

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068525.D
 Acq On : 04 Mar 2021 15:09
 Operator : VA/SY
 Sample : M1568-05
 Misc : 4.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NORTHSIDE

Quant Time: Mar 05 00:01:56 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	7.979	168	355644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	623909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	595380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	274828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	178857	50.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.66%	
35) Dibromofluoromethane	7.914	113	189322	50.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.74%	
50) Toluene-d8	10.344	98	779548	52.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.14%	
62) 4-Bromofluorobenzene	12.632	95	255969	53.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.10%	

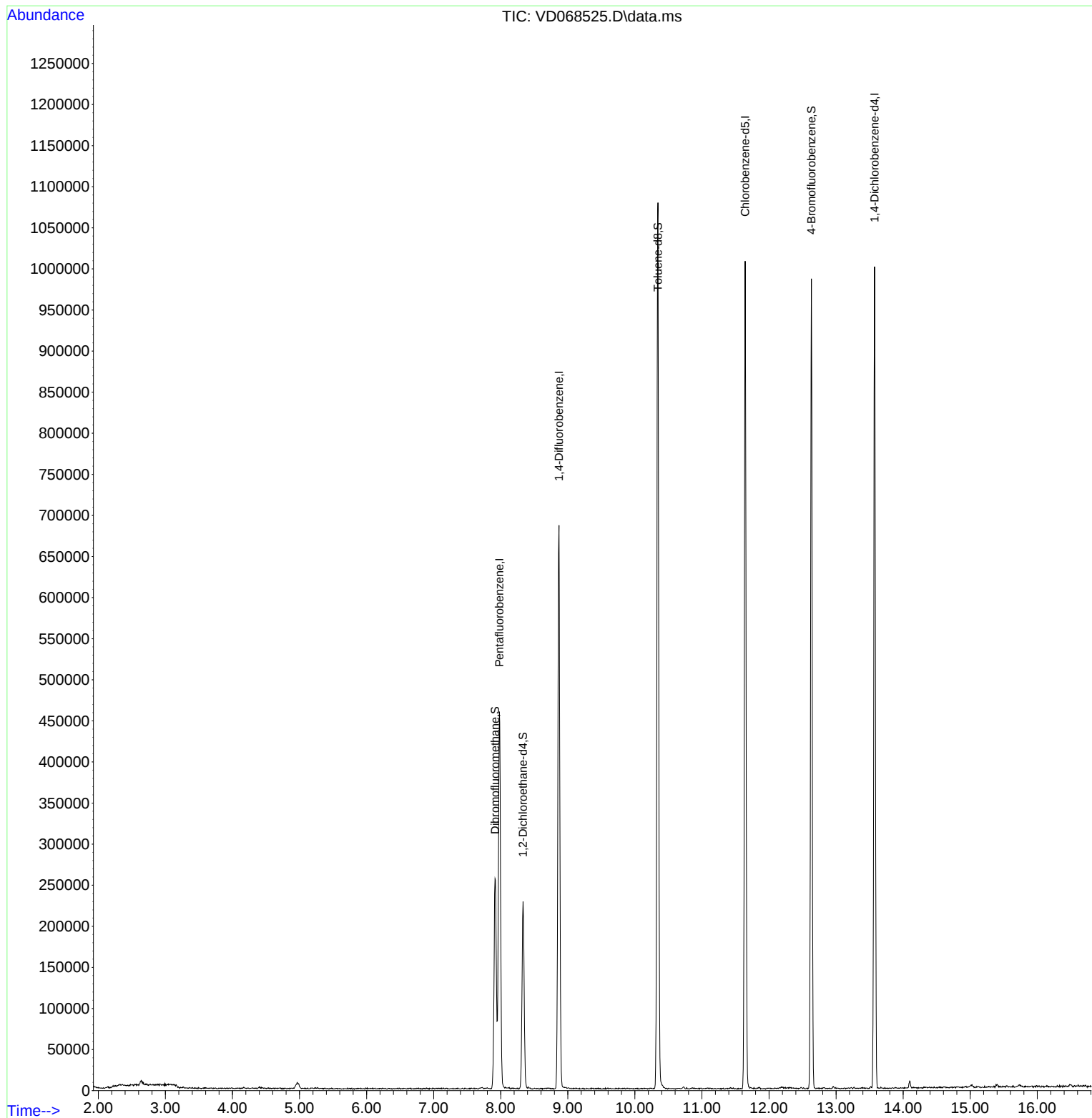
Target Compounds	Qvalue

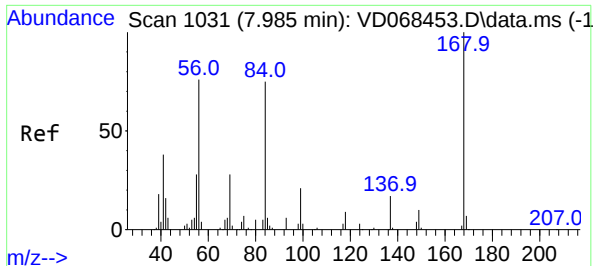
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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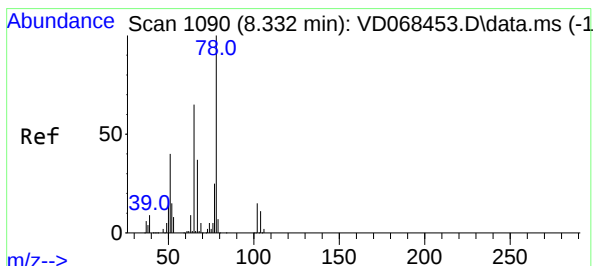
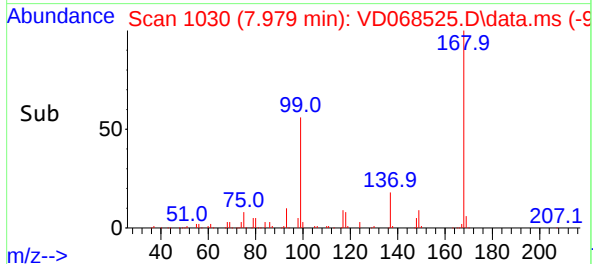
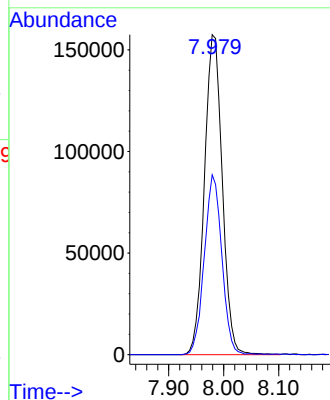
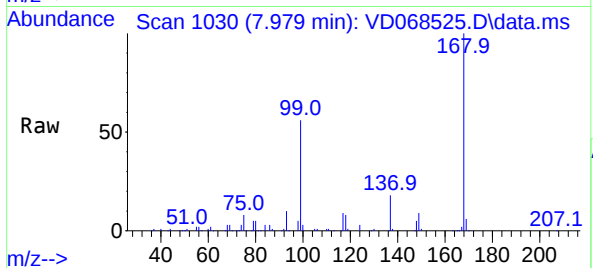




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD068525.D
 Acq: 04 Mar 2021 15:09

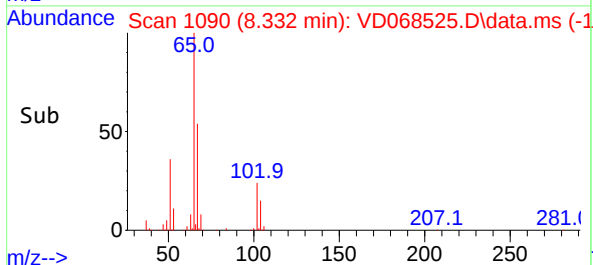
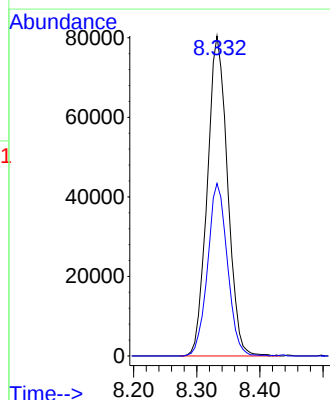
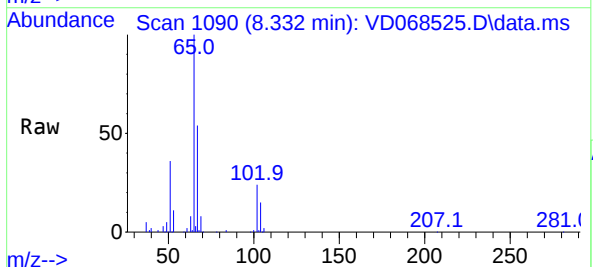
Instrument :
 MSVOA_D
 ClientSampleId :
 NORTHSIDE

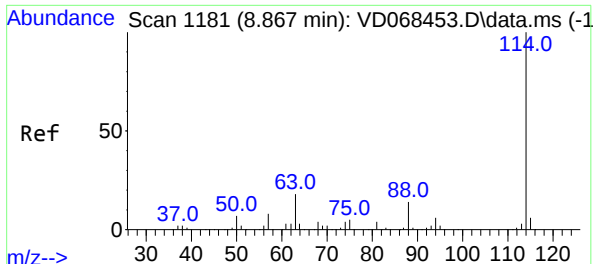
Tgt Ion:168 Resp: 355644
 Ion Ratio Lower Upper
 168 100
 99 56.2 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 50.33 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.001 min
 Lab File: VD068525.D
 Acq: 04 Mar 2021 15:09

Tgt Ion: 65 Resp: 178857
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0

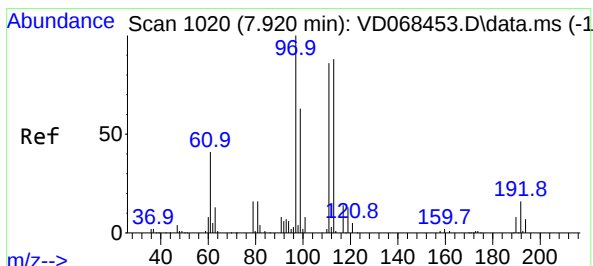
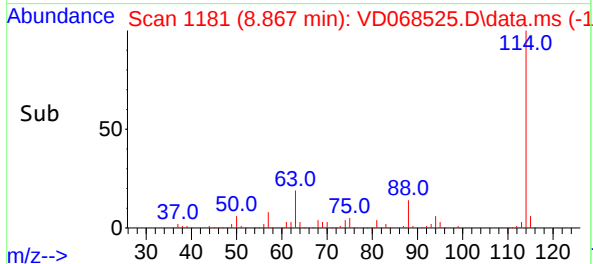
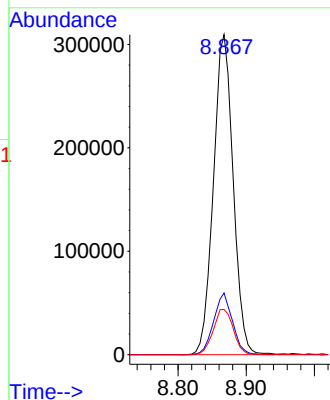
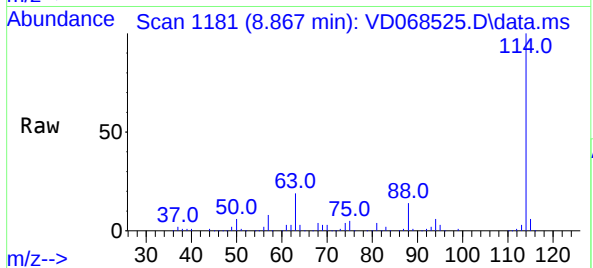




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

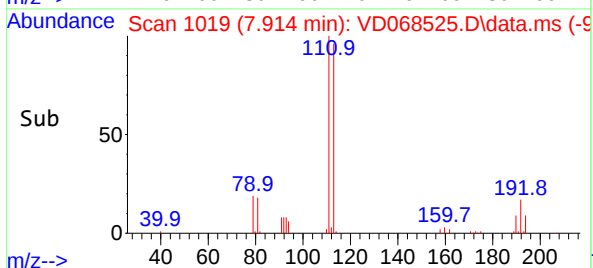
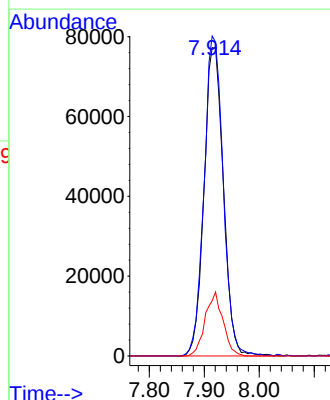
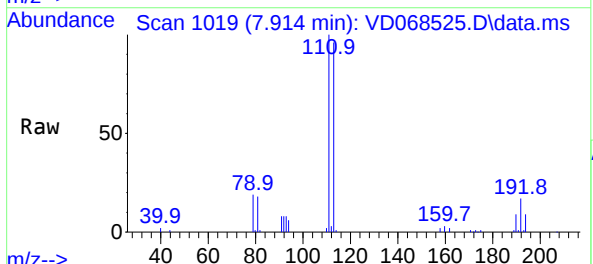
Instrument :
MSVOA_D
ClientSampleId :
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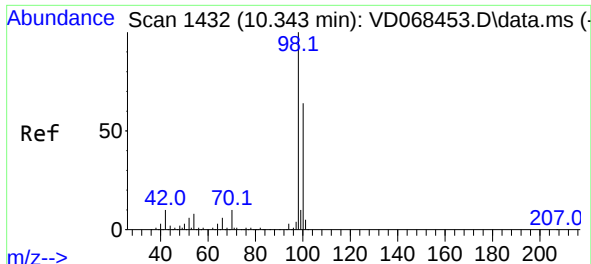
Tgt Ion:114 Resp: 623909
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 14.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion:113 Resp: 189322
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.0 16.1 24.1

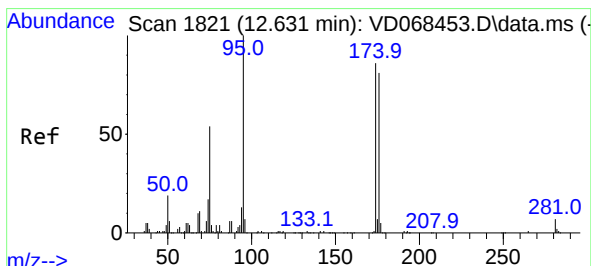
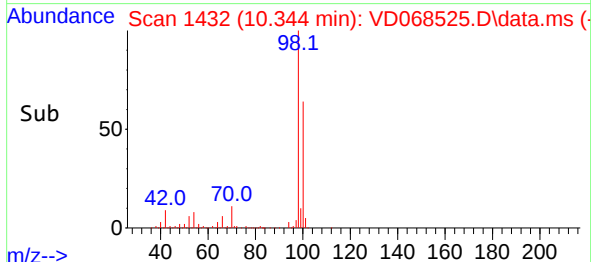
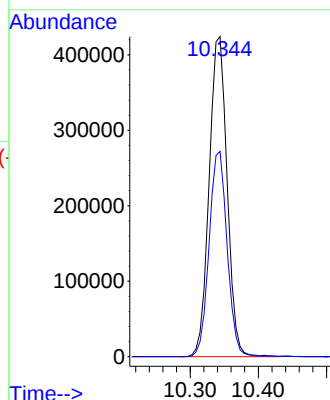
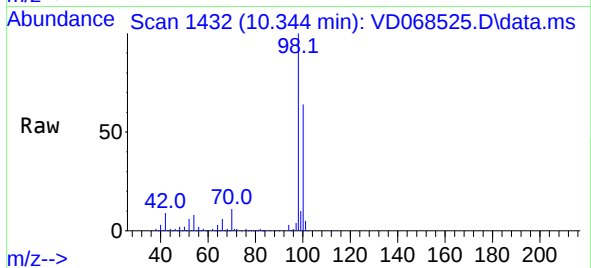




#50
Toluene-d8
Concen: 52.07 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

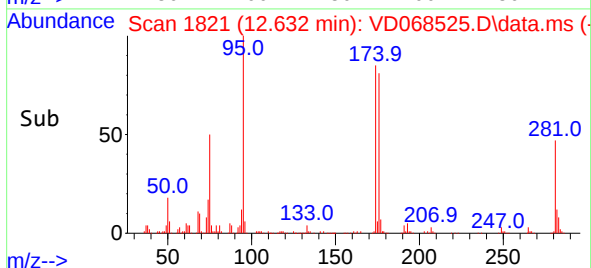
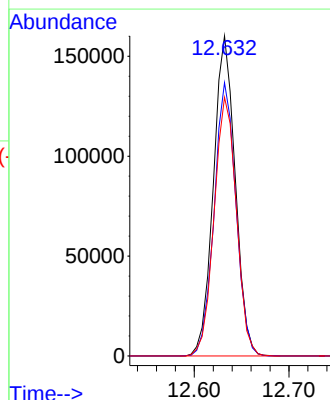
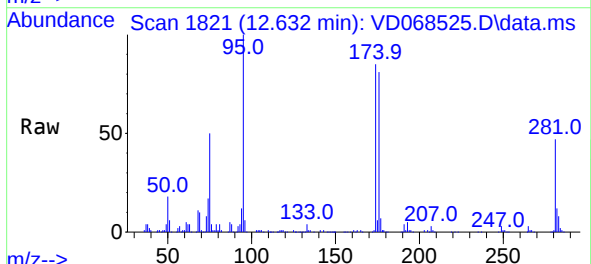
Instrument :
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ClientSampleId :
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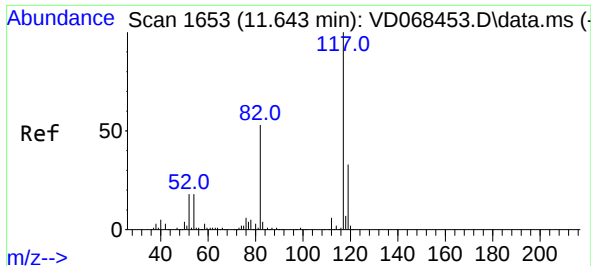
Tgt Ion: 98 Resp: 779548
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion: 95 Resp: 255969
Ion Ratio Lower Upper
95 100
174 85.3 0.0 172.4
176 82.5 0.0 168.4

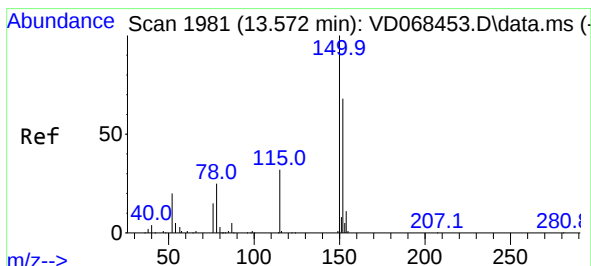
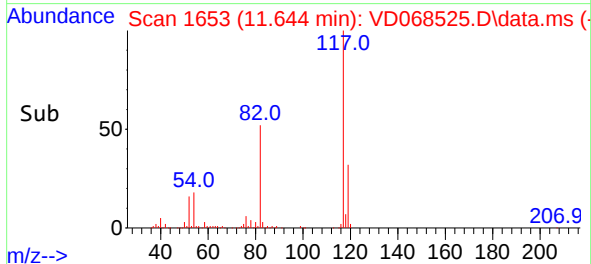
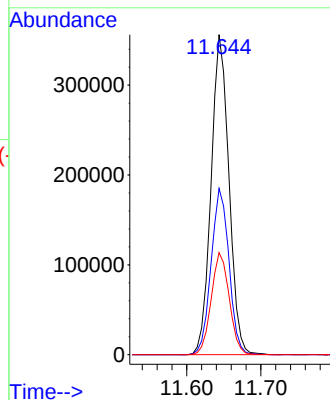
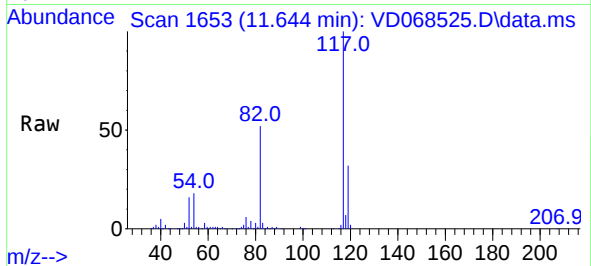




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068525.D
Acq: 04 Mar 2021 15:09

Instrument :
MSVOA_D
ClientSampleId :
NORTHSIDE

Tgt Ion:	117	Resp:	595380
Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.4	62.0
119	31.9	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: VD068525.D
Acq: 04 Mar 2021 15:09

Tgt Ion:	152	Resp:	274828
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.9	86.8
150	158.1	0.0	344.4

