

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068324.D
 Acq On : 08 Feb 2021 18:08
 Operator : VA/SY
 Sample : M1341-02
 Misc : 3.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26572

Quant Time: Feb 09 00:17:02 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	466824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	856523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	716430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	260224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	264026	59.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.24%
35) Dibromofluoromethane	7.914	113	259078	54.71	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.42%
50) Toluene-d8	10.344	98	1010753	53.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.72%
62) 4-Bromofluorobenzene	12.632	95	299227	43.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.74%

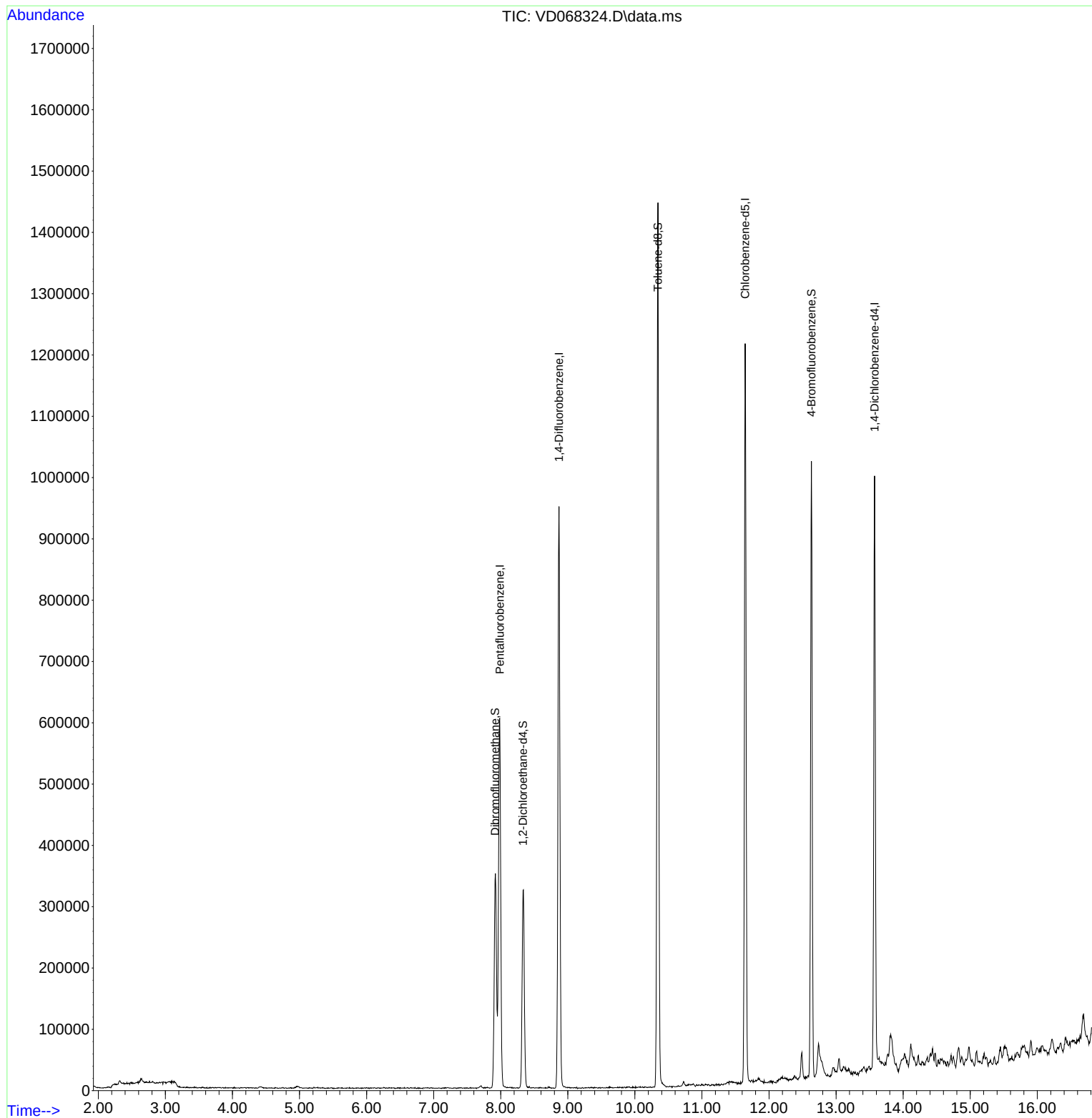
Target Compounds	Qvalue

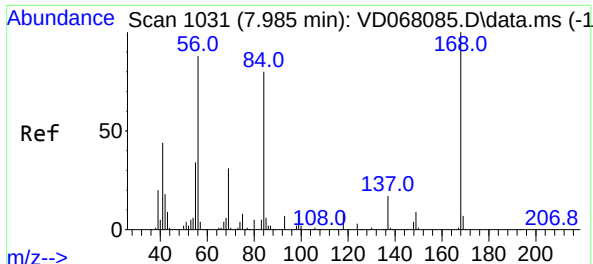
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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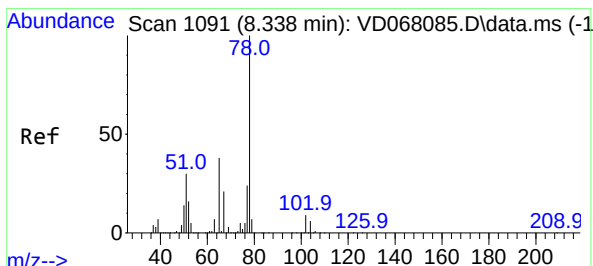
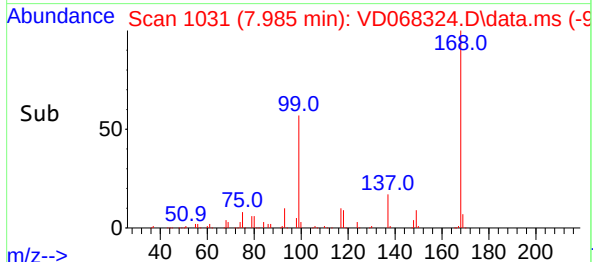
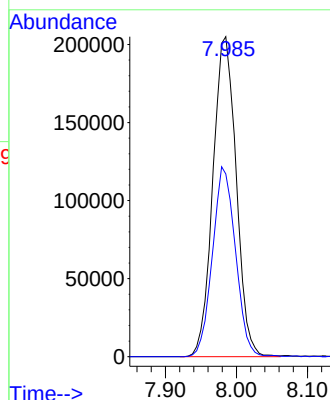
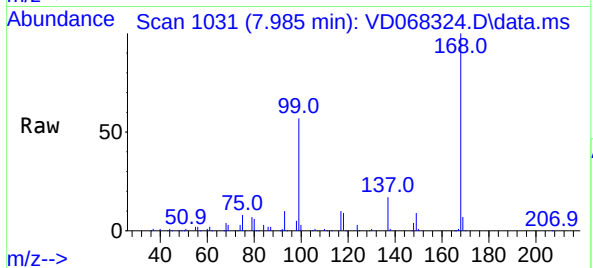




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

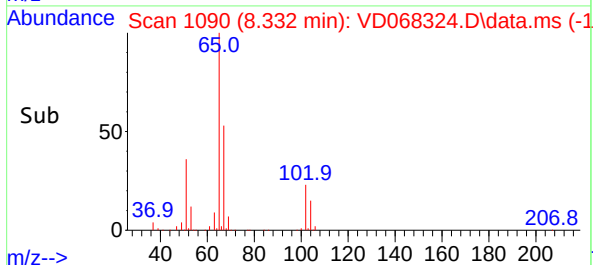
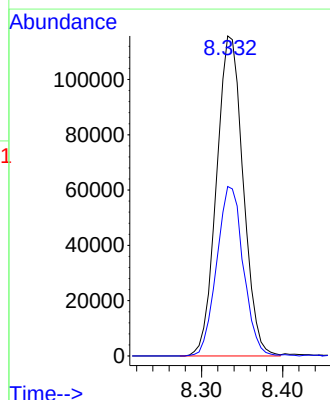
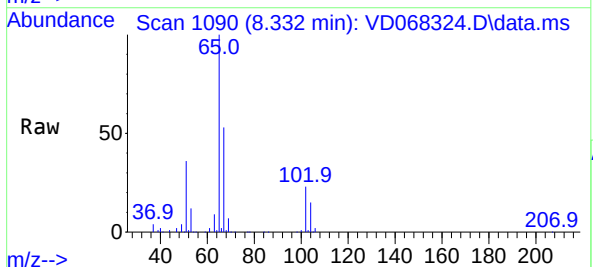
Instrument :
MSVOA_D
ClientSampleId :
26572

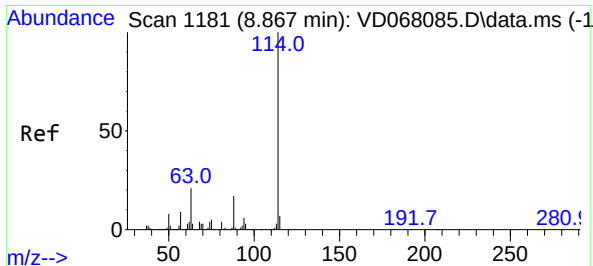
Tgt Ion:168 Resp: 466824
Ion Ratio Lower Upper
168 100
99 57.1 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 59.12 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 65 Resp: 264026
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0





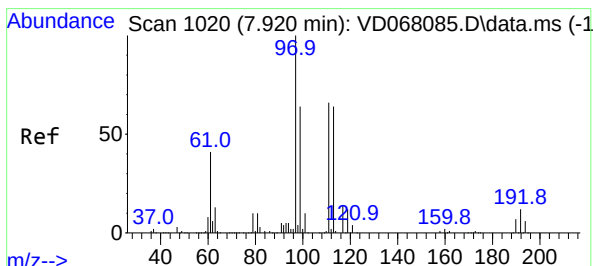
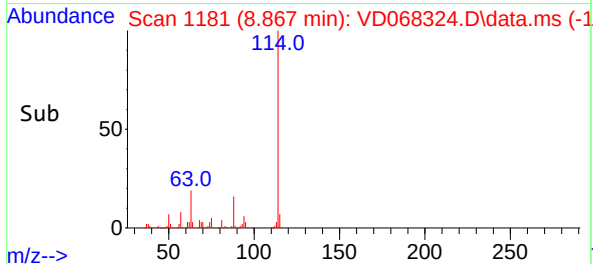
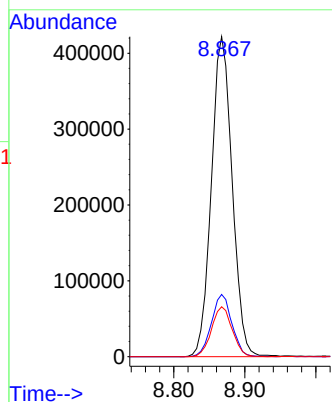
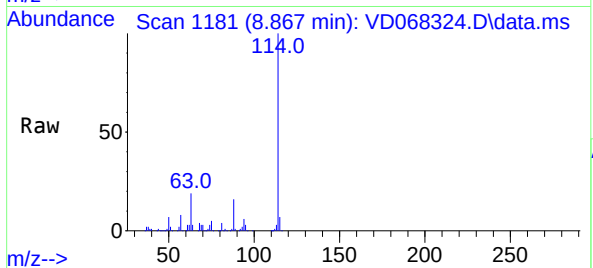
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampled :
26572

Tgt Ion:114 Resp: 856523

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	34.8
88	15.6	0.0	31.6

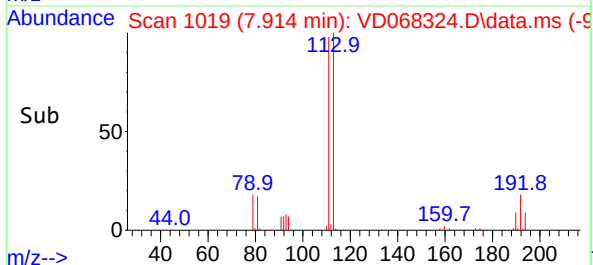
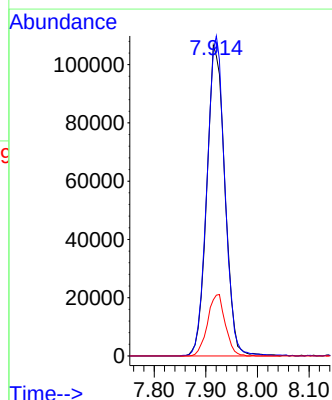
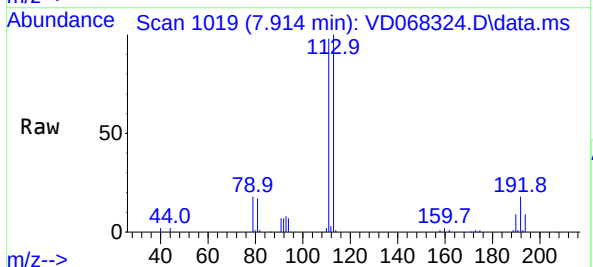


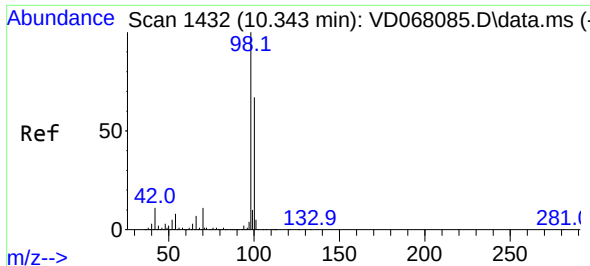
#35

Dibromofluoromethane
Concen: 54.71 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion:113 Resp: 259078

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	19.3	16.1	24.1

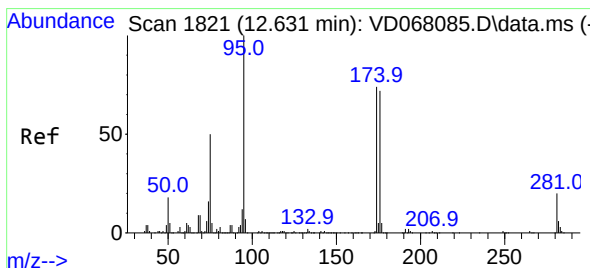
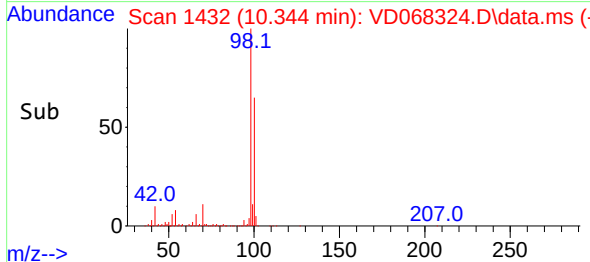
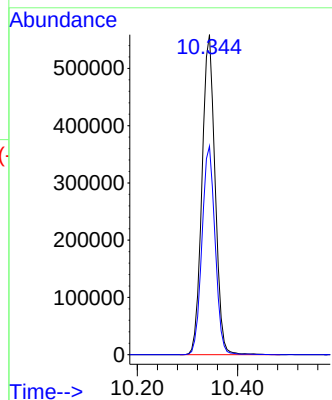
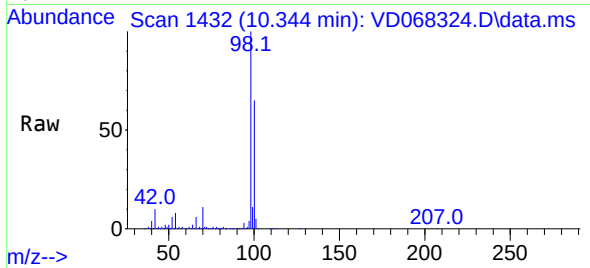




#50
Toluene-d8
Concen: 53.36 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

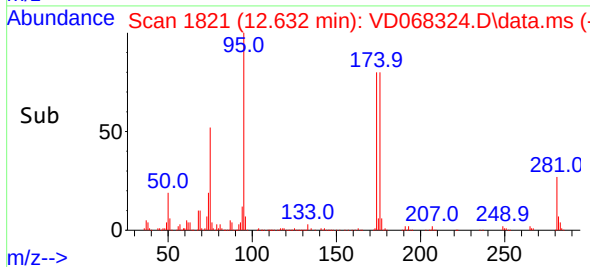
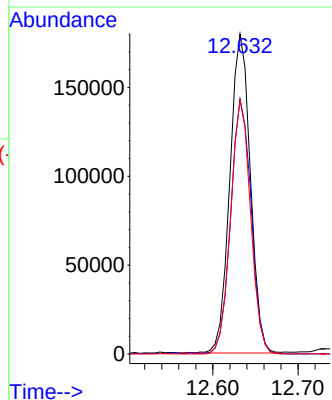
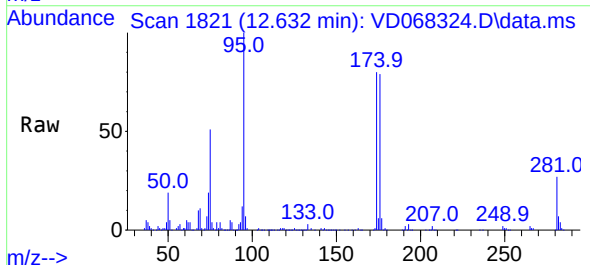
Instrument :
MSVOA_D
ClientSampleId :
26572

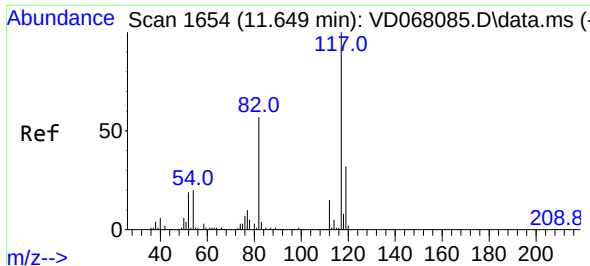
Tgt Ion: 98 Resp: 1010753
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 43.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion: 95 Resp: 299227
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 77.5 0.0 168.4

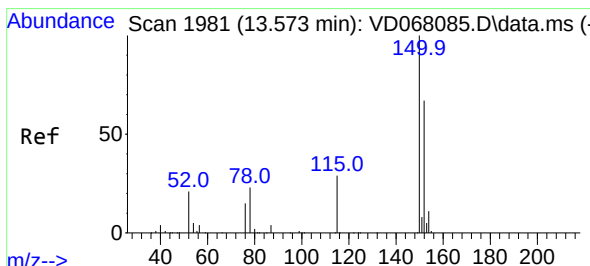
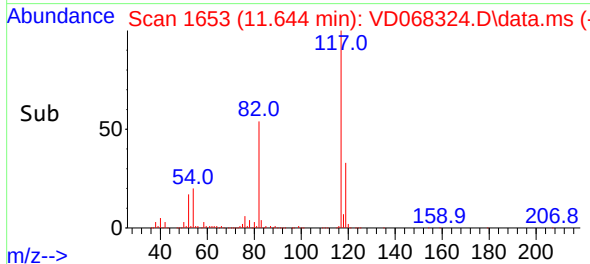
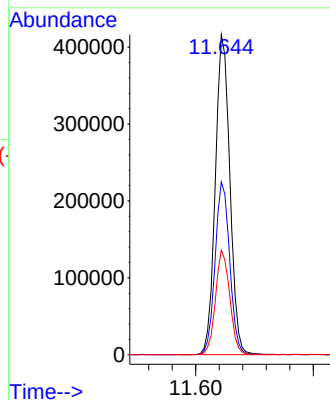
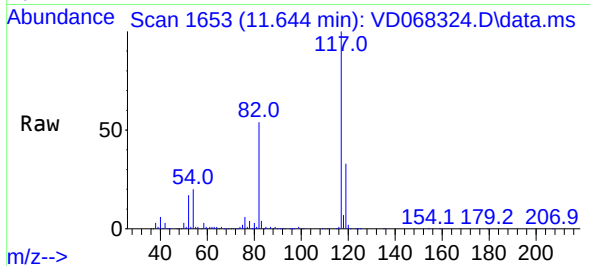




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068324.D
Acq: 08 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :
26572

Tgt Ion:	117	Resp:	716430
Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.4	62.0
119	32.7	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: VD068324.D
Acq: 08 Feb 2021 18:08

Tgt Ion:	152	Resp:	260224
Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.9	86.8
150	156.2	0.0	344.4

