

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064069.D
 Acq On : 25 Oct 2019 17:01
 Operator : VA/SY
 Sample : K5153-05
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-102419

Quant Time: Oct 26 00:47:02 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	76770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	131774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	138987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	68660	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	52008	69.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.16%	
35) Dibromofluoromethane	7.93	113	43586	54.12	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.24%	
50) Toluene-d8	10.34	98	171606	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.64	95	52794	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	

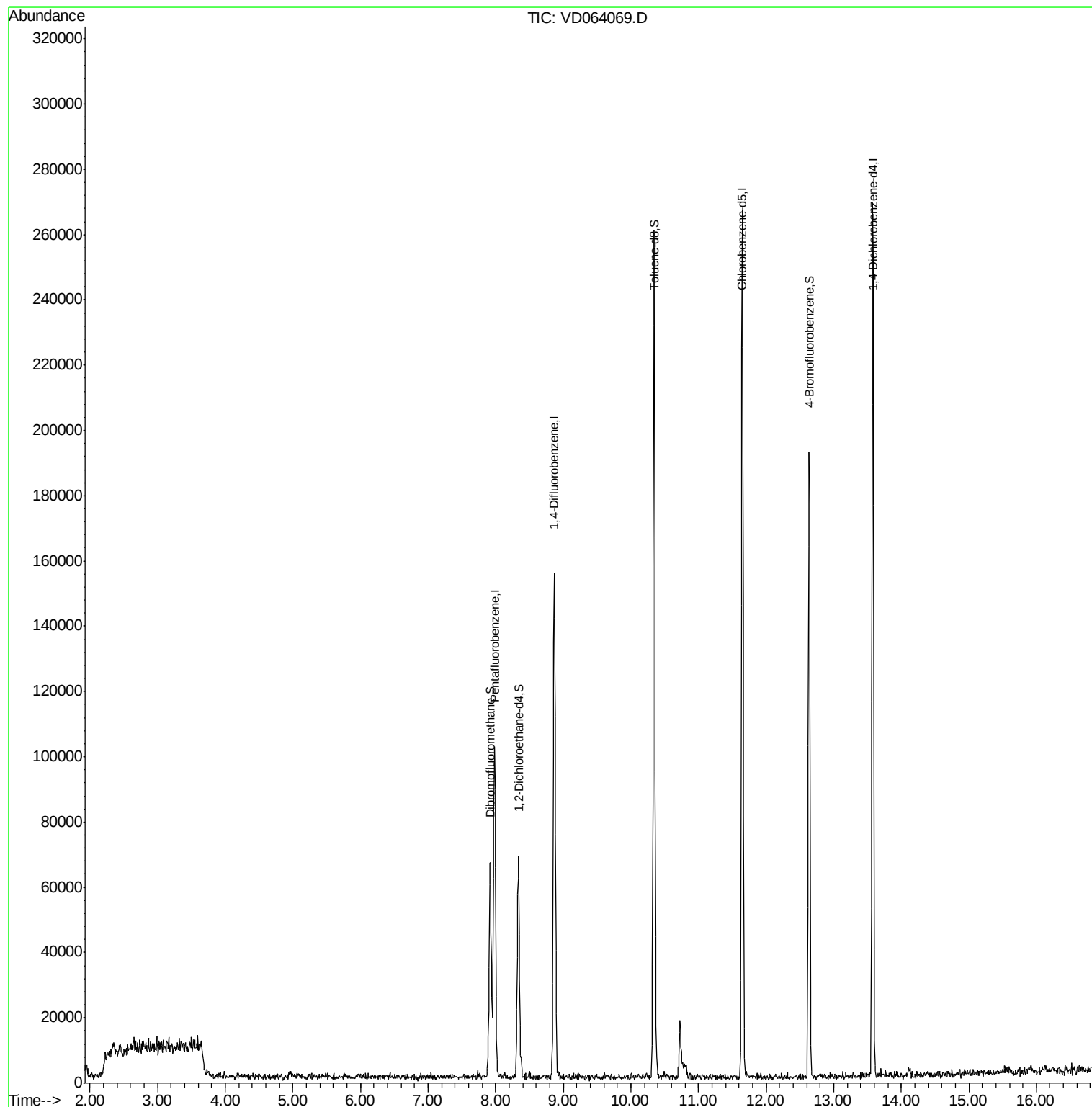
Target Compounds	Qvalue

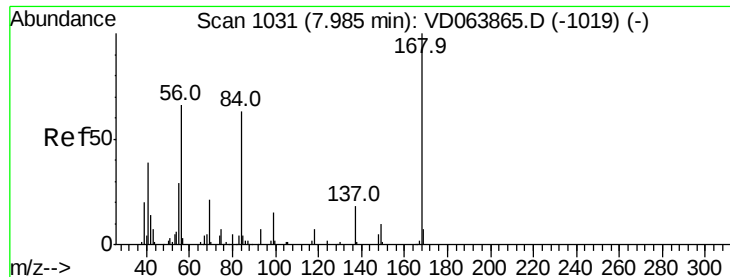
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064069.D

Acq: 25 Oct 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

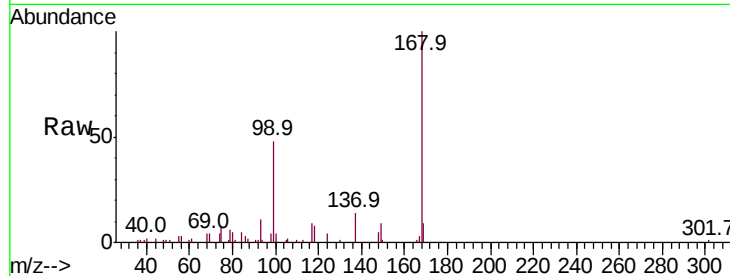
TR-05-102419

Tot Ion:168 Resp: 76770

Ion Ratio Lower Upper

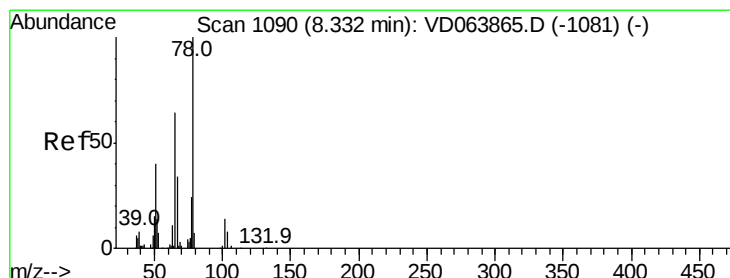
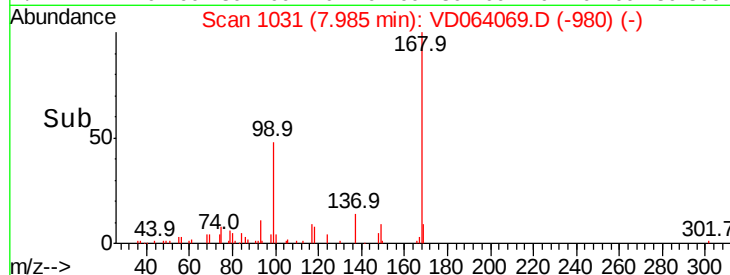
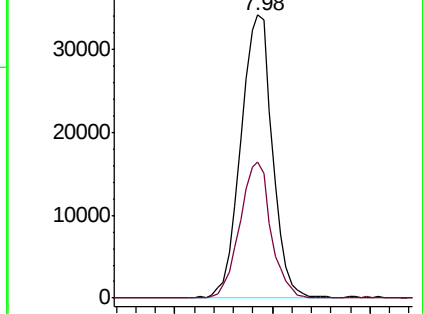
168 100

99 48.0 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: 69.584 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064069.D

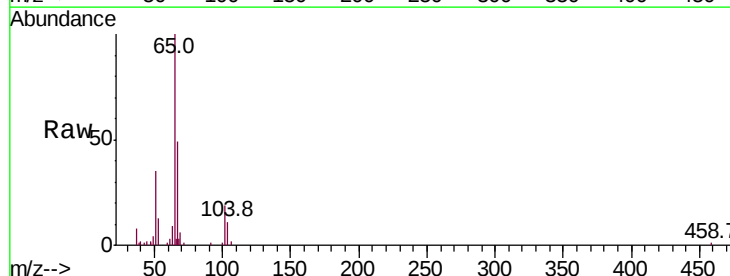
Acq: 25 Oct 2019 17:01

Tgt Ion: 65 Resp: 52008

Ion Ratio Lower Upper

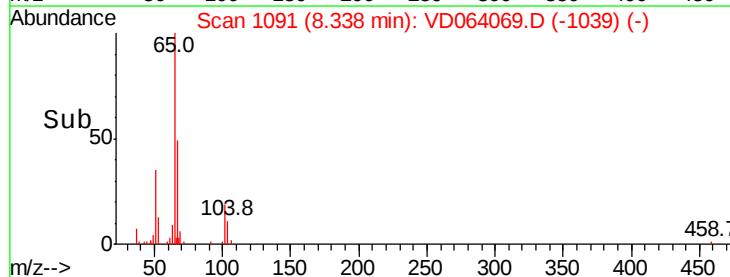
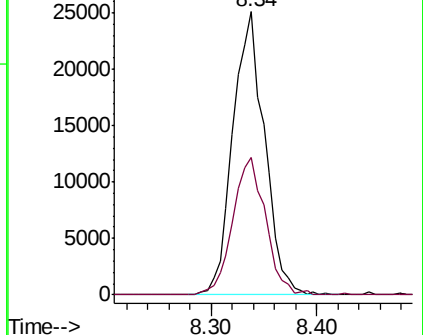
65 100

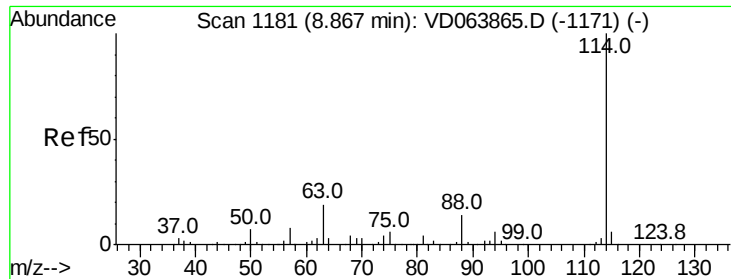
67 50.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

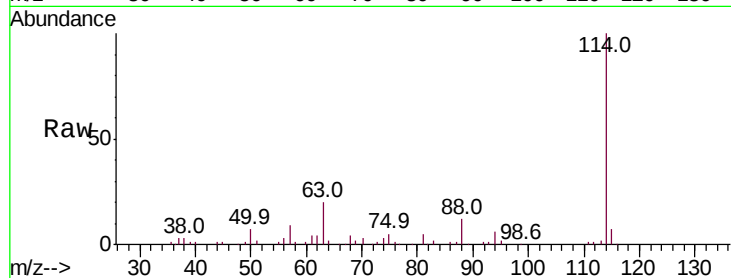




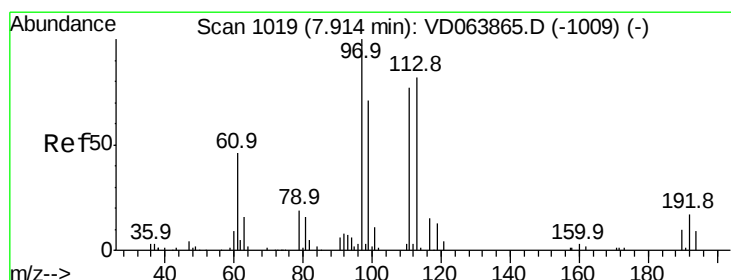
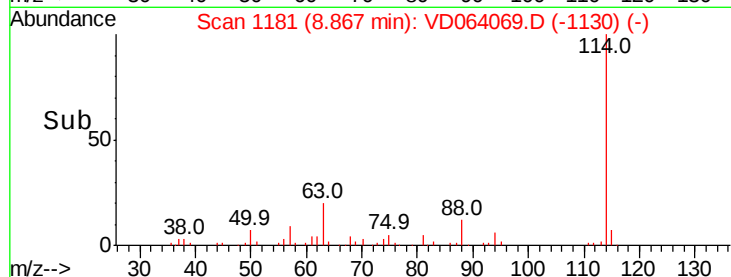
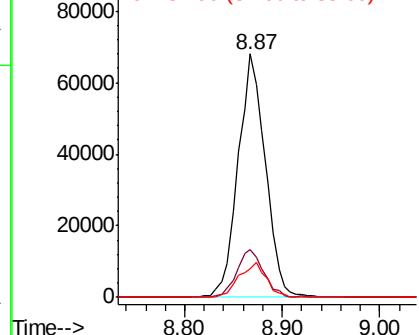
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064069.D
 Acq: 25 Oct 2019 17:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-102419

Tot Ion:114 Resp: 131774
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 11.9 0.0 27.4

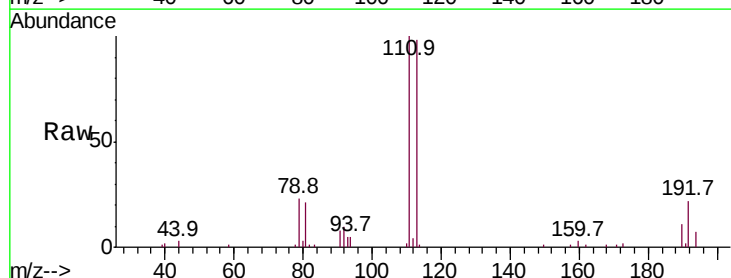


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

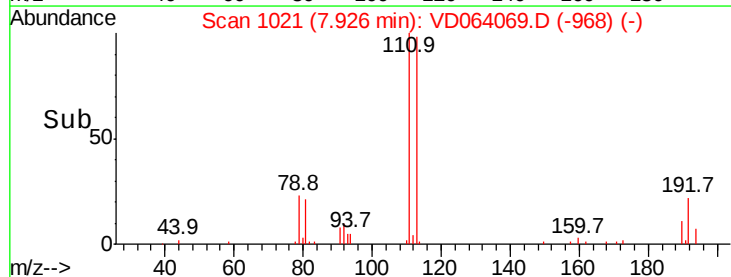
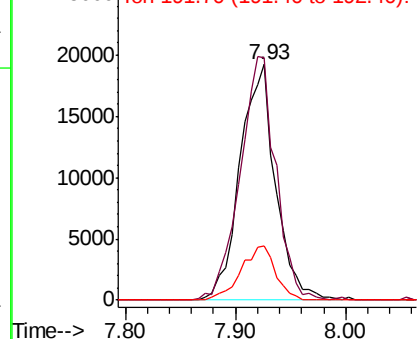


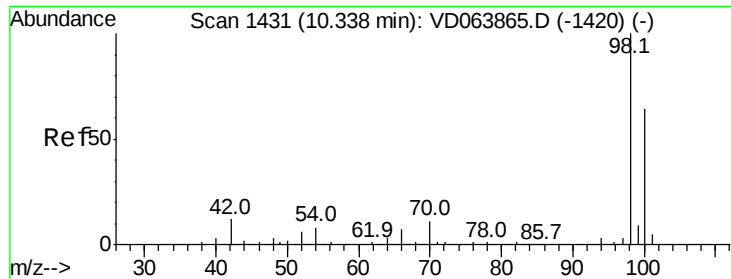
#35
 Dibromofluoromethane
 Concen: 54.123 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD064069.D
 Acq: 25 Oct 2019 17:01

Tgt Ion:113 Resp: 43586
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 22.1 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: 52.501 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064069.D

Acq: 25 Oct 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

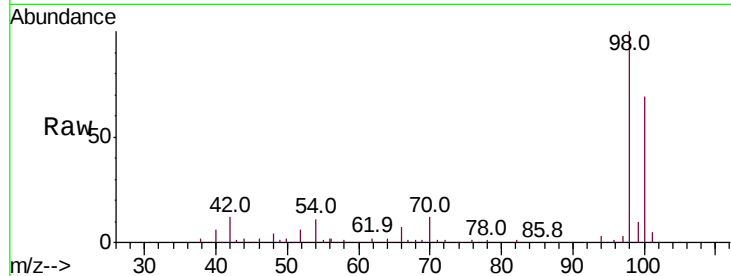
TR-05-102419

Tot Ion: 98 Resp: 171606

Ion Ratio Lower Upper

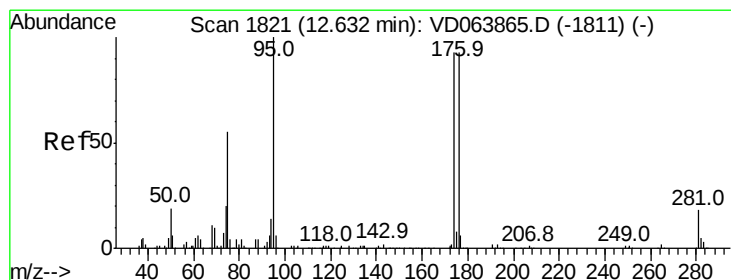
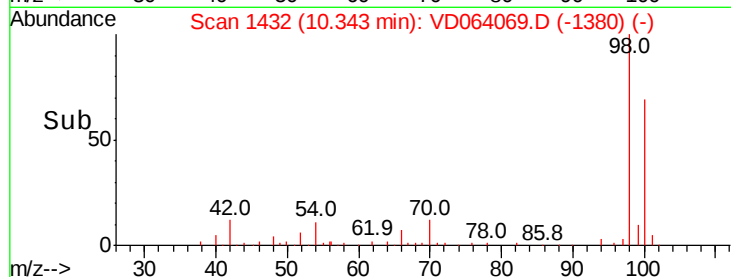
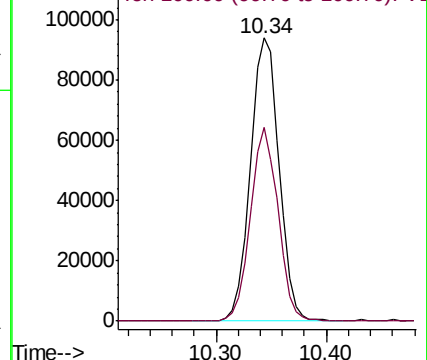
98 100

100 65.7 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: 46.480 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064069.D

Acq: 25 Oct 2019 17:01

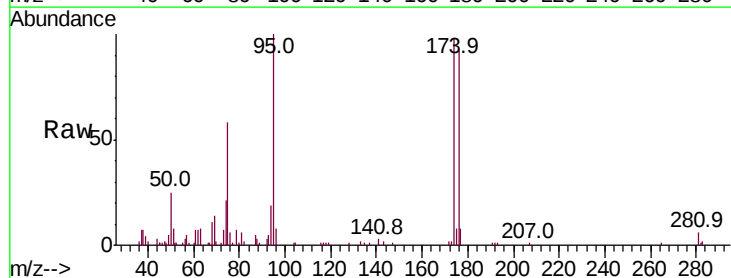
Tgt Ion: 95 Resp: 52794

Ion Ratio Lower Upper

95 100

174 96.2 0.0 186.4

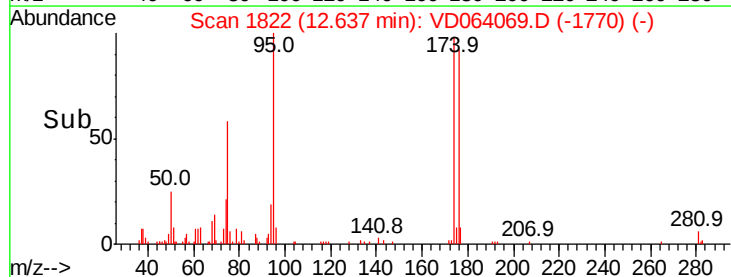
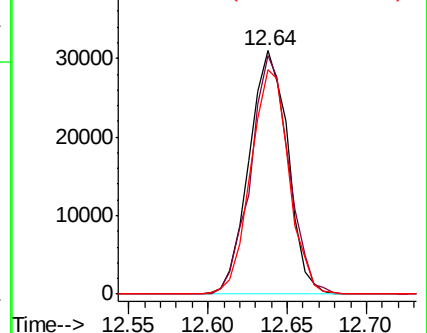
176 90.9 0.0 184.2

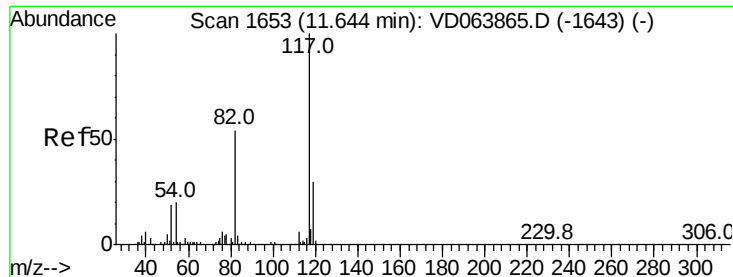


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

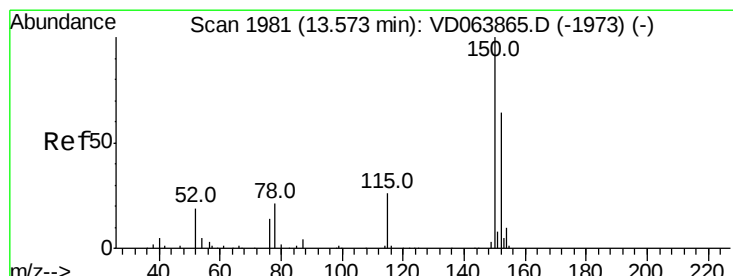
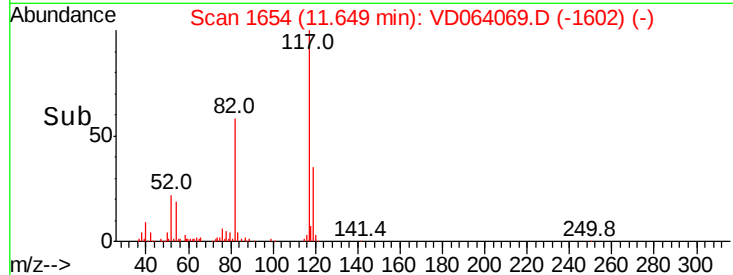
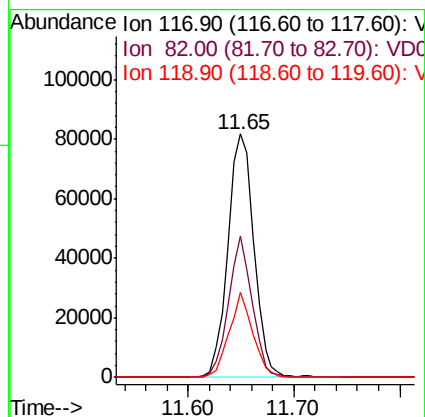
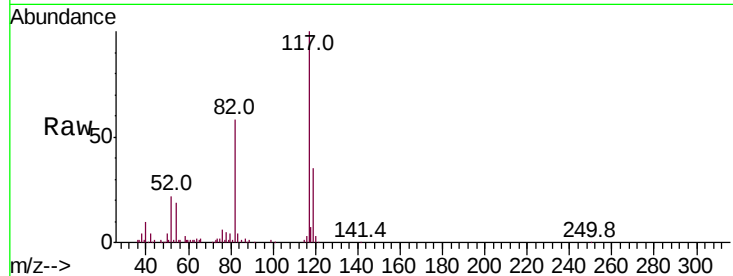




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064069.D
Acq: 25 Oct 2019 17:01

Instrument :
MSVOA_D
ClientSampleId :
TR-05-102419

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	42.8	64.2
119	34.8	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064069.D
Acq: 25 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.0	25.9	77.7
150	147.9	0.0	344.2

