

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064008.D
 Acq On : 18 Oct 2019 13:57
 Operator : VA/SY
 Sample : K5420-13
 Misc : 5.66G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Quant Time: Oct 19 02:49:44 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	173557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	321021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	315429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	156135	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	97595	57.76	ug/l	0.00
Spiked Amount			Recovery	=	115.52%	
35) Dibromofluoromethane	7.92	113	96754	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.34	98	424467	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.64	95	125906	45.50	ug/l	0.00
Spiked Amount			Recovery	=	91.00%	

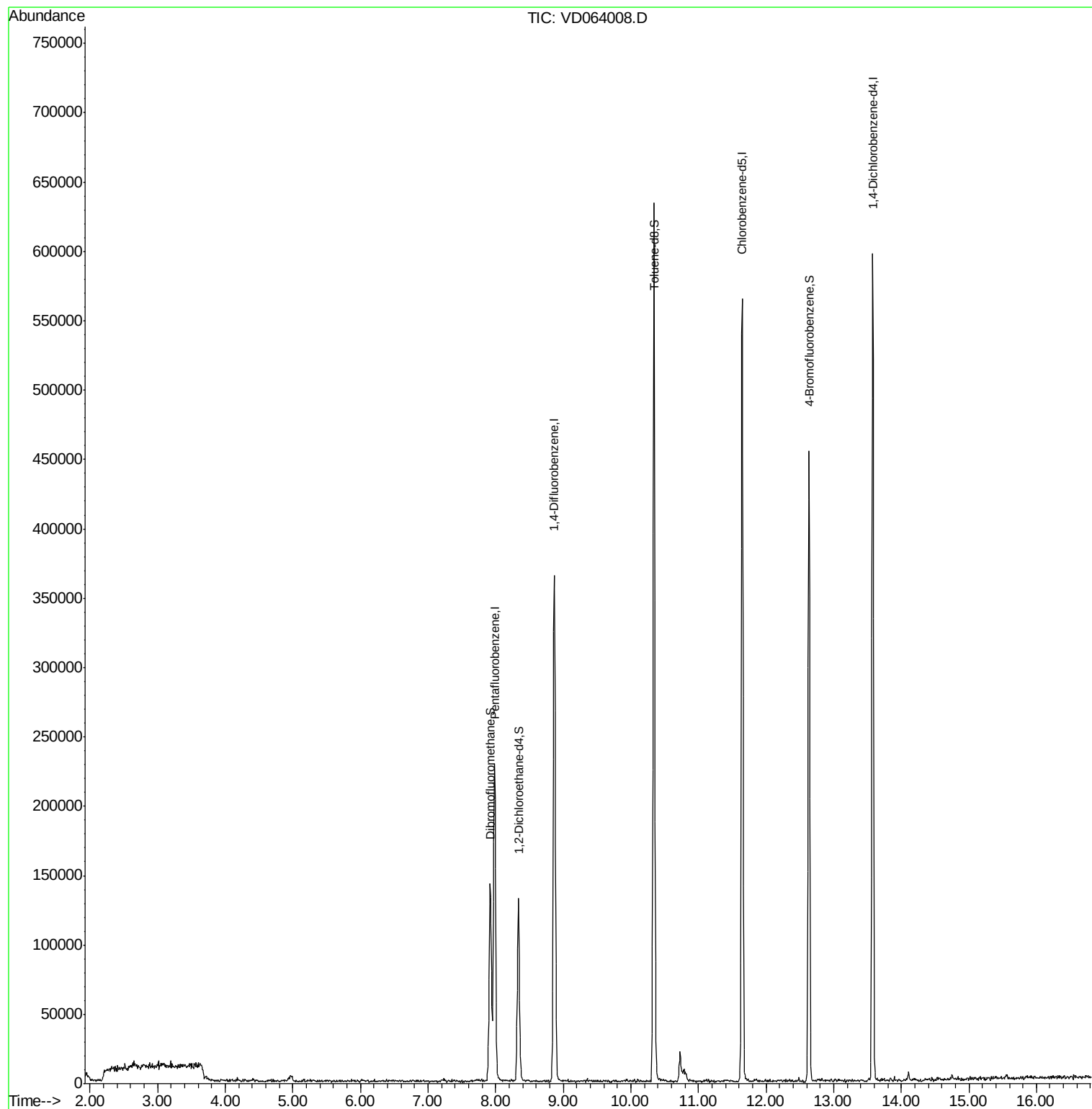
Target Compounds	Qvalue
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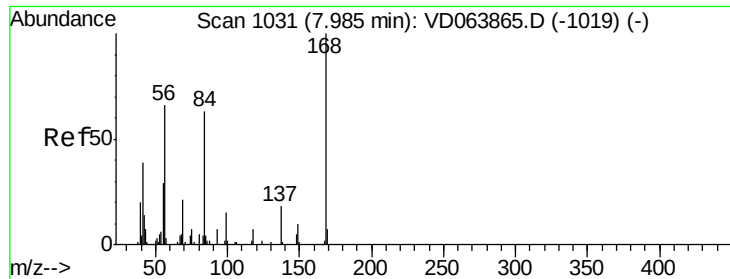
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064008.D

Acq: 18 Oct 2019 13:57

Instrument :

MSVOA_D

ClientSampleId :

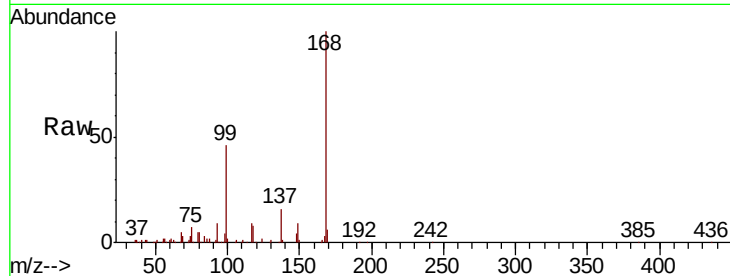
SP-1

Tot Ion:168 Resp: 173557

Ion Ratio Lower Upper

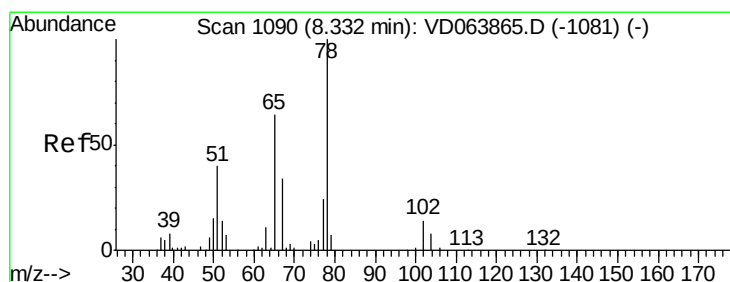
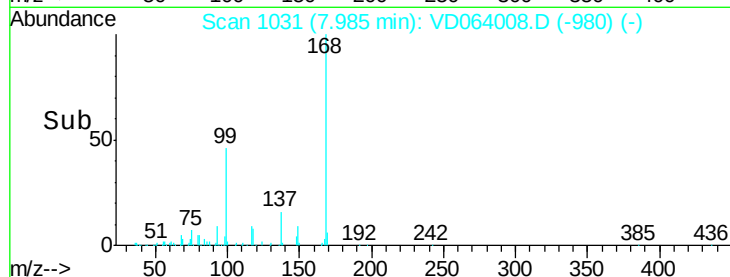
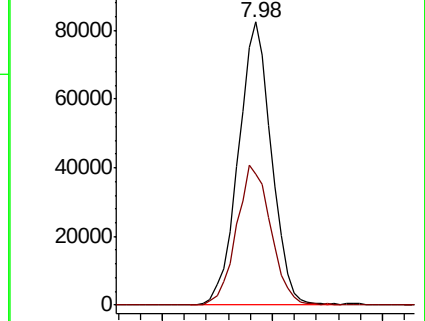
168 100

99 46.1 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: 57.758 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064008.D

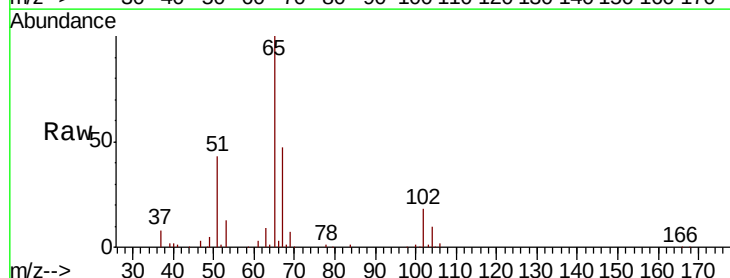
Acq: 18 Oct 2019 13:57

Tgt Ion: 65 Resp: 97595

Ion Ratio Lower Upper

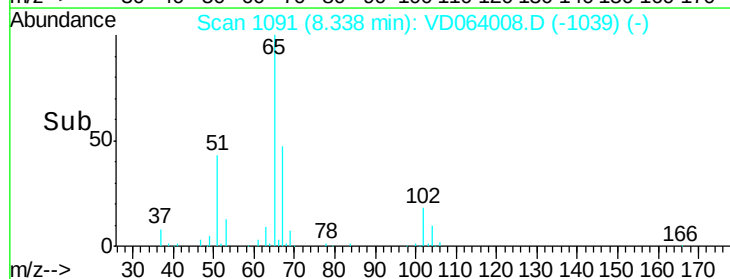
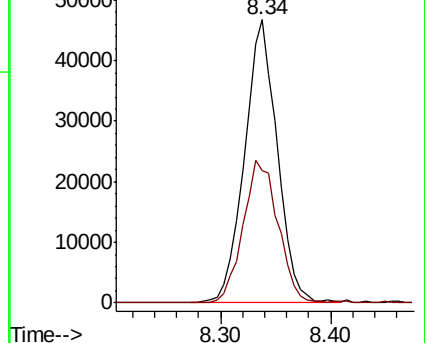
65 100

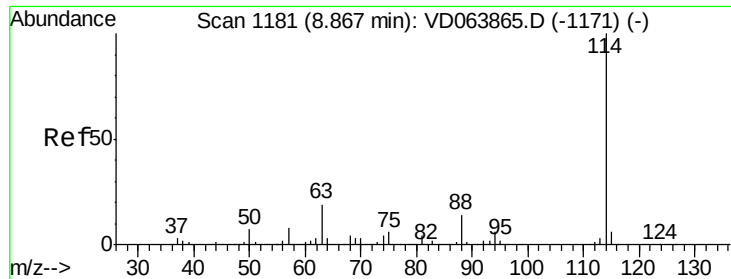
67 53.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

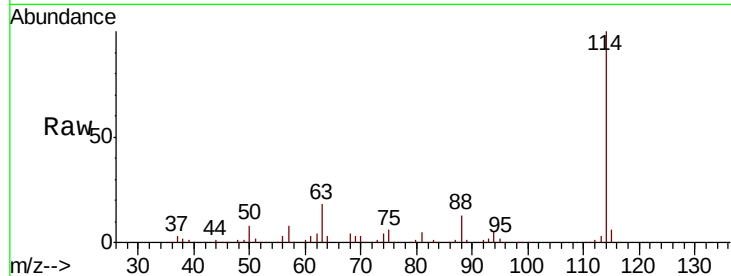




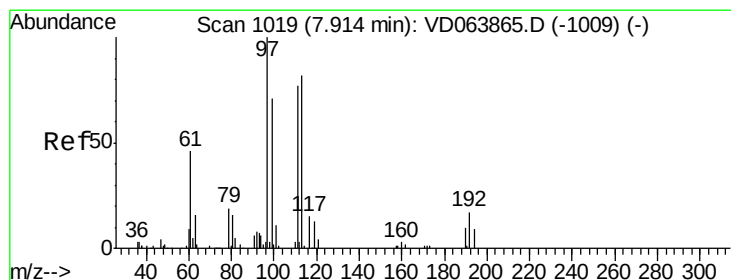
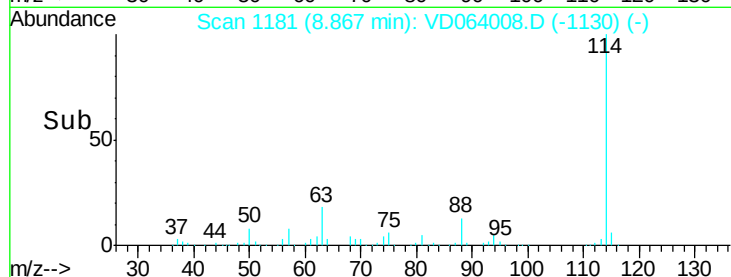
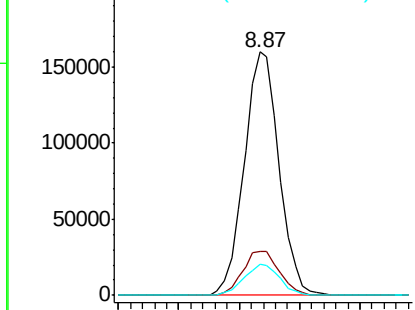
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064008.D
 Acq: 18 Oct 2019 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1

Tot Ion:114 Resp: 321021
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.4
 88 12.7 0.0 27.4

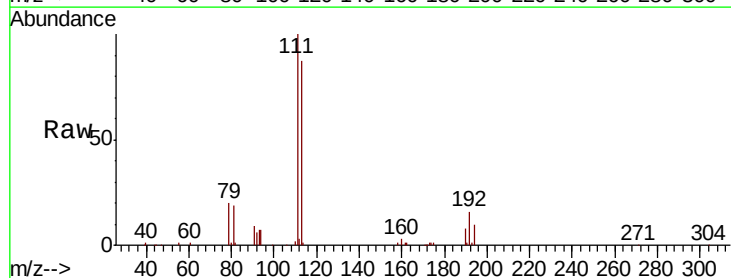


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

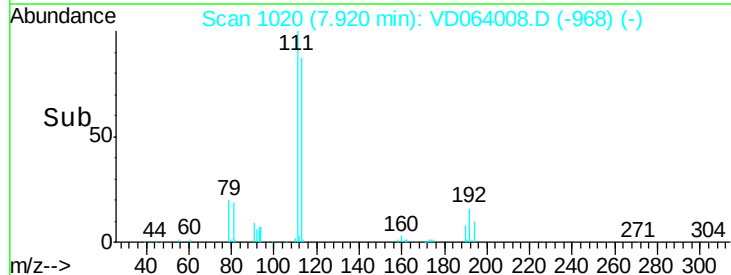
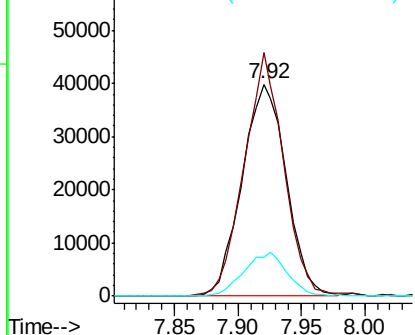


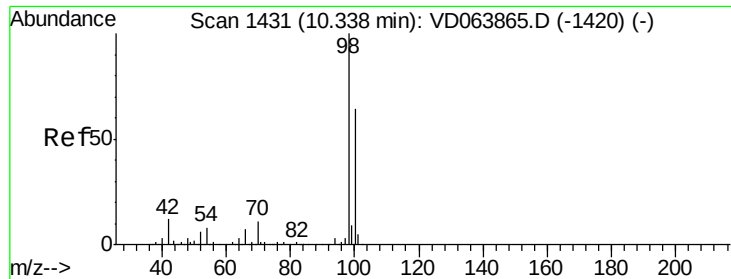
#35
 Dibromofluoromethane
 Concen: 49.318 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064008.D
 Acq: 18 Oct 2019 13:57

Tgt Ion:113 Resp: 96754
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.6 123.8
 192 20.1 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: 53.306 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064008.D

Acq: 18 Oct 2019 13:57

Instrument :

MSVOA_D

ClientSampled :

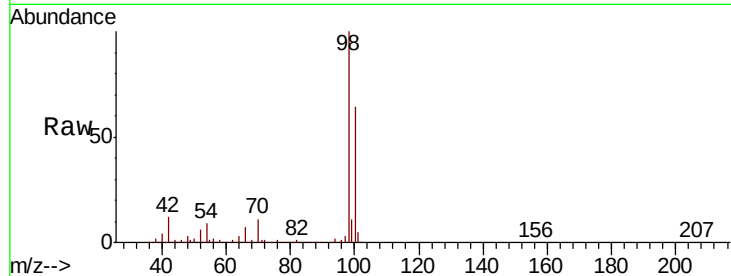
SP-1

Tot Ion: 98 Resp: 424467

Ion Ratio Lower Upper

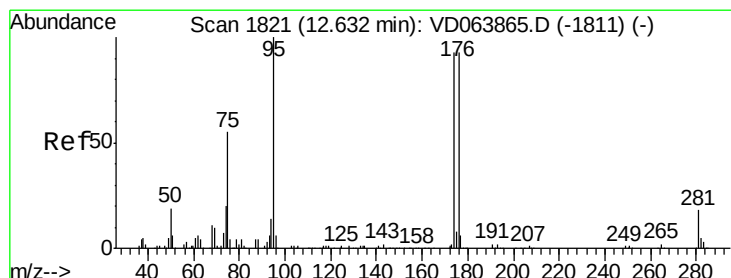
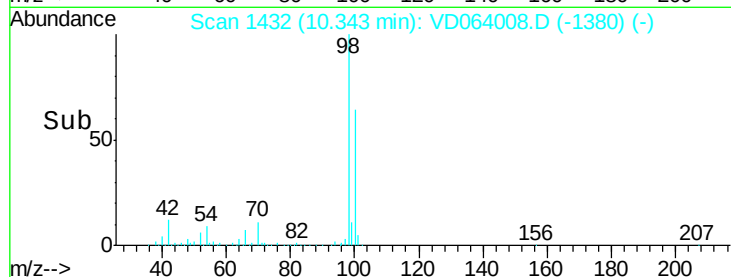
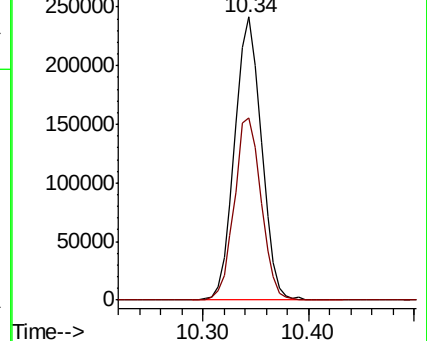
98 100

100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 45.501 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064008.D

Acq: 18 Oct 2019 13:57

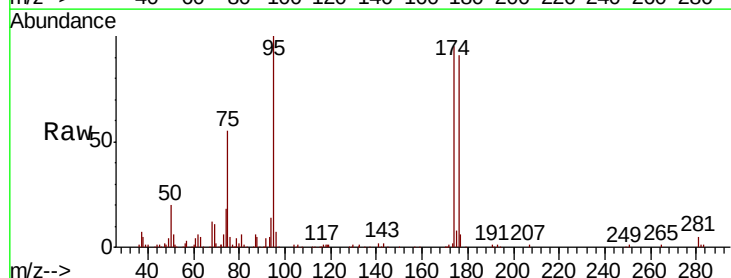
Tgt Ion: 95 Resp: 125906

Ion Ratio Lower Upper

95 100

174 95.1 0.0 186.4

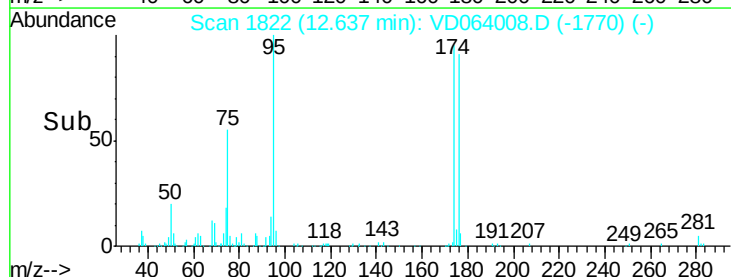
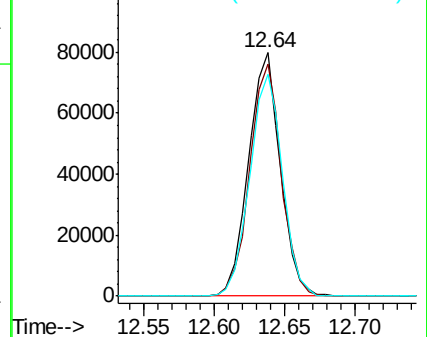
176 93.7 0.0 184.2

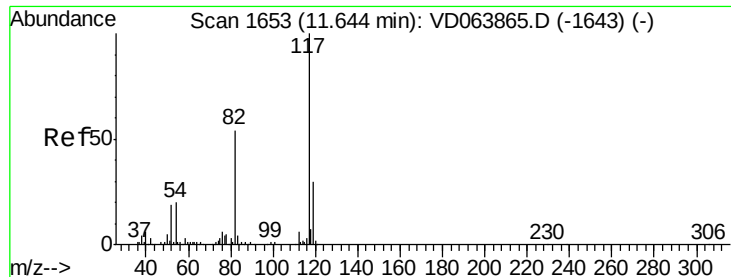


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

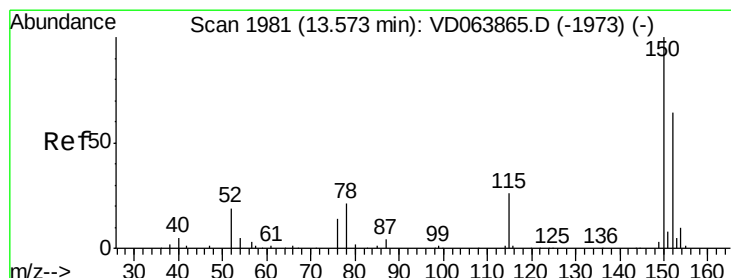
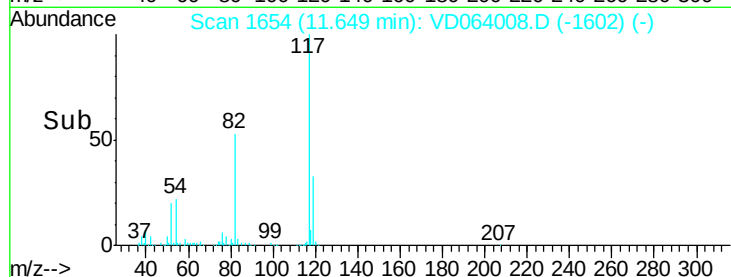
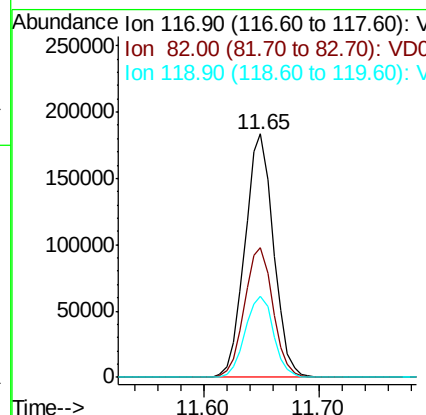
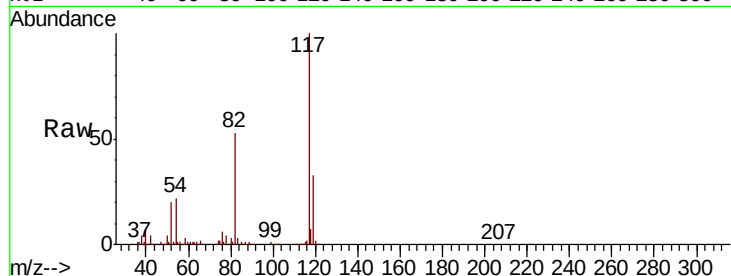




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064008.D
Acq: 18 Oct 2019 13:57

Instrument :
MSVOA_D
ClientSampleId :
SP-1

Tot Ion:117 Resp: 315429
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 33.4 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: VD064008.D
Acq: 18 Oct 2019 13:57

Tgt Ion:152 Resp: 156135
Ion Ratio Lower Upper
152 100
115 52.6 25.9 77.7
150 152.3 0.0 344.2

