

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068523.D
 Acq On : 04 Mar 2021 14:12
 Operator : VA/SY
 Sample : M1568-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTHSIDE

Quant Time: Mar 05 00:01:25 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)

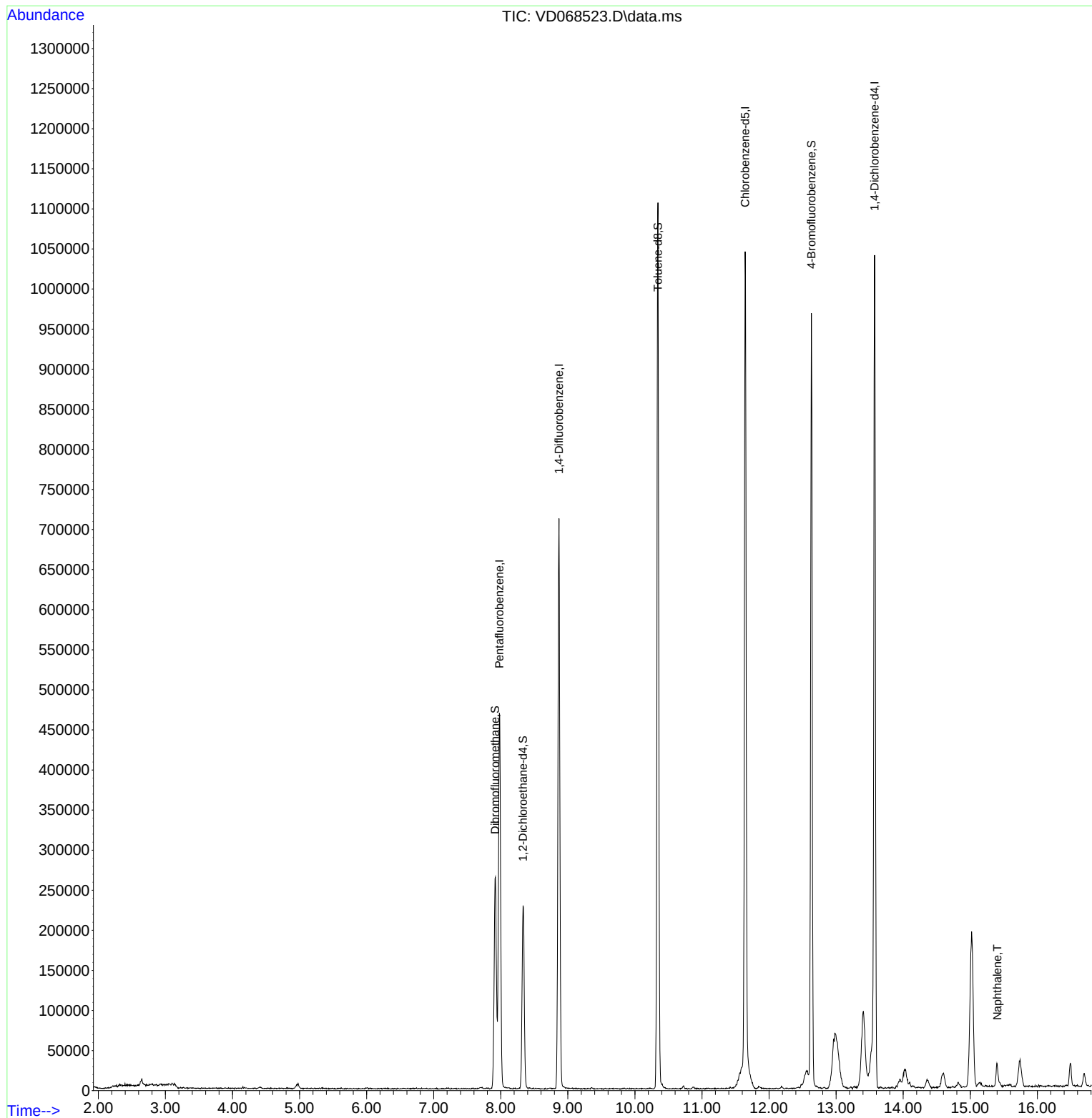
Internal Standards						
1) Pentafluorobenzene	7.979	168	363583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	633934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	612706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	295099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182072	50.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.24%	
35) Dibromofluoromethane	7.914	113	192712	50.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.92%	
50) Toluene-d8	10.343	98	790184	51.95	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.90%	
62) 4-Bromofluorobenzene	12.632	95	264293	53.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.82%	
Target Compounds						
95) Naphthalene	15.402	128	24920	2.15	ug/l	Qvalue 96

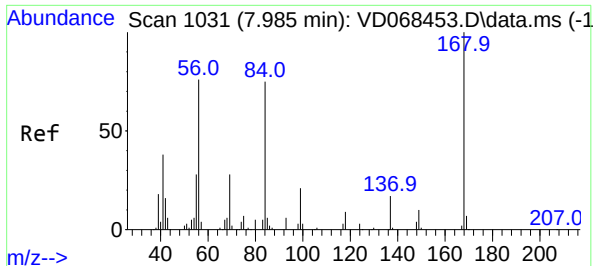
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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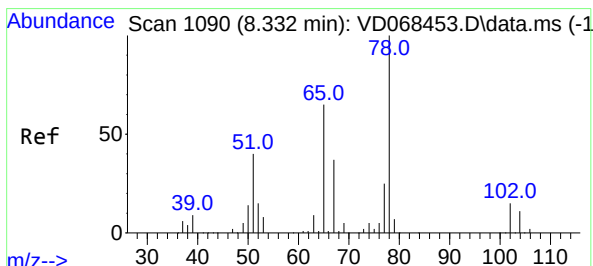
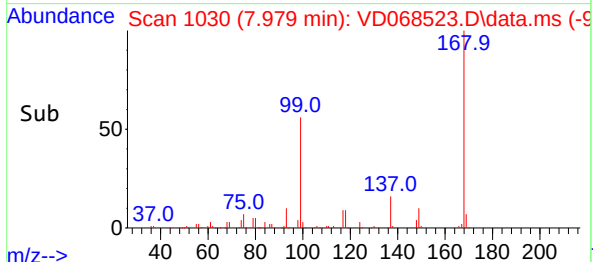
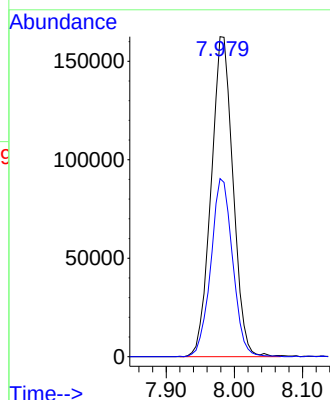
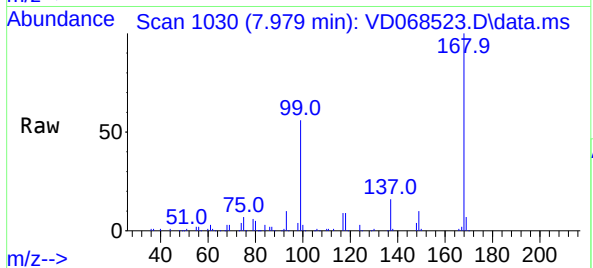




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD068523.D
 Acq: 04 Mar 2021 14:12

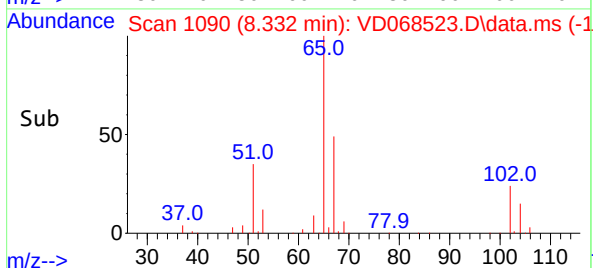
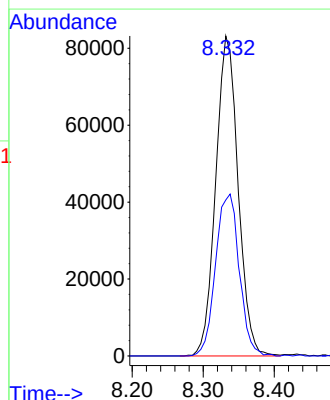
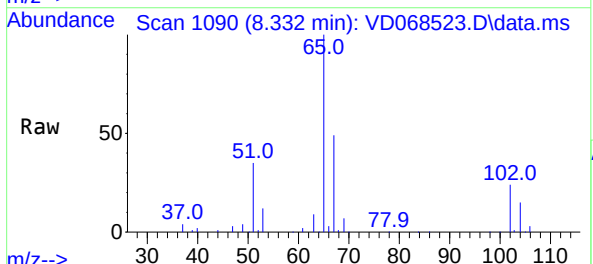
Instrument :
 MSVOA_D
 ClientSampleId :
 SOUTHSIDE

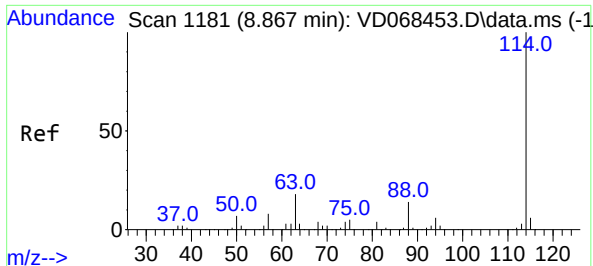
Tgt Ion:168 Resp: 363583
 Ion Ratio Lower Upper
 168 100
 99 55.5 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 50.12 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD068523.D
 Acq: 04 Mar 2021 14:12

Tgt Ion: 65 Resp: 182072
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



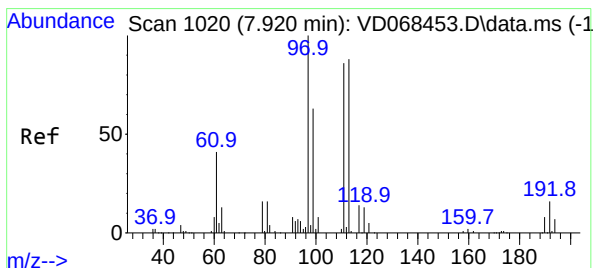
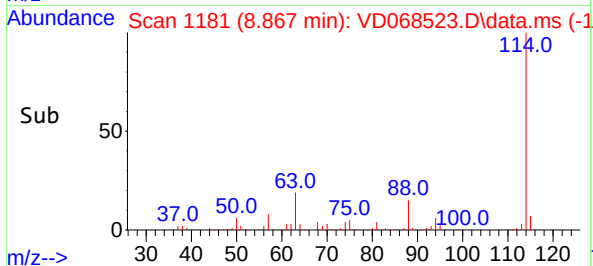
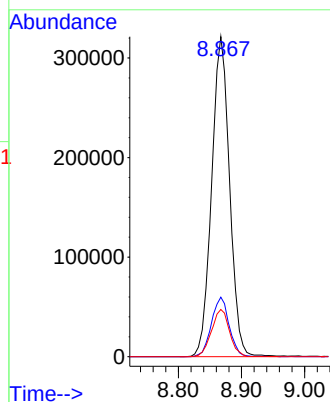
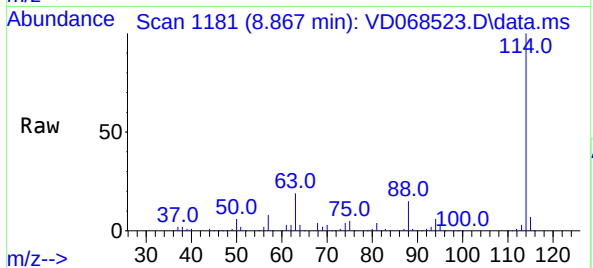


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Instrument :
MSVOA_D
ClientSampleId :
SOUTHSIDE

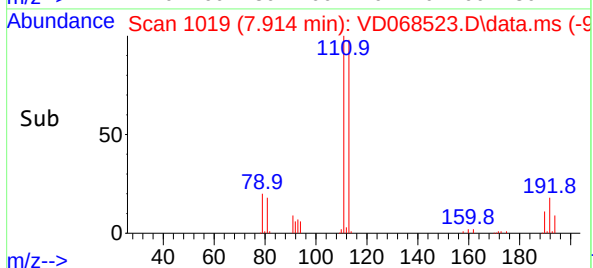
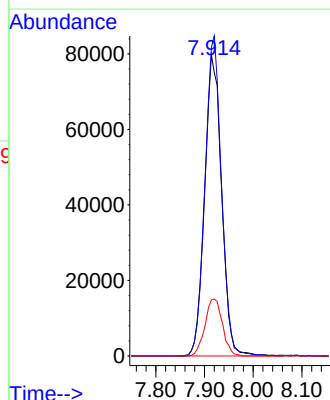
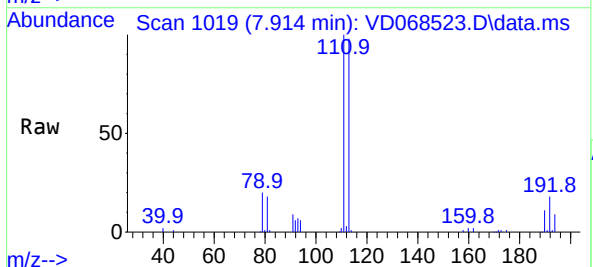
Tgt Ion:114 Resp: 633934
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.8
88 14.7 0.0 31.6

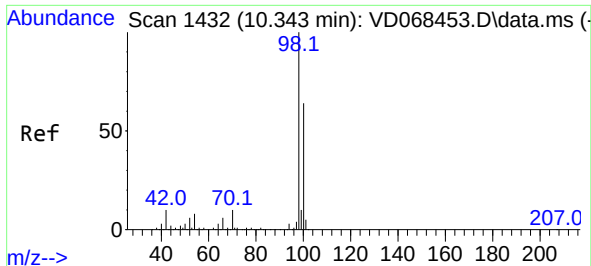


#35

Dibromofluoromethane
Concen: 50.46 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion:113 Resp: 192712
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.5 16.1 24.1

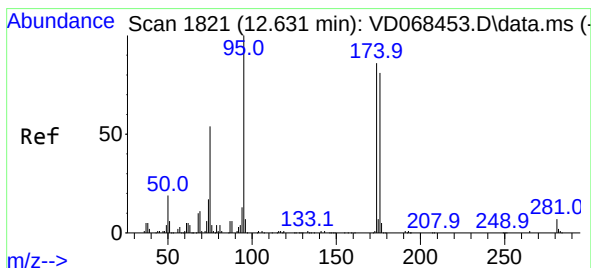
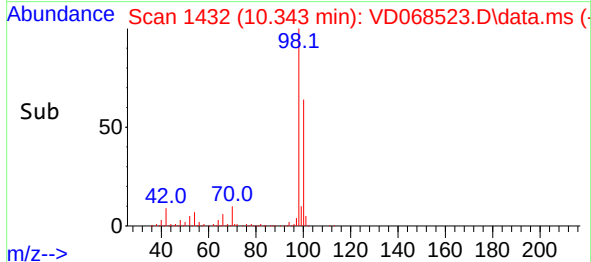
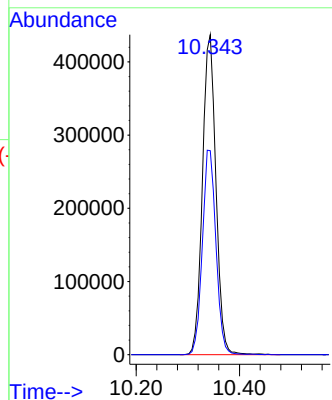
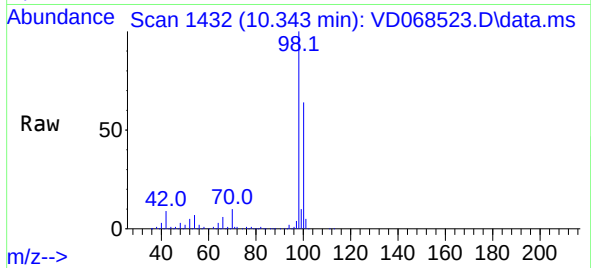




#50
Toluene-d8
Concen: 51.95 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

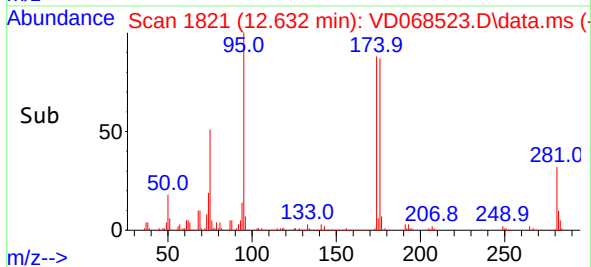
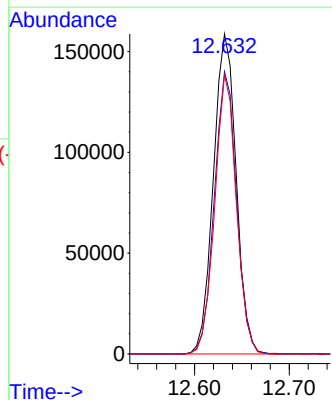
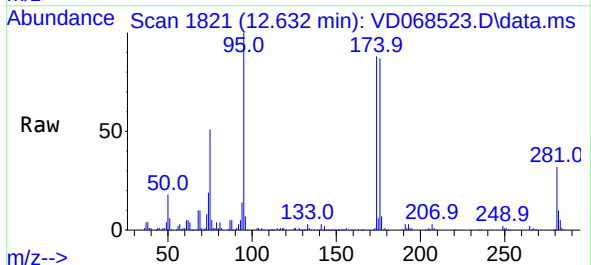
Instrument :
MSVOA_D
ClientSampleId :
SOUTHSIDE

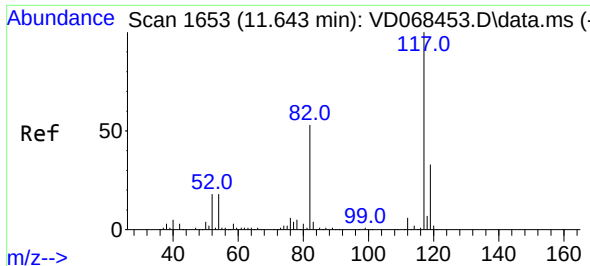
Tgt Ion: 98 Resp: 790184
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion: 95 Resp: 264293
Ion Ratio Lower Upper
95 100
174 86.6 0.0 172.4
176 82.9 0.0 168.4



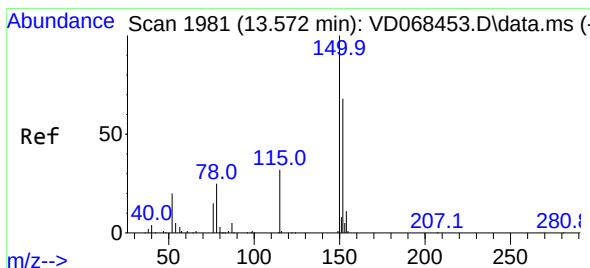
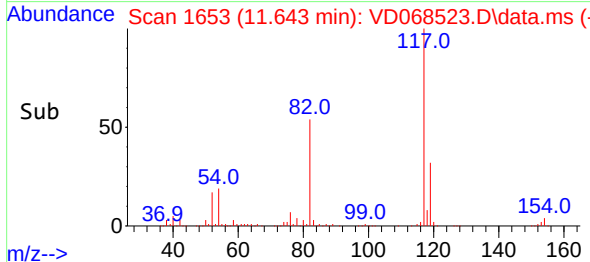
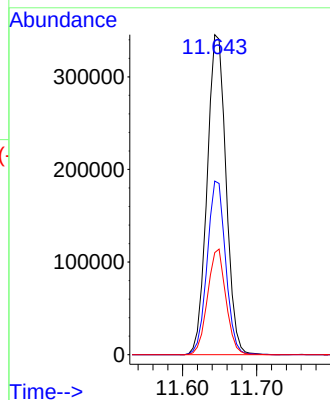
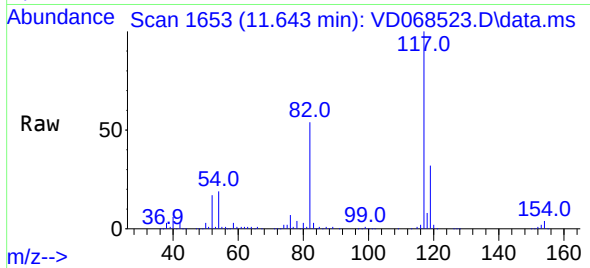


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Instrument :
MSVOA_D
ClientSampleId :
SOUTHSIDE

Tgt Ion:117 Resp: 612706

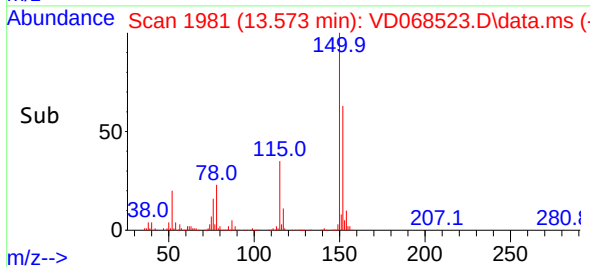
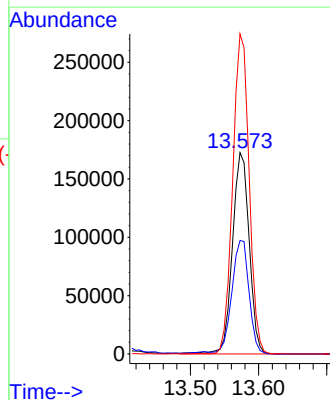
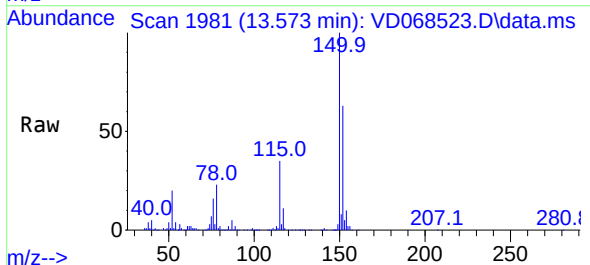
Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.4	62.0
119	31.9	26.1	39.1

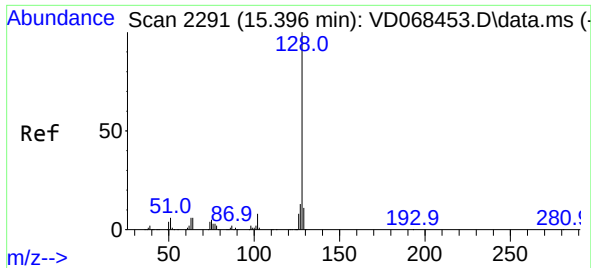


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Tgt Ion:152 Resp: 295099

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.9	86.8
150	155.4	0.0	344.4





#95
Naphthalene
Concen: 2.15 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068523.D
Acq: 04 Mar 2021 14:12

Instrument :
MSVOA_D
ClientSampleId :
SOUTHSIDE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.2
129	9.2	8.8	13.2

