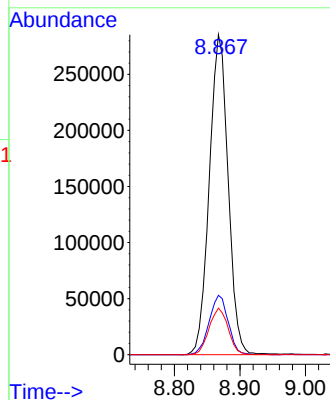
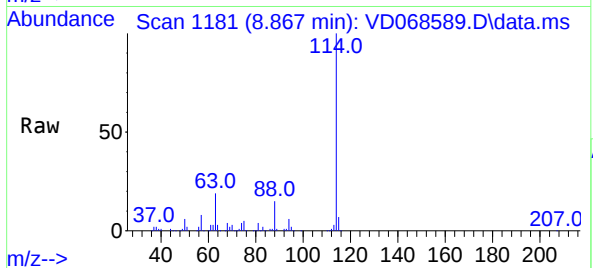


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-021-ABCD

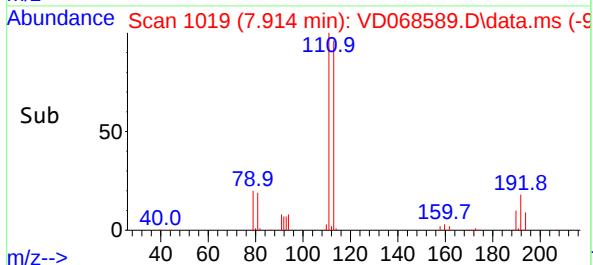
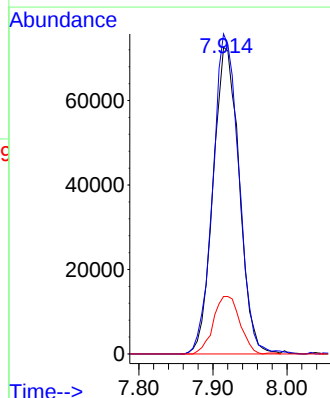
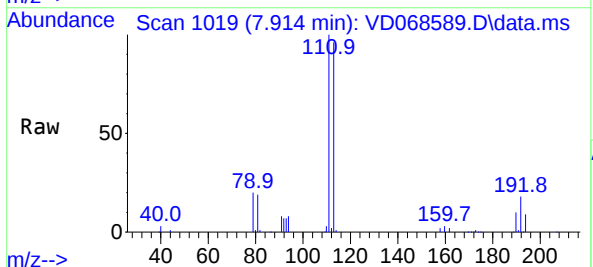
Tgt Ion:114 Resp: 568612
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.6 0.0 31.6

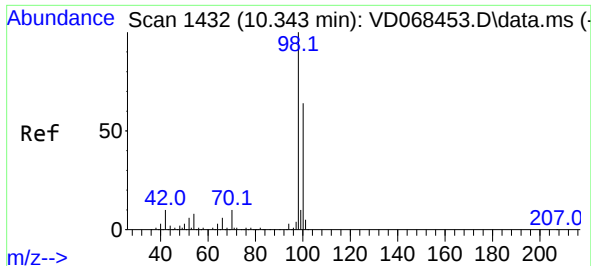


#35

Dibromofluoromethane
Concen: 51.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion:113 Resp: 177824
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 19.0 16.1 24.1

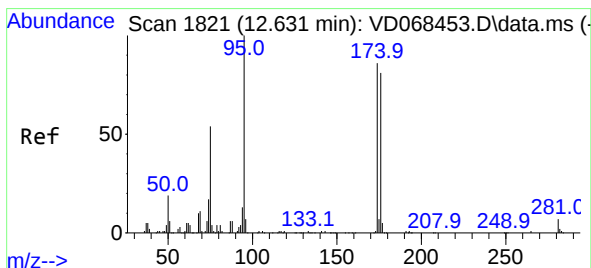
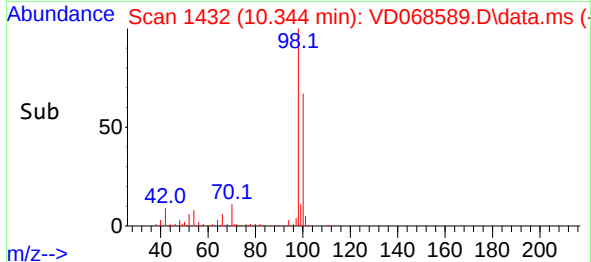
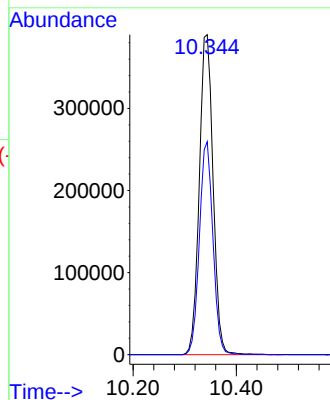
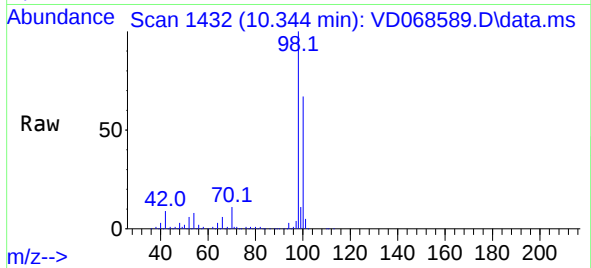




#50
Toluene-d8
Concen: 52.91 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

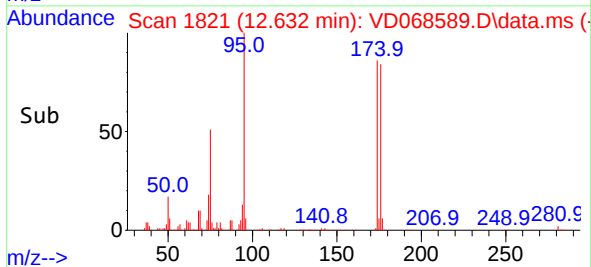
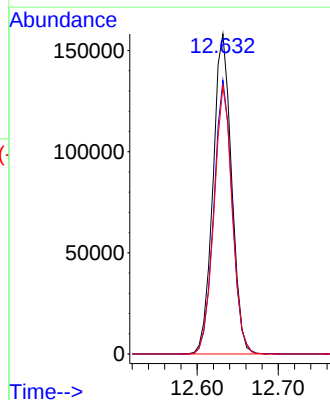
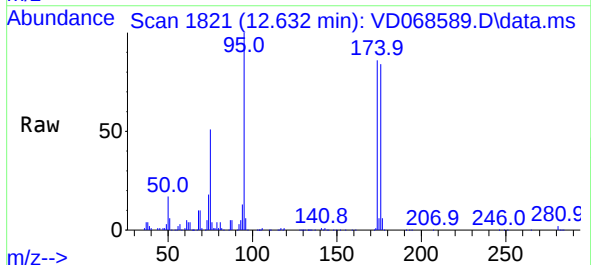
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-021-ABCD

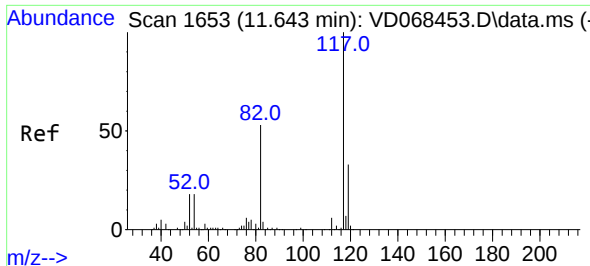
Tgt Ion: 98 Resp: 721896
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion: 95 Resp: 251999
Ion Ratio Lower Upper
95 100
174 84.2 0.0 172.4
176 82.0 0.0 168.4

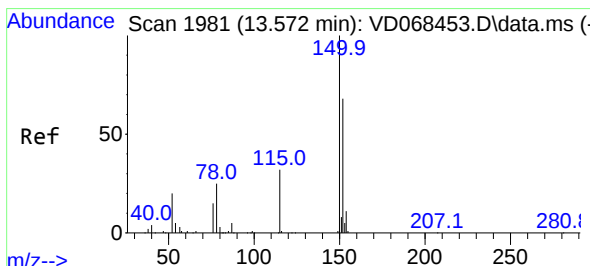
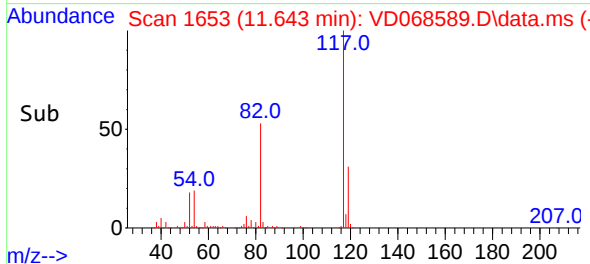
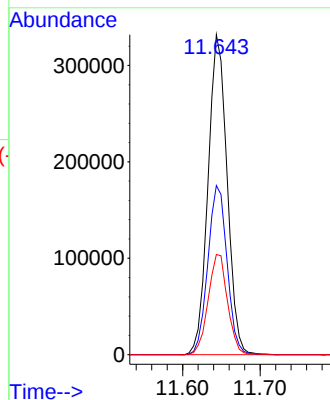
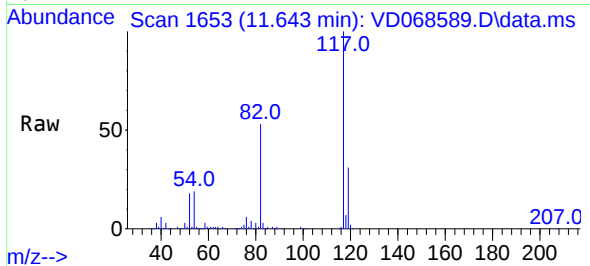




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Instrument :
MSVOA_D
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Tgt Ion:	117	Resp:	566461
Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.4	62.0
119	31.3	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068589.D
Acq: 11 Mar 2021 17:05

Tgt Ion:	152	Resp:	308977
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.9	86.8
150	157.4	0.0	344.4

