

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068944.D
 Acq On : 22 Apr 2021 10:55
 Operator : VA/SY
 Sample : VD0422SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0422SBL01

Quant Time: Apr 23 08:43:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	326594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	565981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	649740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	328148	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139013	40.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.54%
35) Dibromofluoromethane	7.914	113	171048	46.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.92%
50) Toluene-d8	10.338	98	720435	51.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.76%
62) 4-Bromofluorobenzene	12.632	95	286833	62.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.38%

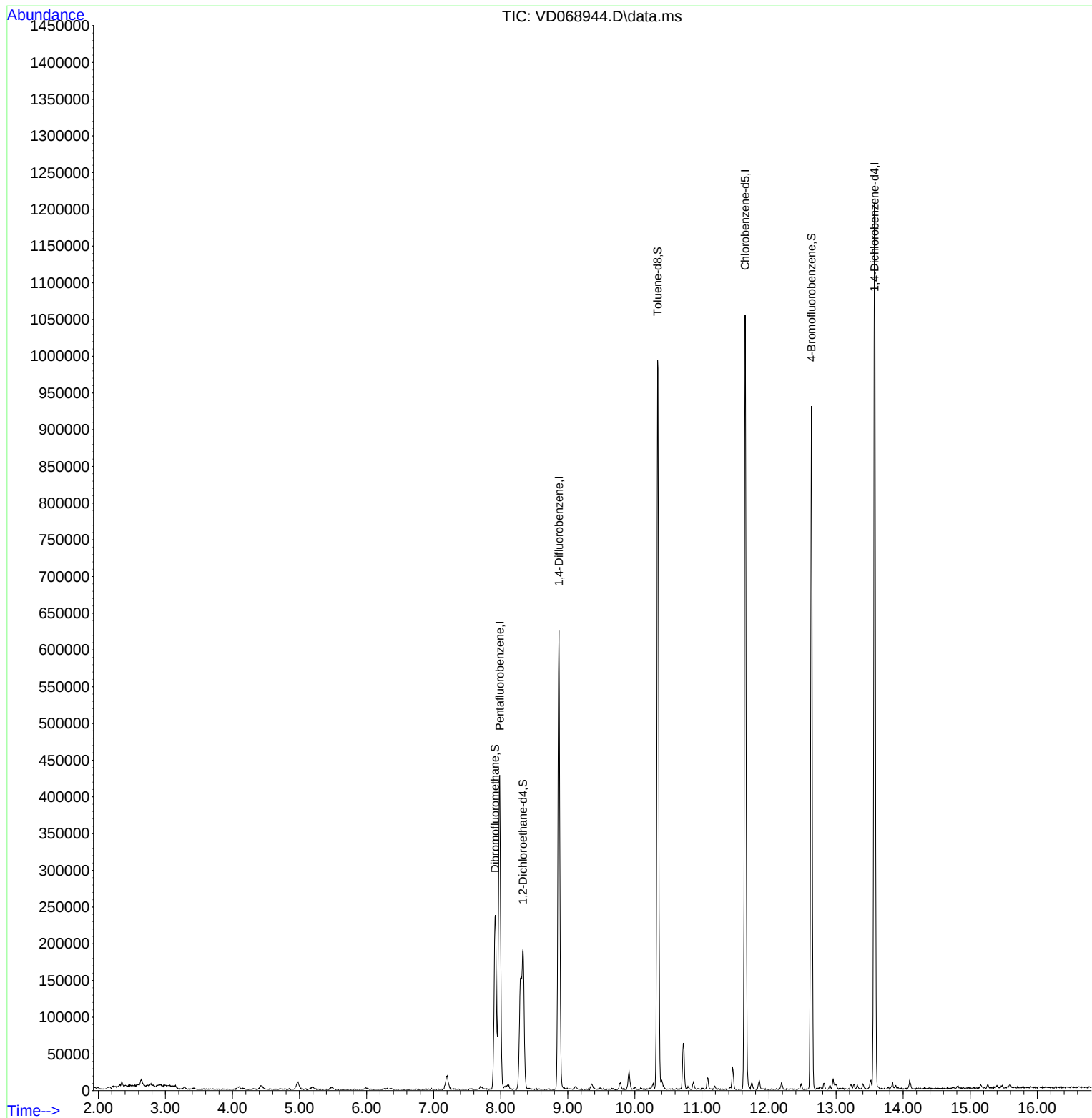
Target Compounds	Qvalue

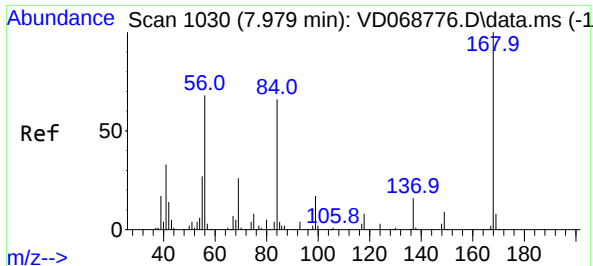
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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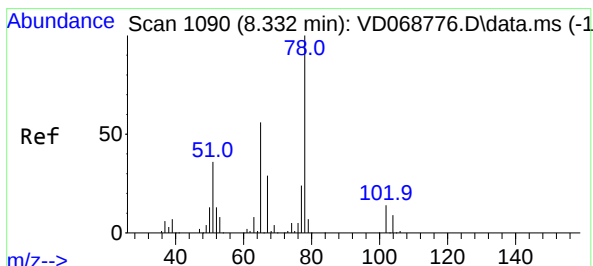
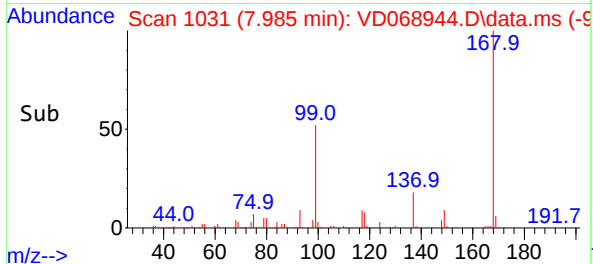
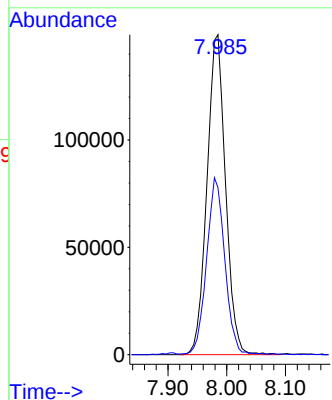
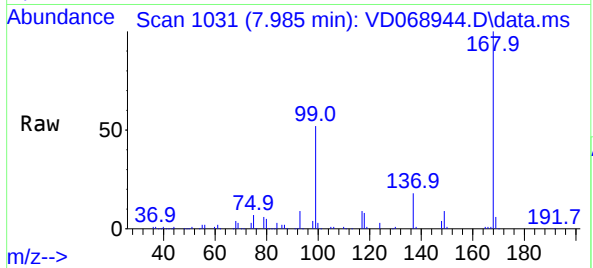




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

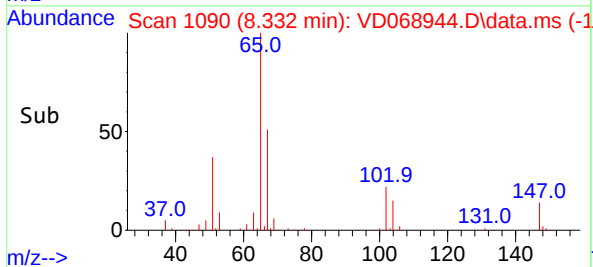
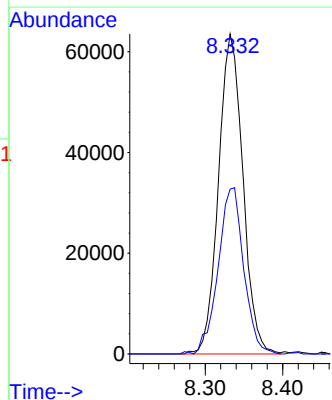
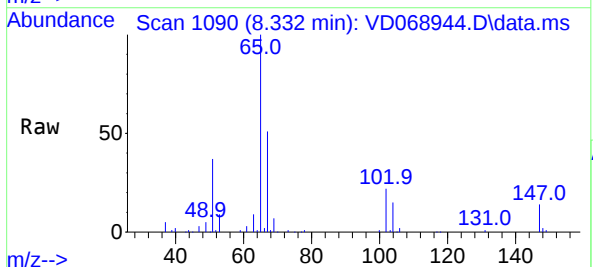
Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

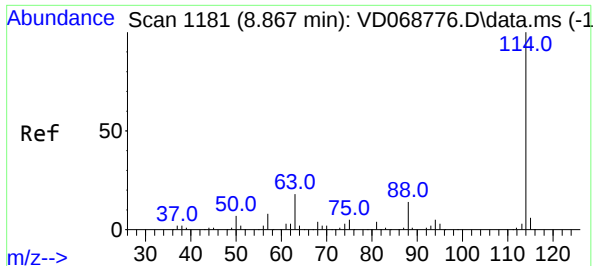
Tgt Ion:168 Resp: 326594
Ion Ratio Lower Upper
168 100
99 52.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 40.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion: 65 Resp: 139013
Ion Ratio Lower Upper
65 100
67 54.5 0.0 106.0

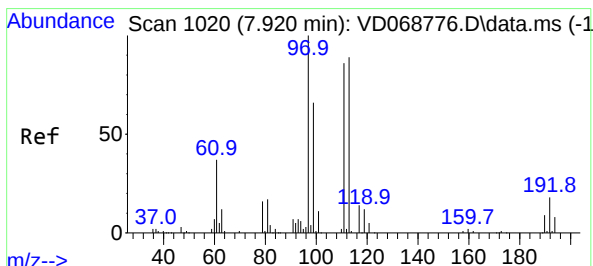
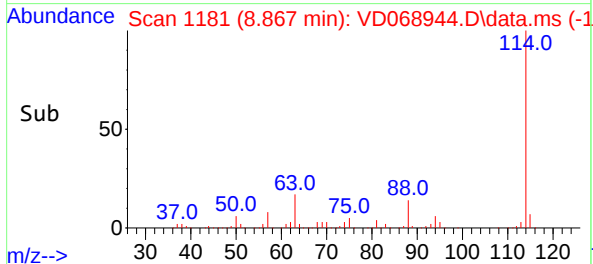
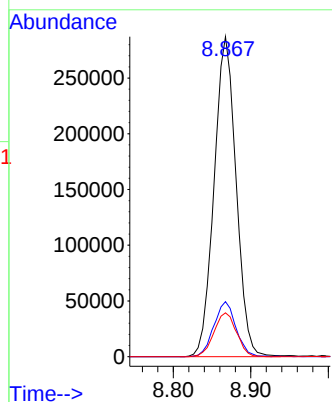
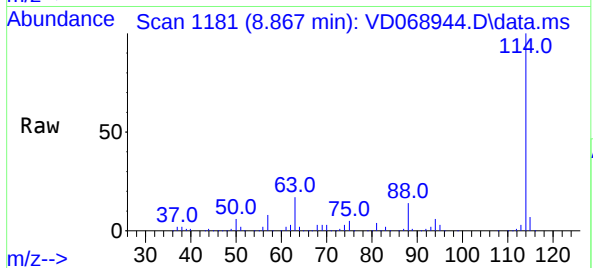




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

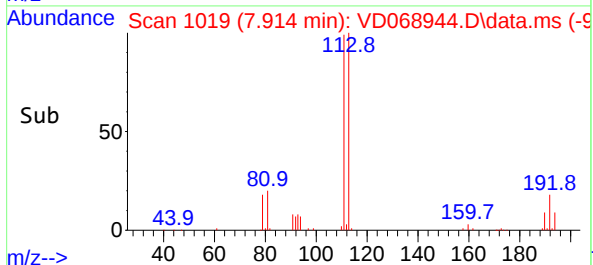
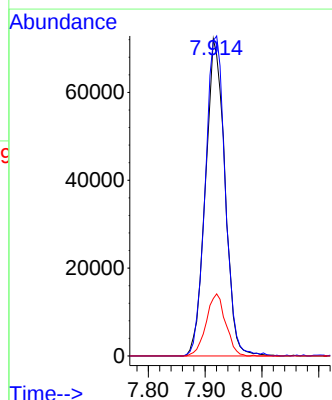
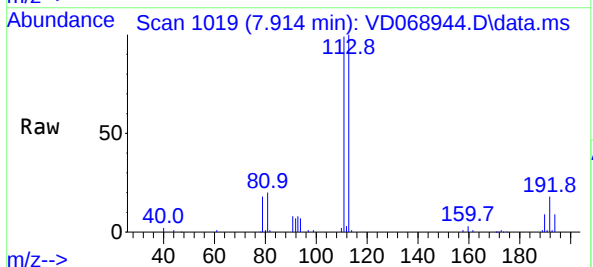
Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

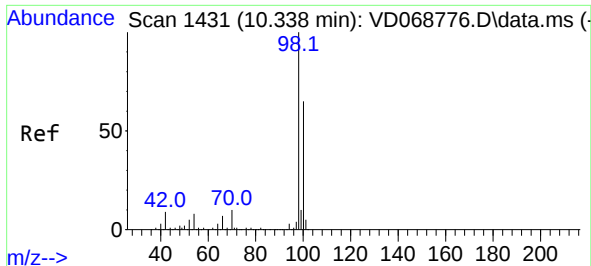
Tgt Ion:114 Resp: 565981
Ion Ratio Lower Upper
114 100
63 17.2 0.0 38.2
88 13.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.46 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion:113 Resp: 171048
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 19.6 15.1 22.7

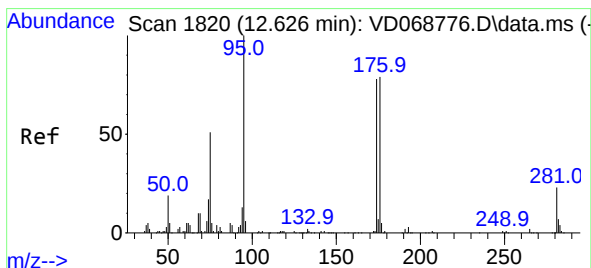
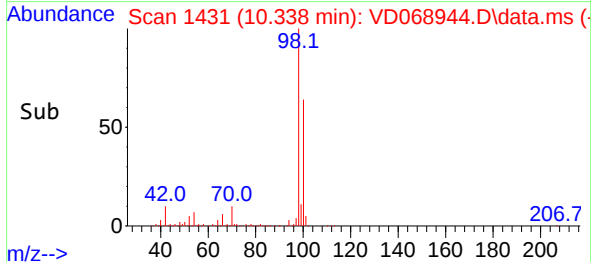
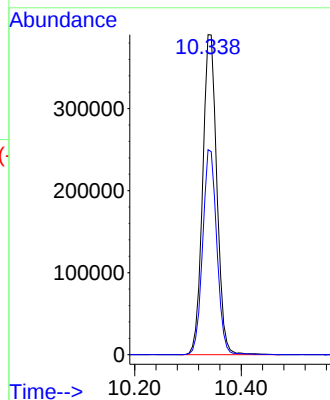
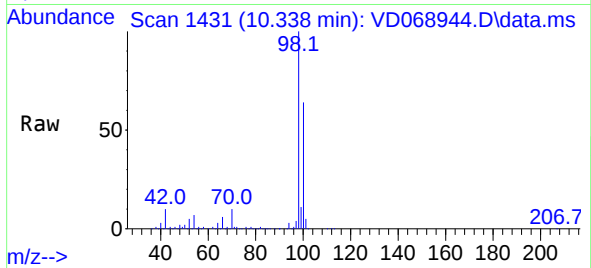




#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

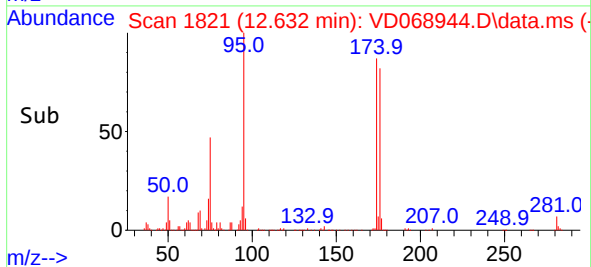
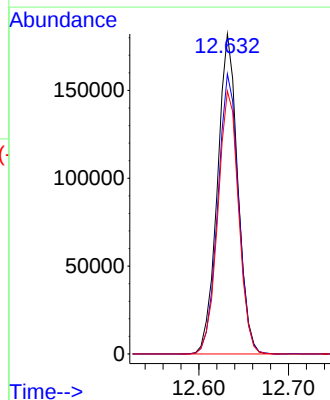
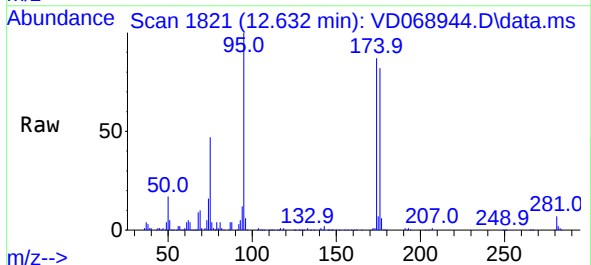
Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

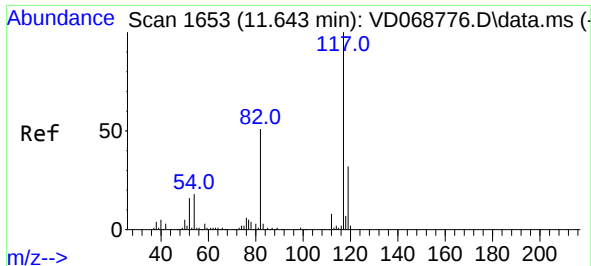
Tgt Ion: 98 Resp: 720435
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion: 95 Resp: 286833
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.0
176 83.6 0.0 160.2

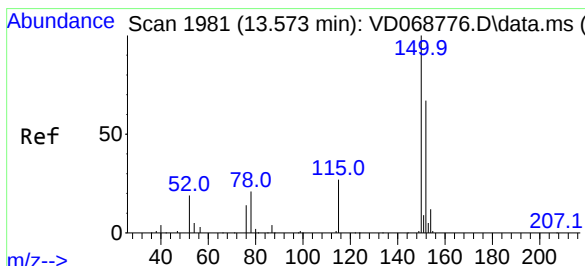
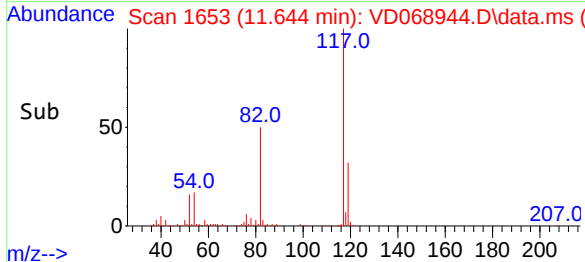
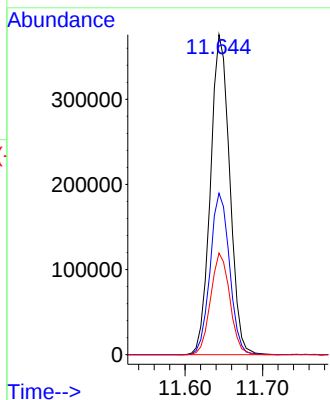
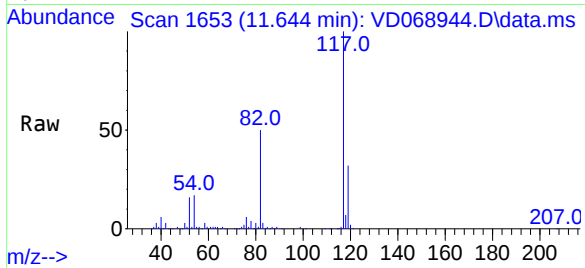




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Instrument :
MSVOA_D
ClientSampleId :
VD0422SBL01

Tgt Ion:	117	Resp:	649740
Ion	Ratio	Lower	Upper
117	100		
82	50.5	43.5	65.3
119	31.8	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068944.D
Acq: 22 Apr 2021 10:55

Tgt Ion:	152	Resp:	328148
Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	87.8
150	159.1	0.0	347.6

