

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068544.D
 Acq On : 05 Mar 2021 15:29
 Operator : VA/SY
 Sample : M1591-02
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-070

Quant Time: Mar 05 23:12:37 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	313273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	551358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	516769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	208189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	164803	52.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.30%
35) Dibromofluoromethane	7.920	113	166053	49.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.98%
50) Toluene-d8	10.343	98	679782	51.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.631	95	207682	48.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.42%

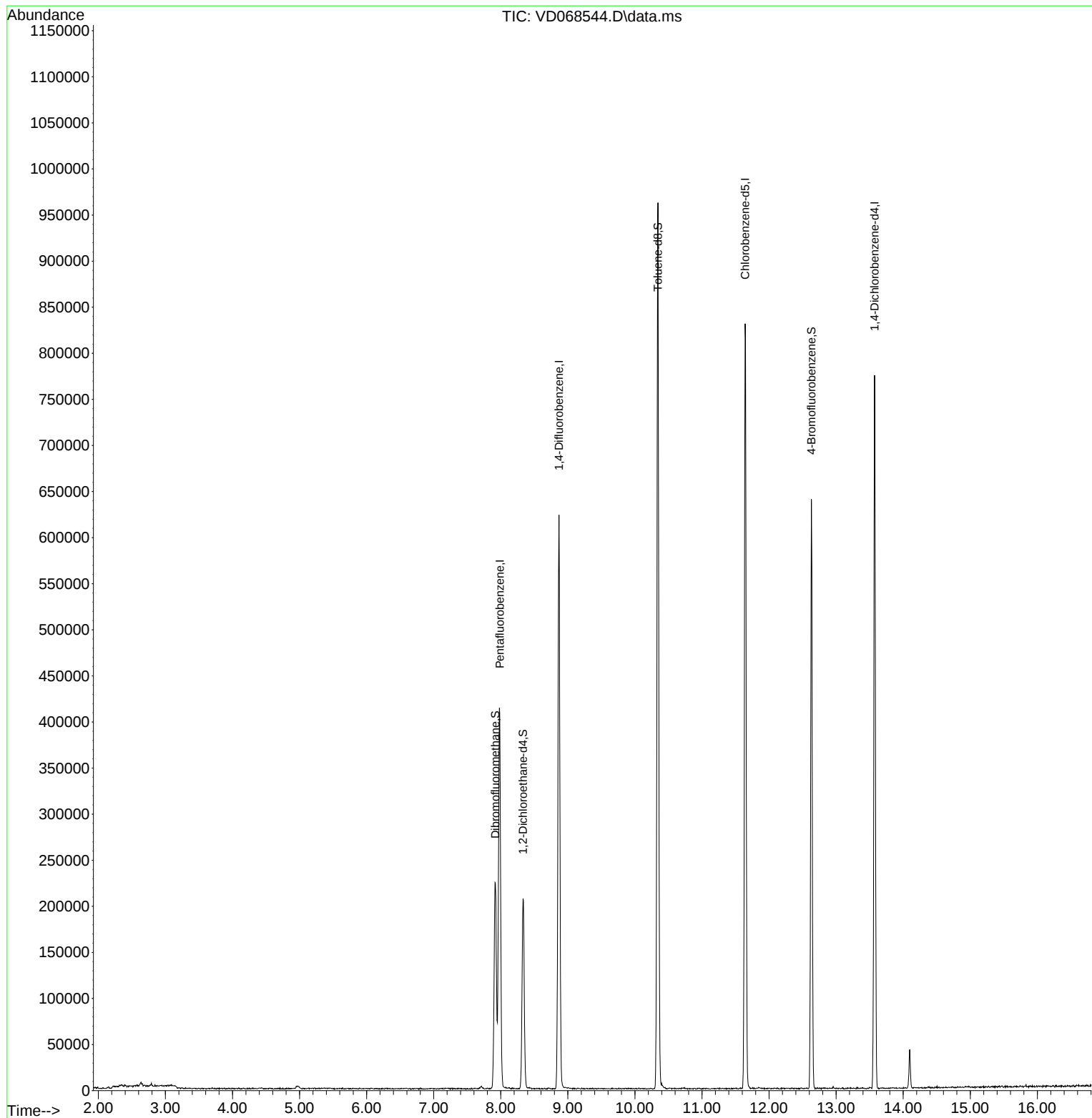
Target Compounds	Qvalue

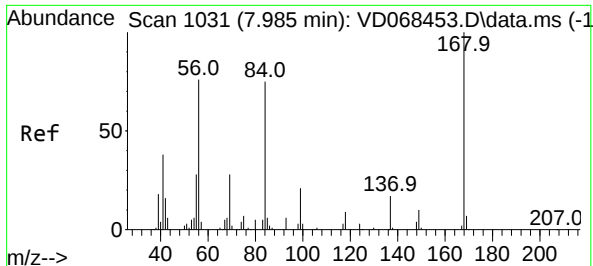
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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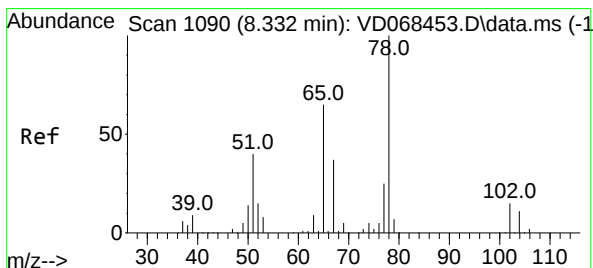
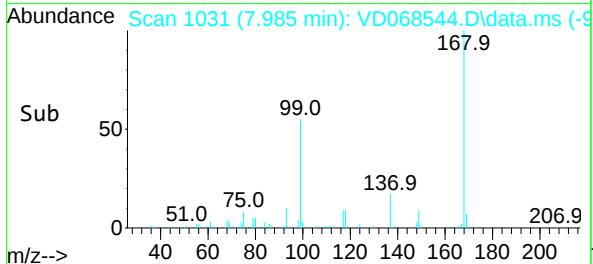
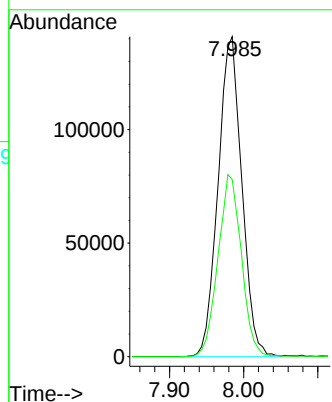
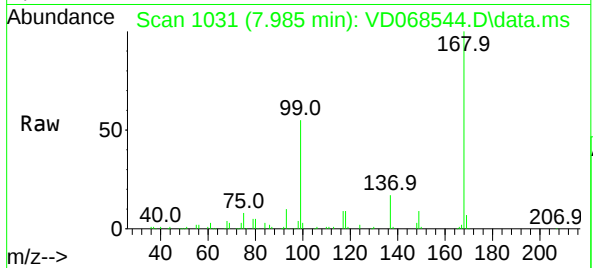




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

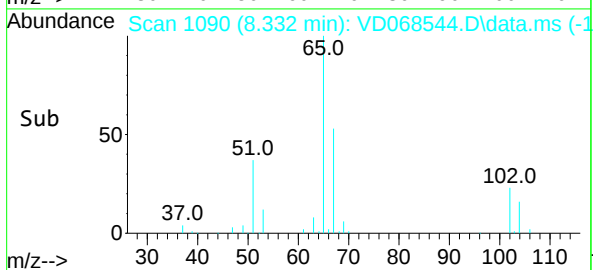
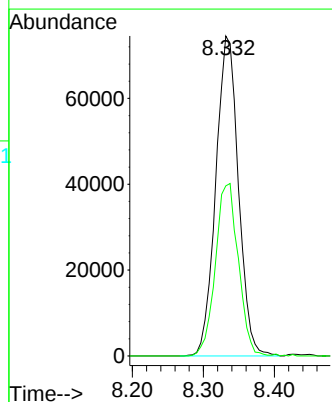
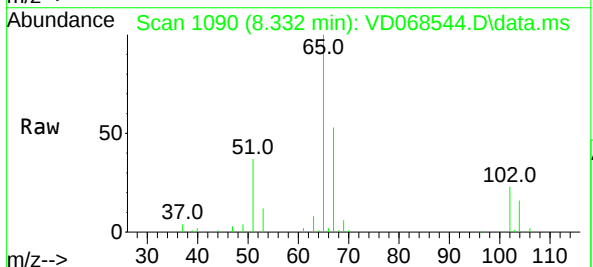
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

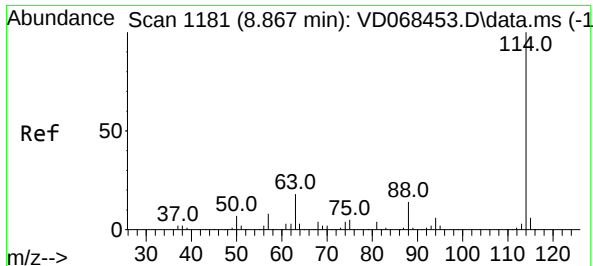
Tgt Ion:168 Resp: 313273
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion: 65 Resp: 164803
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0

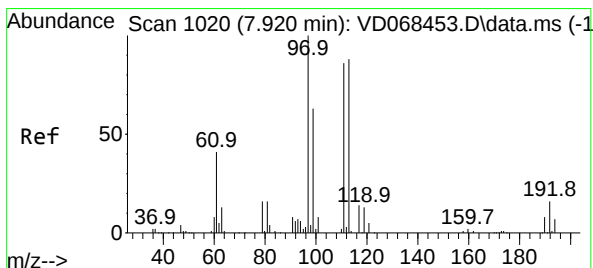
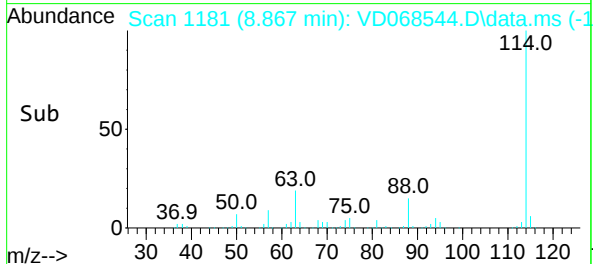
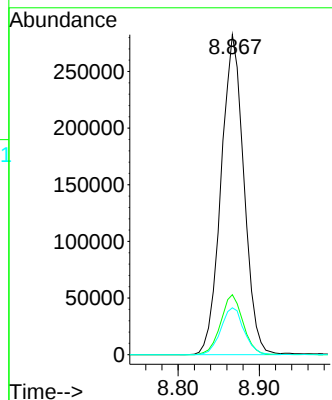
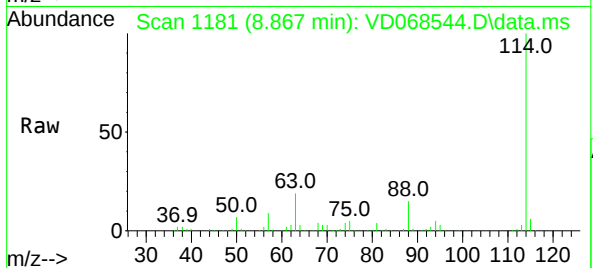




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

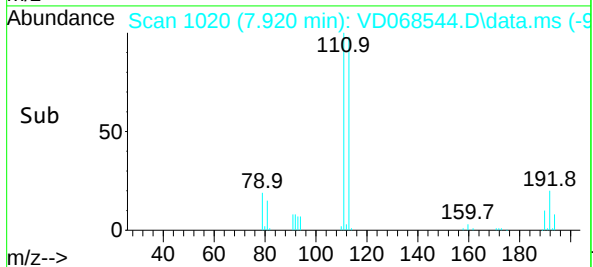
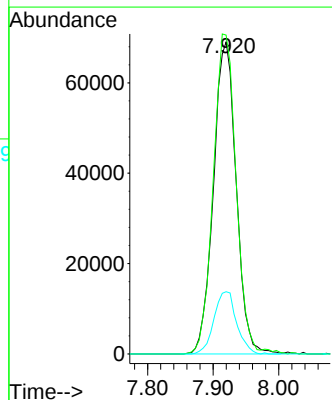
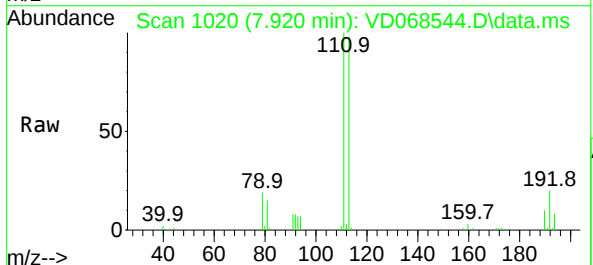
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

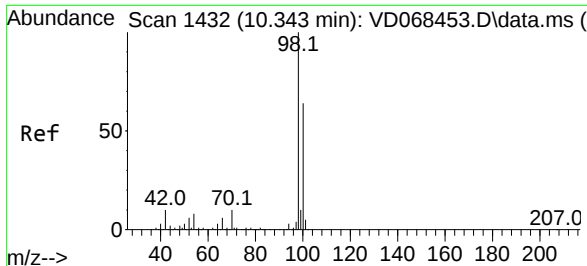
Tgt Ion:114 Resp: 551358
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.8
88 14.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 49.99 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion:113 Resp: 166053
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 19.8 16.1 24.1

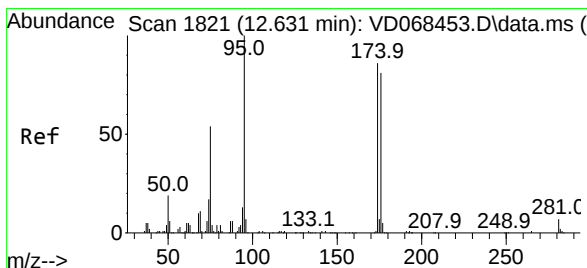
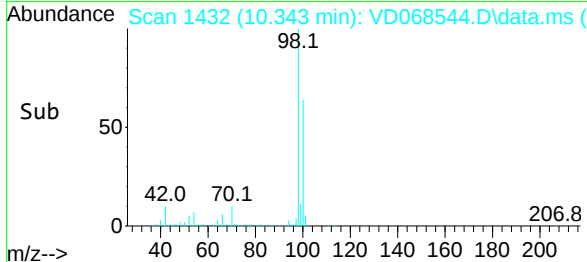
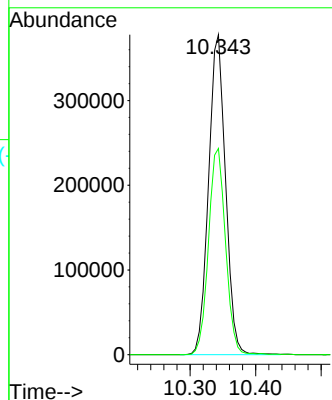
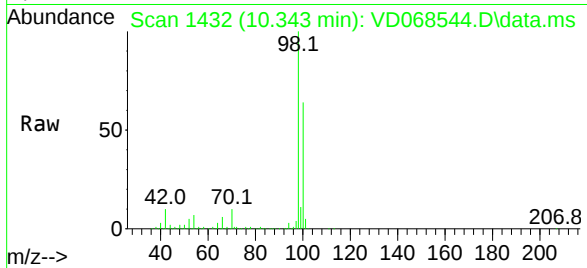




#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

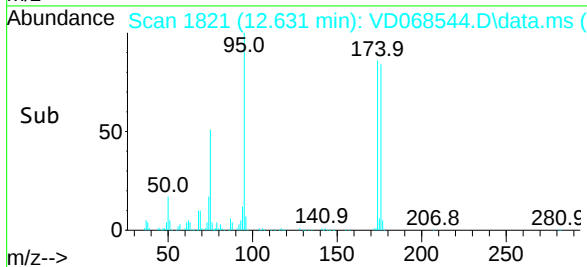
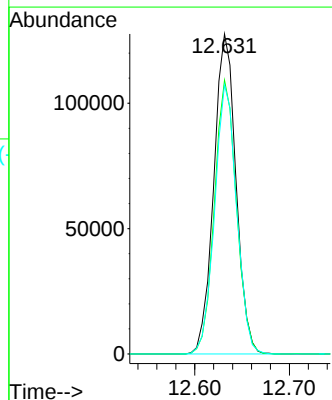
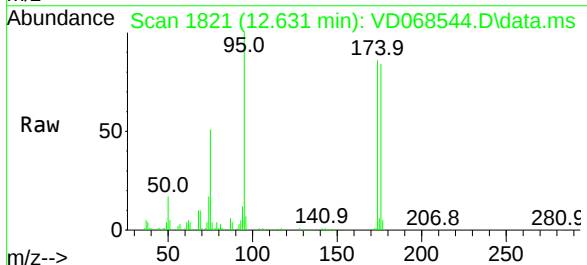
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

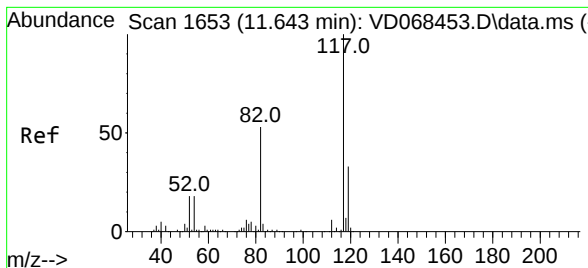
Tgt Ion: 98 Resp: 679782
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.71 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion: 95 Resp: 207682
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.4
176 83.3 0.0 168.4

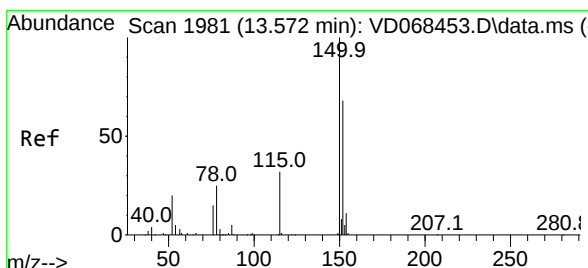
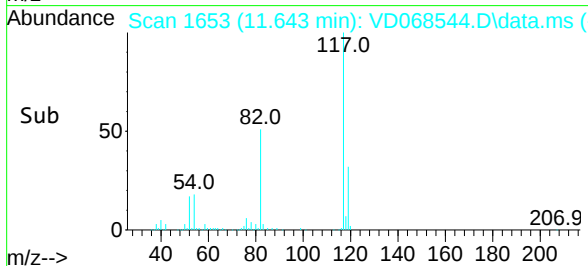
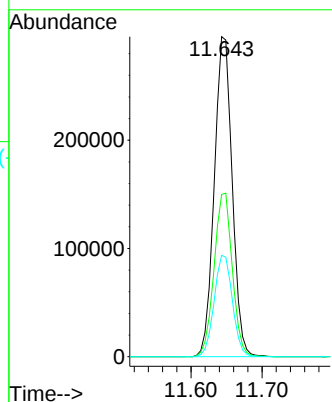
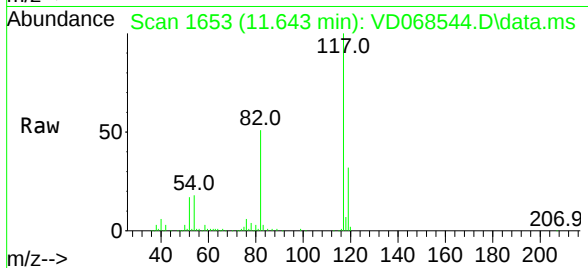




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-070

Tgt Ion:117 Resp: 516769
Ion Ratio Lower Upper
117 100
82 50.7 41.4 62.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068544.D
Acq: 05 Mar 2021 15:29

Tgt Ion:152 Resp: 208189
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 159.6 0.0 344.4

