

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069019.D
 Acq On : 29 Apr 2021 15:37
 Operator : VA/SY
 Sample : M2218-02
 Misc : 5.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-C6-D6-C6A-D6A

Quant Time: Apr 30 02:56:48 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	7.979	168	280567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	480543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	587098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	316131	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	122098	41.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.36%
35) Dibromofluoromethane	7.914	113	152309	48.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.46%
50) Toluene-d8	10.337	98	598854	50.79	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.58%
62) 4-Bromofluorobenzene	12.631	95	270391	69.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.10%

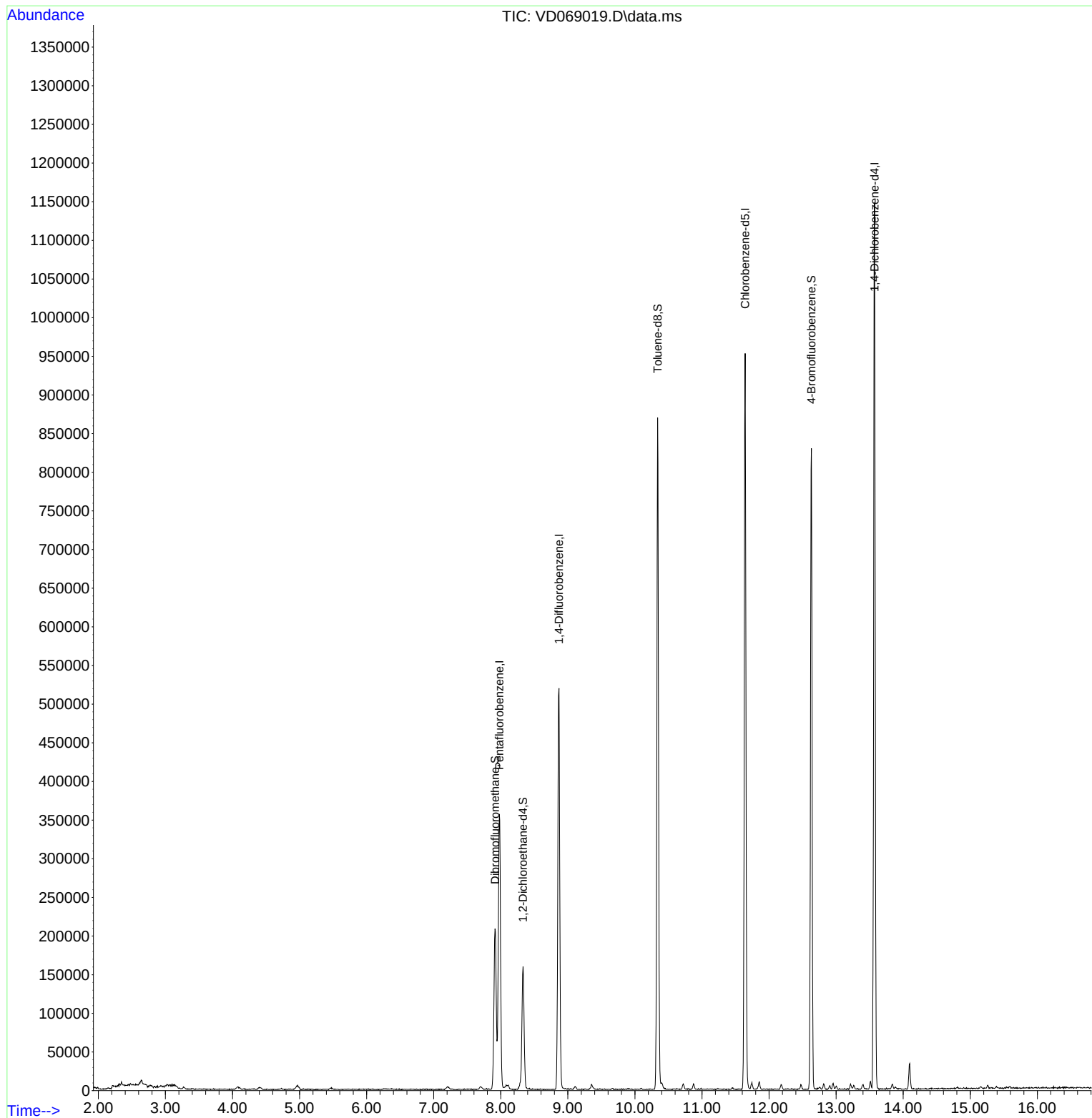
Target Compounds	Qvalue

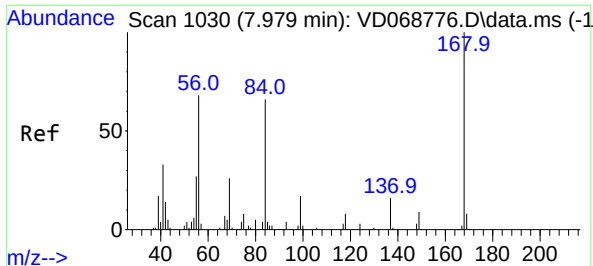
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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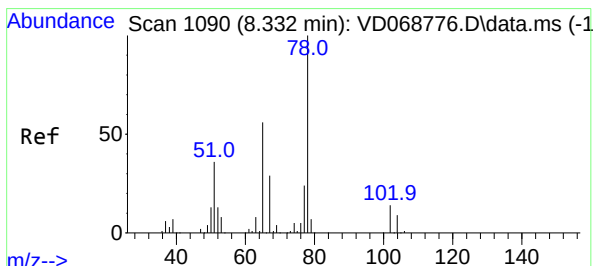
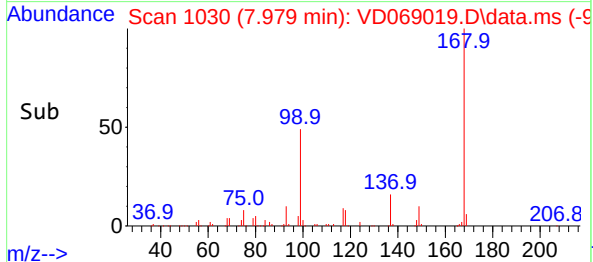
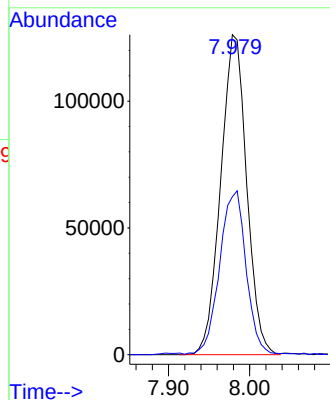
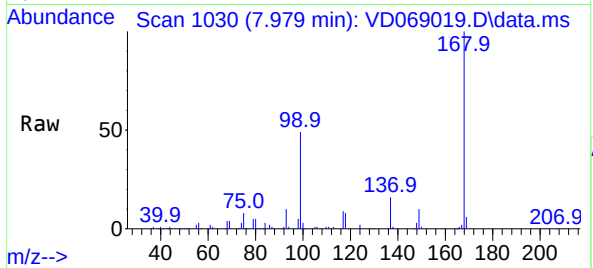




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

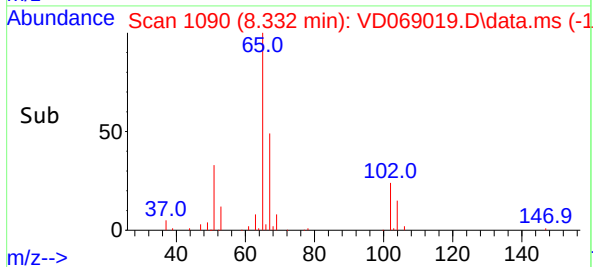
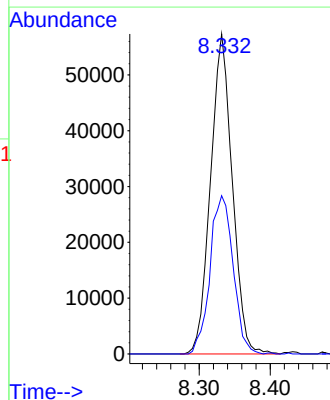
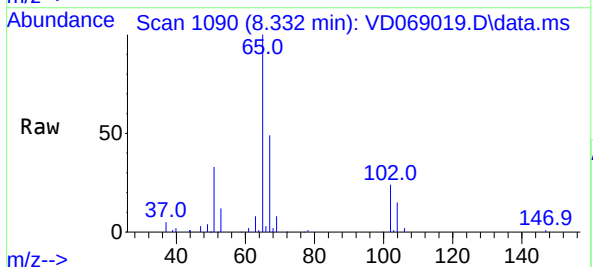
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C6-D6-C6A-D6A

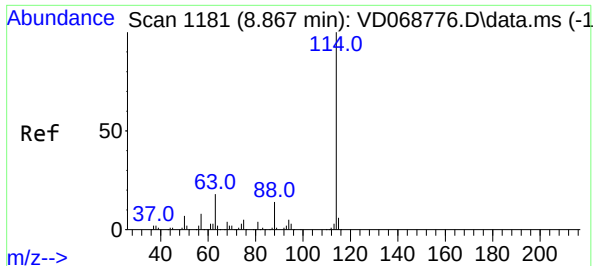
Tgt Ion:168 Resp: 280567
Ion Ratio Lower Upper
168 100
99 49.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 65 Resp: 122098
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0

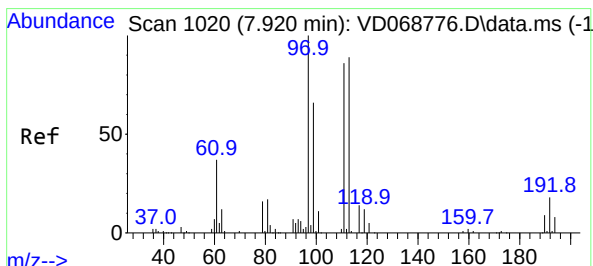
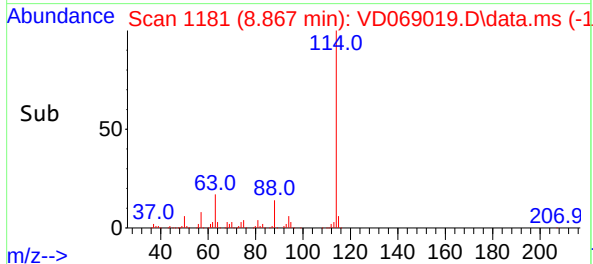
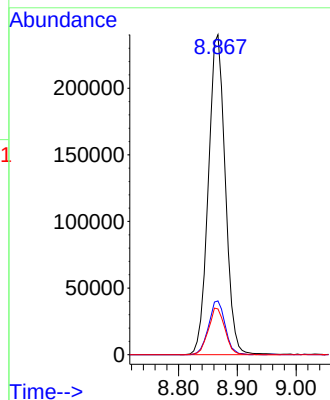
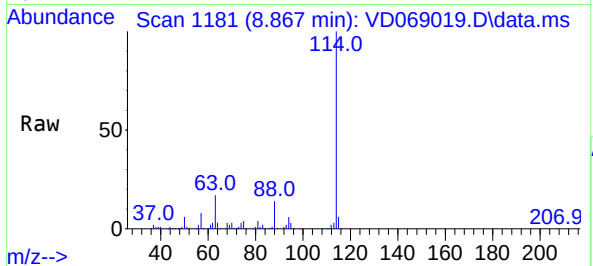




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

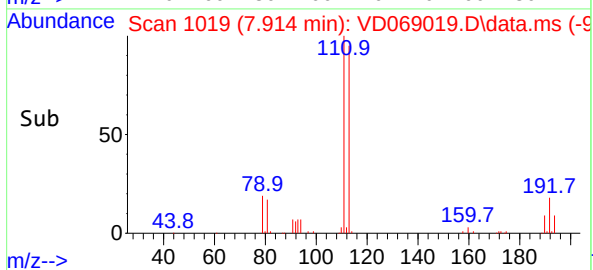
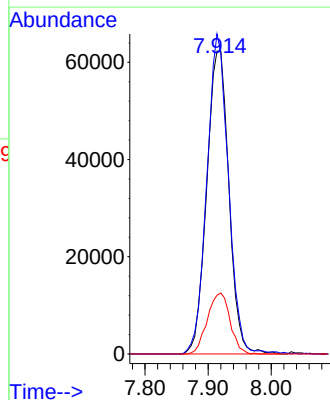
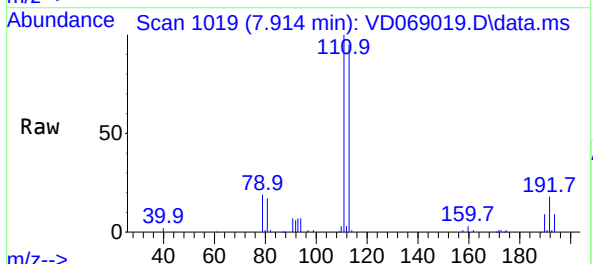
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C6-D6-C6A-D6A

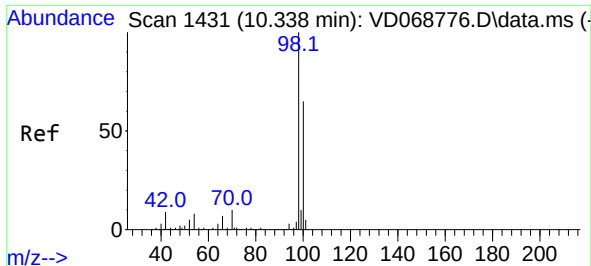
Tgt Ion:	114	Resp:	480543
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	38.2
88	14.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion:	113	Resp:	152309
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.5	123.7
192	20.5	15.1	22.7

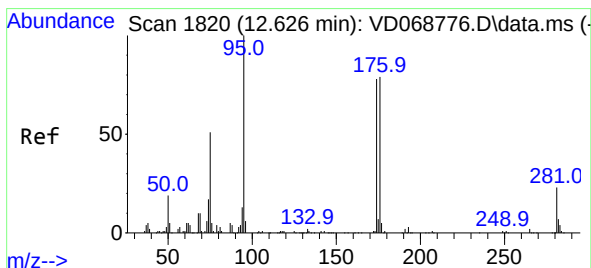
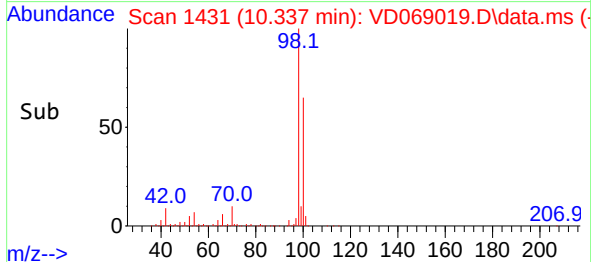
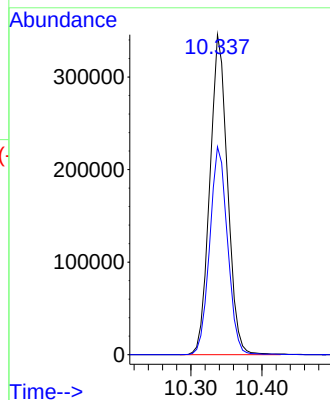
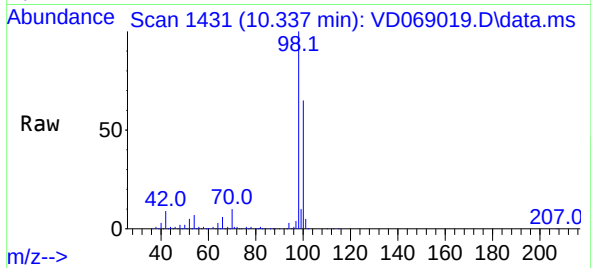




#50
Toluene-d8
Concen: 50.79 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

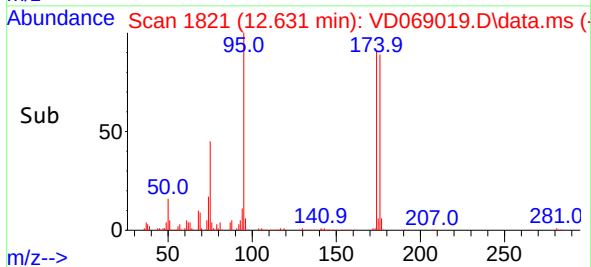
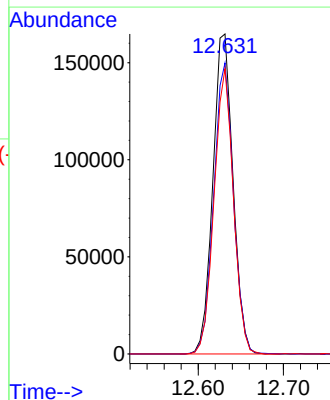
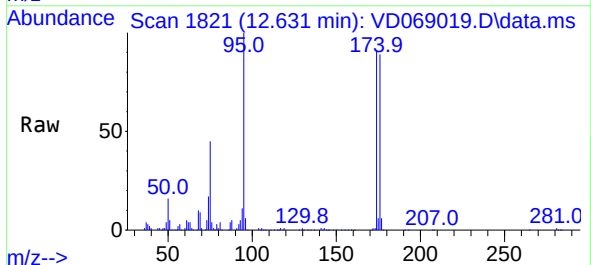
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C6-D6-C6A-D6A

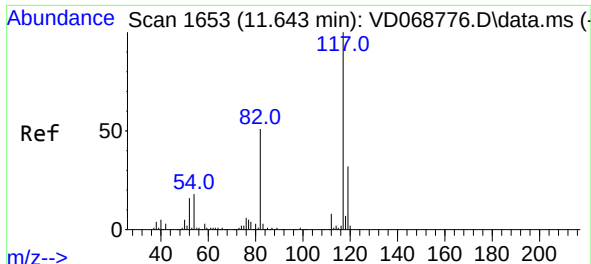
Tgt Ion: 98 Resp: 598854
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 69.05 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion: 95 Resp: 270391
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.0
176 85.5 0.0 160.2

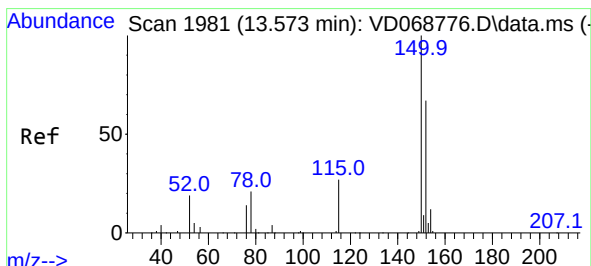
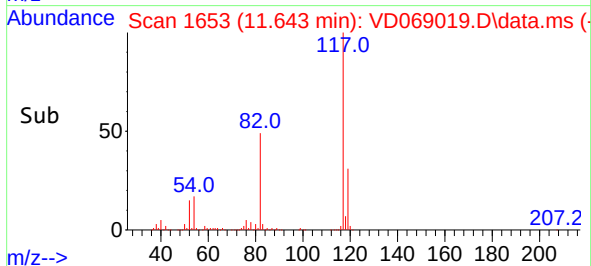
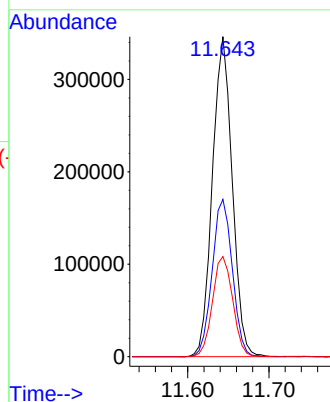
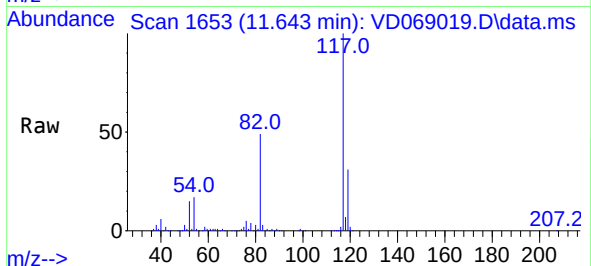




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069019.D
Acq: 29 Apr 2021 15:37

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-C6-D6-C6A-D6A

Tgt Ion:	117	Resp:	587098
Ion	Ratio	Lower	Upper
117	100		
82	49.2	43.5	65.3
119	31.3	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: VD069019.D
Acq: 29 Apr 2021 15:37

Tgt Ion:	152	Resp:	316131
Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.3	87.8
150	158.7	0.0	347.6

