

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064068.D
 Acq On : 25 Oct 2019 16:33
 Operator : VA/SY
 Sample : K5541-04
 Misc : 6.68G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 153-63-(2)

Quant Time: Oct 26 00:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	156747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	271133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	289425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	132283	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	83011	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
35) Dibromofluoromethane	7.92	113	84844	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.34	98	372248	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.64	95	109207	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	

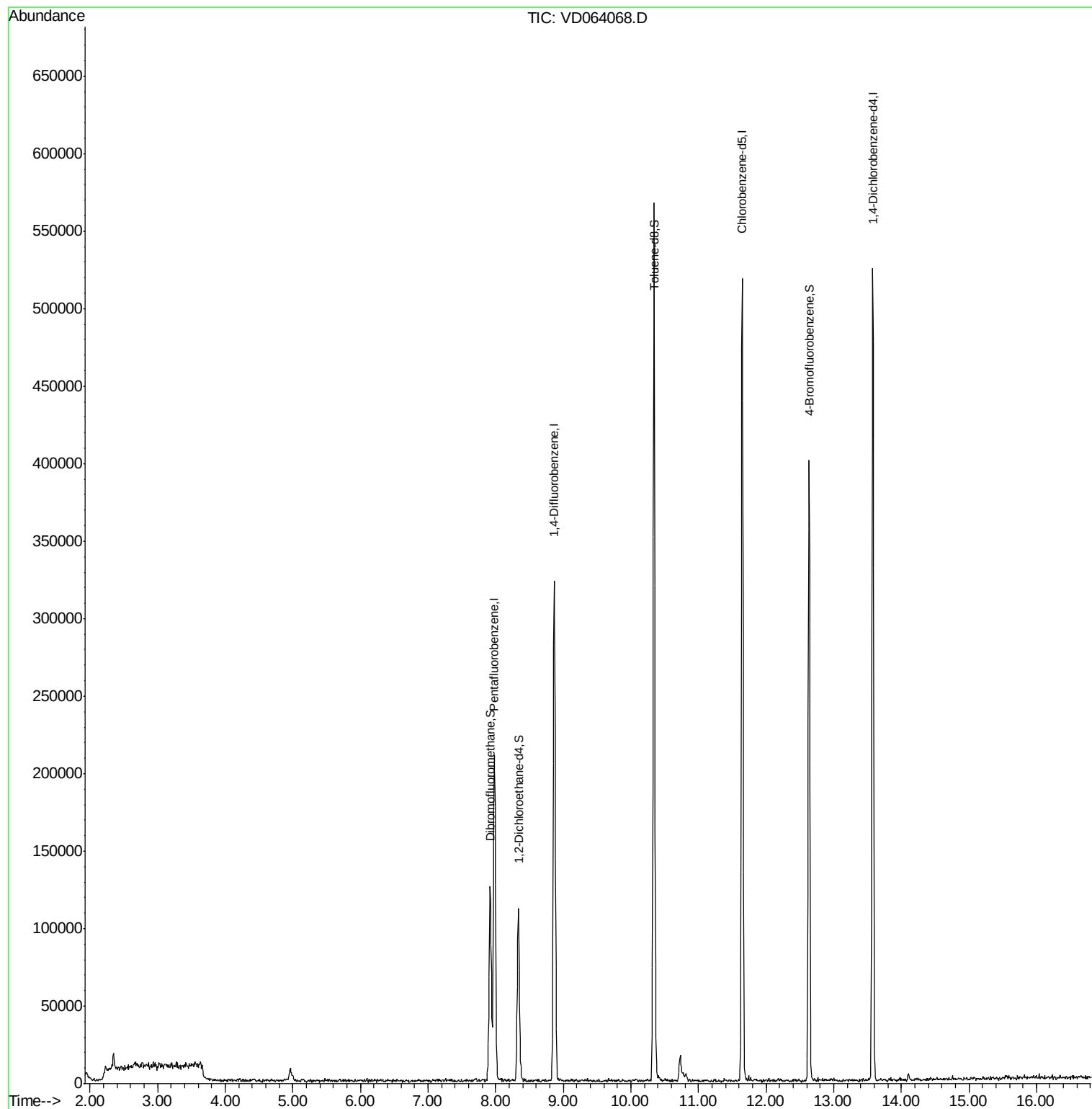
Target Compounds	Qvalue
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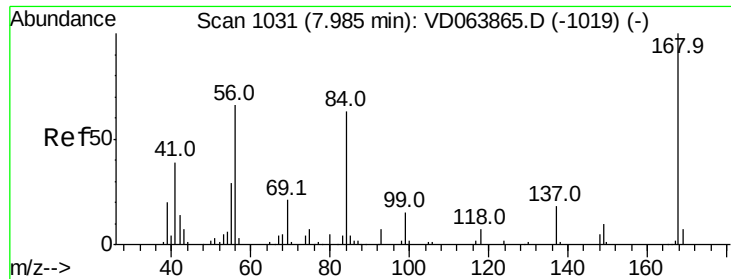
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064068.D

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Instrument :

MSVOA_D

ClientSampleId :

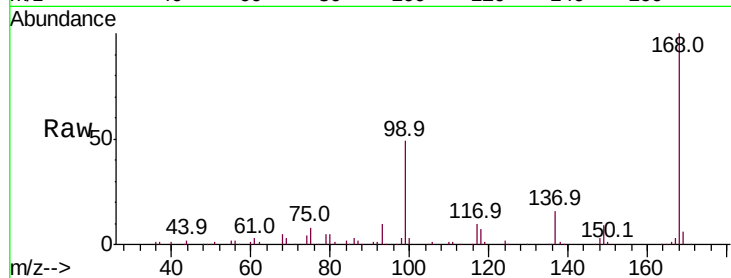
153-63-(2)

Tot Ion:168 Resp: 156747

Ion Ratio Lower Upper

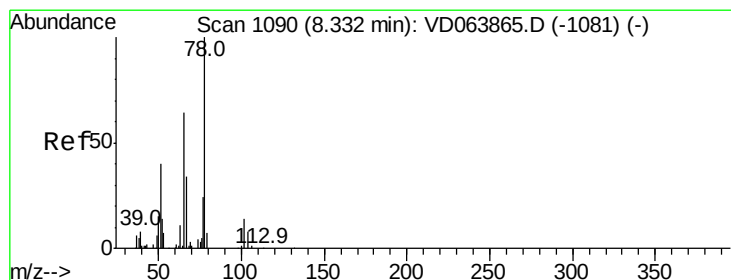
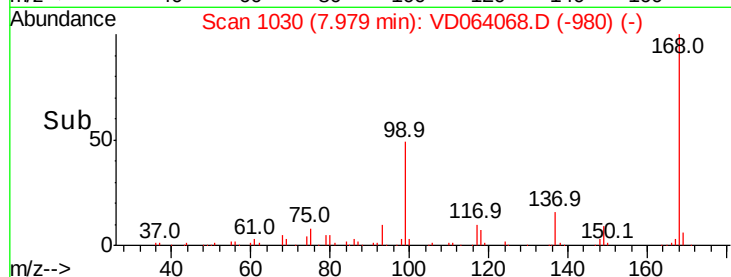
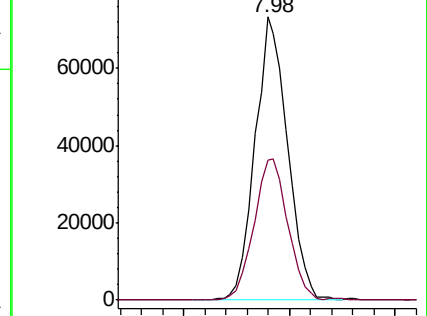
168 100

99 49.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.396 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064068.D

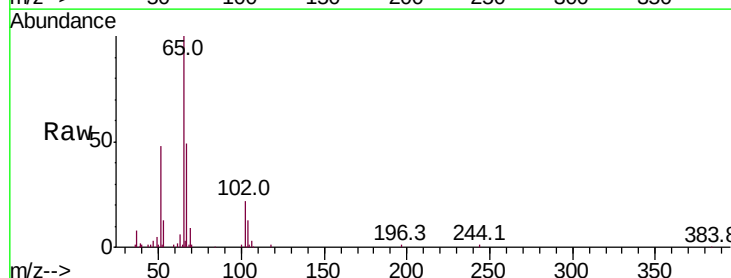
Acq: 25 Oct 2019 16:33

Tgt Ion: 65 Resp: 83011

Ion Ratio Lower Upper

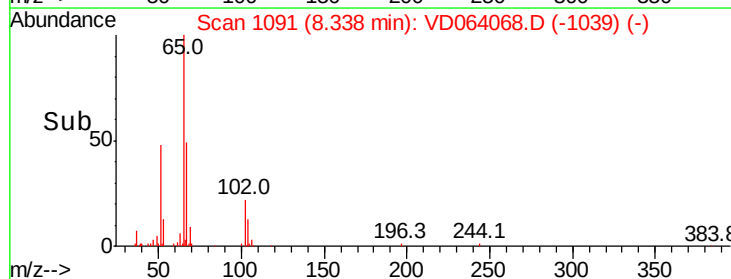
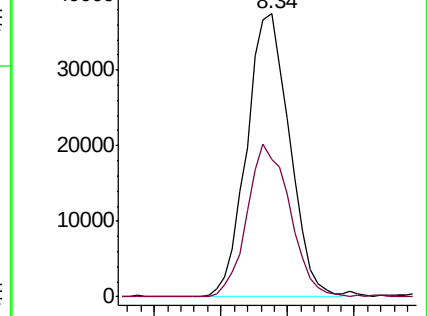
65 100

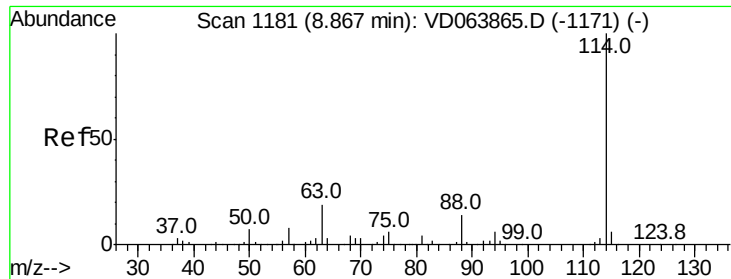
67 54.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

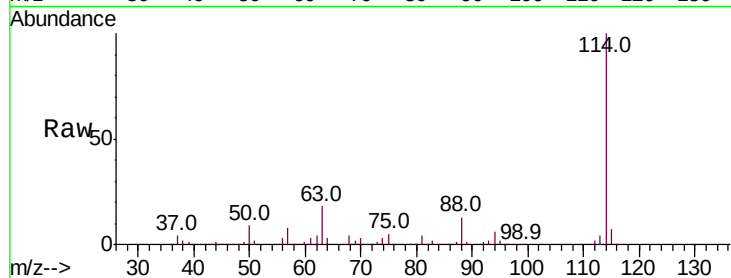




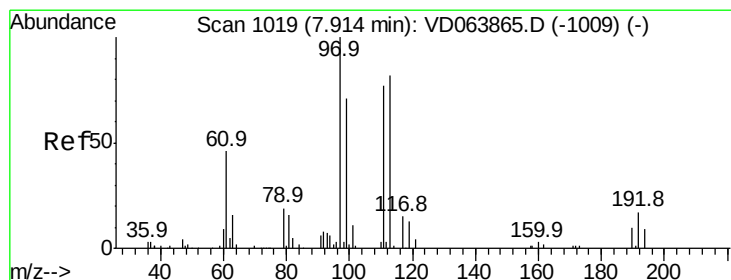
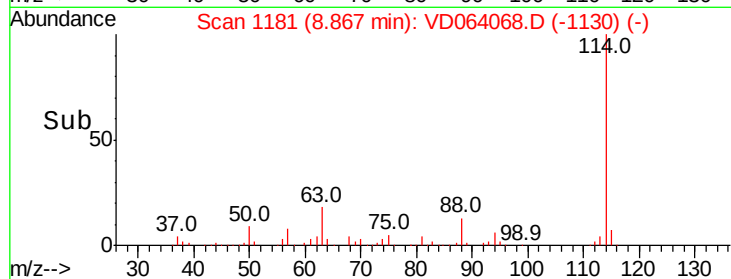
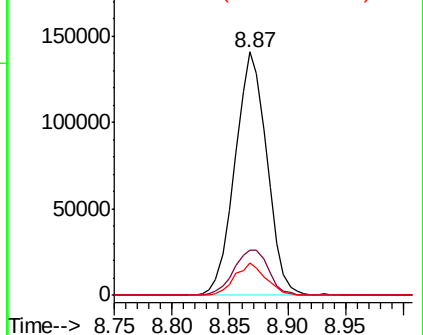
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064068.D
 Acq: 25 Oct 2019 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 153-63-(2)

Tot Ion:114 Resp: 271133
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.4
 88 13.3 0.0 27.4

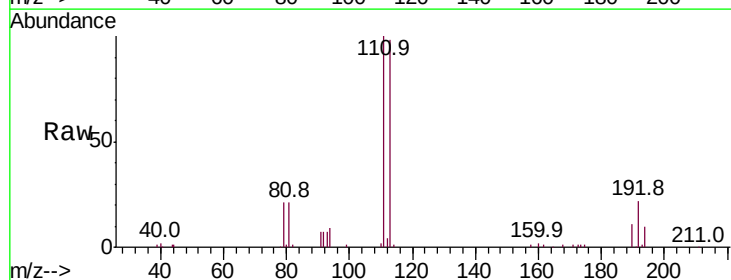


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

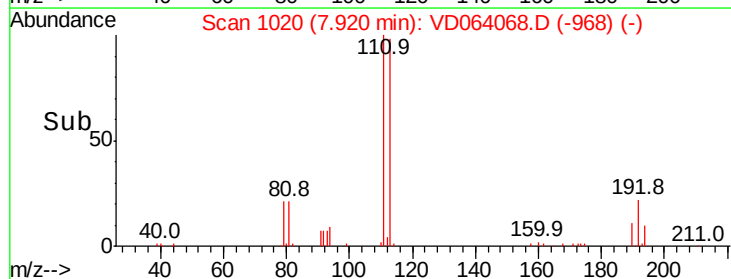
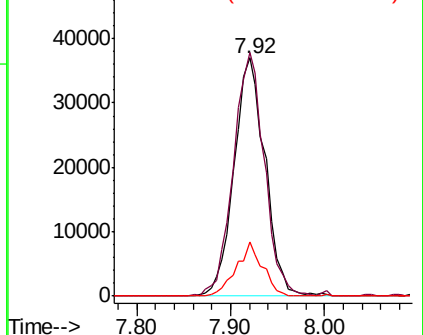


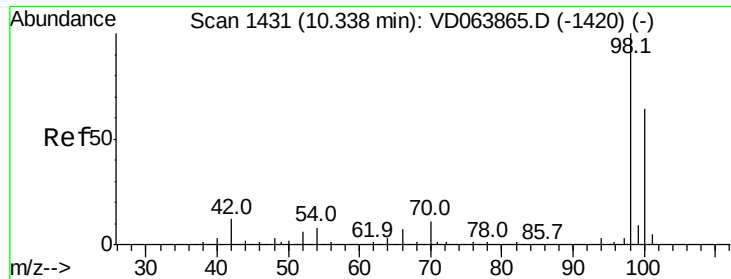
#35
 Dibromofluoromethane
 Concen: 51.204 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064068.D
 Acq: 25 Oct 2019 16:33

Tgt Ion:113 Resp: 84844
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 123.8
 192 19.0 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

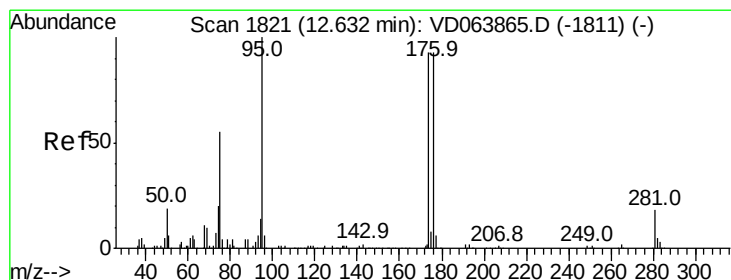
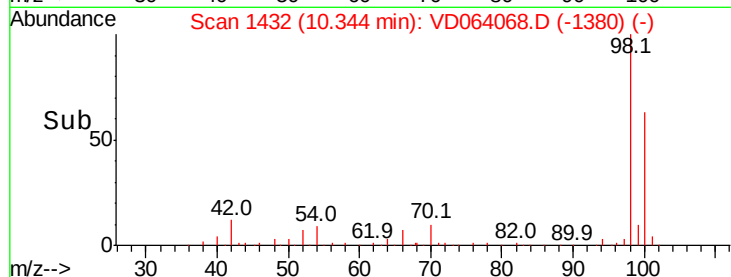
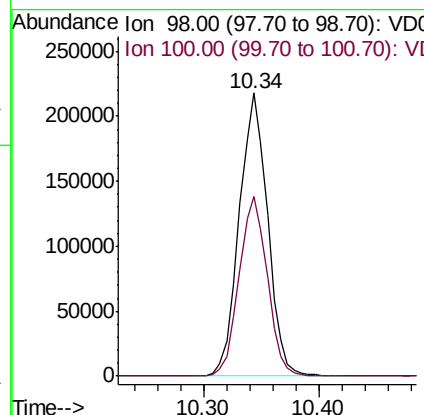
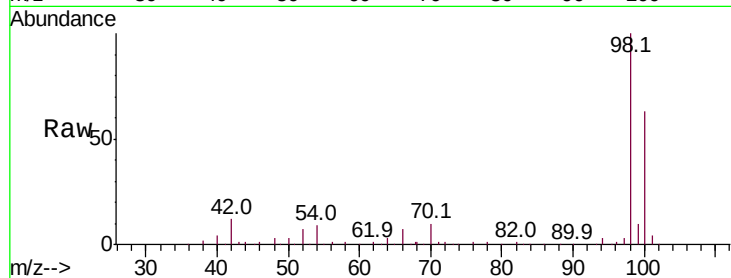




#50
Toluene-d8
Concen: 55.349 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064068.D
Acq: 25 Oct 2019 16:33

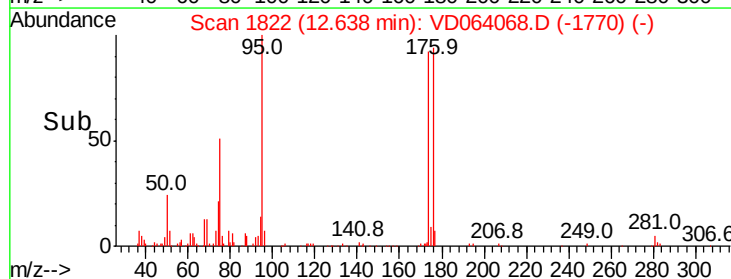
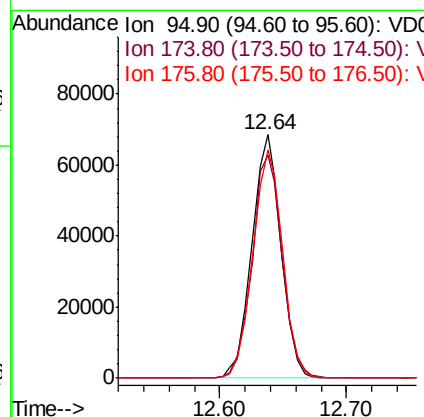
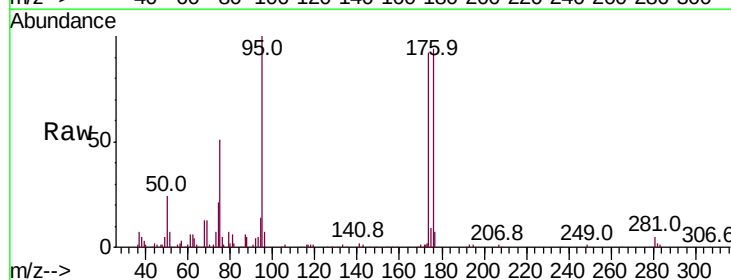
Instrument :
MSVOA_D
ClientSampleId :
153-63-(2)

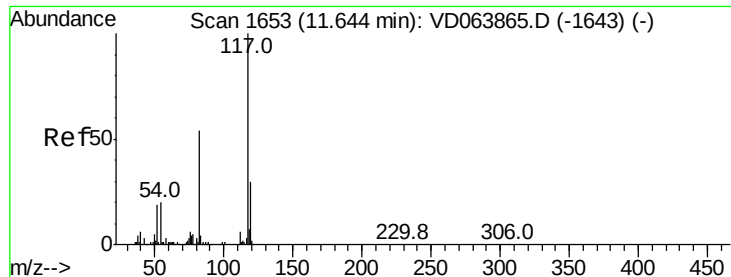
Tot Ion: 98 Resp: 372248
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.728 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064068.D
Acq: 25 Oct 2019 16:33

Tgt Ion: 95 Resp: 109207
Ion Ratio Lower Upper
95 100
174 94.9 0.0 186.4
176 95.8 0.0 184.2

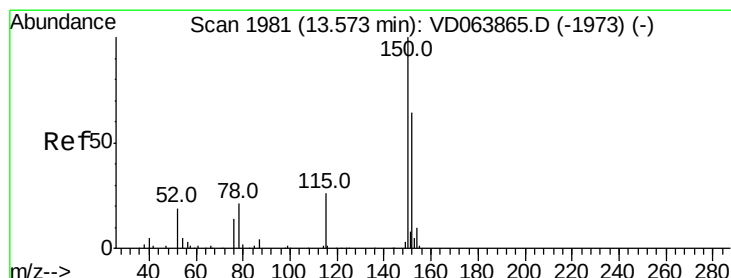
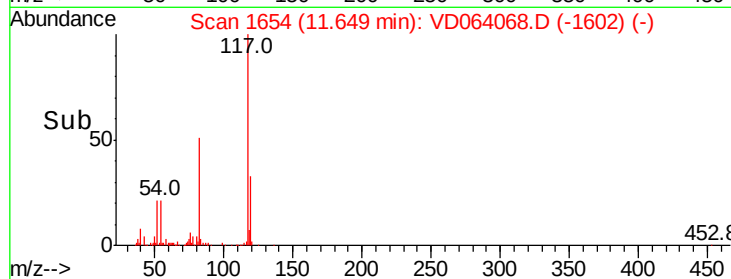
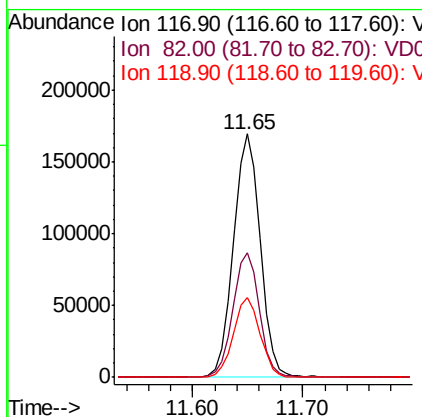
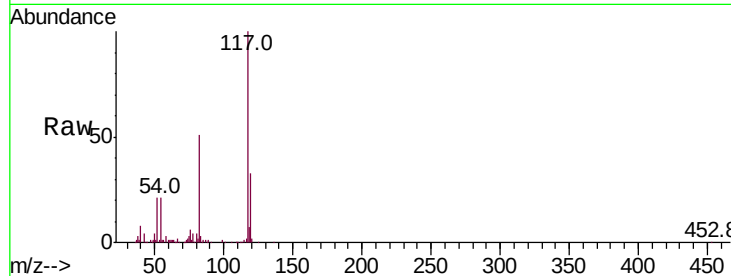




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064068.D
Acq: 25 Oct 2019 16:33

Instrument :
MSVOA_D
ClientSampleId :
153-63-(2)

Tot Ion:117 Resp: 289425
Ion Ratio Lower Upper
117 100
82 51.0 42.8 64.2
119 32.6 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064068.D
Acq: 25 Oct 2019 16:33

Tgt Ion:152 Resp: 132283
Ion Ratio Lower Upper
152 100
115 52.0 25.9 77.7
150 158.1 0.0 344.2

