

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102419\
 Data File : VD064043.D
 Acq On : 24 Oct 2019 13:29
 Operator : VA/SY
 Sample : K5145-04
 Misc : 8.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-102319

Quant Time: Oct 25 04:40:02 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	145914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	278296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	301476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	136533	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	84670	59.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.20%	
35) Dibromofluoromethane	7.92	113	86999	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.34	98	396176	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	
62) 4-Bromofluorobenzene	12.64	95	119813	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

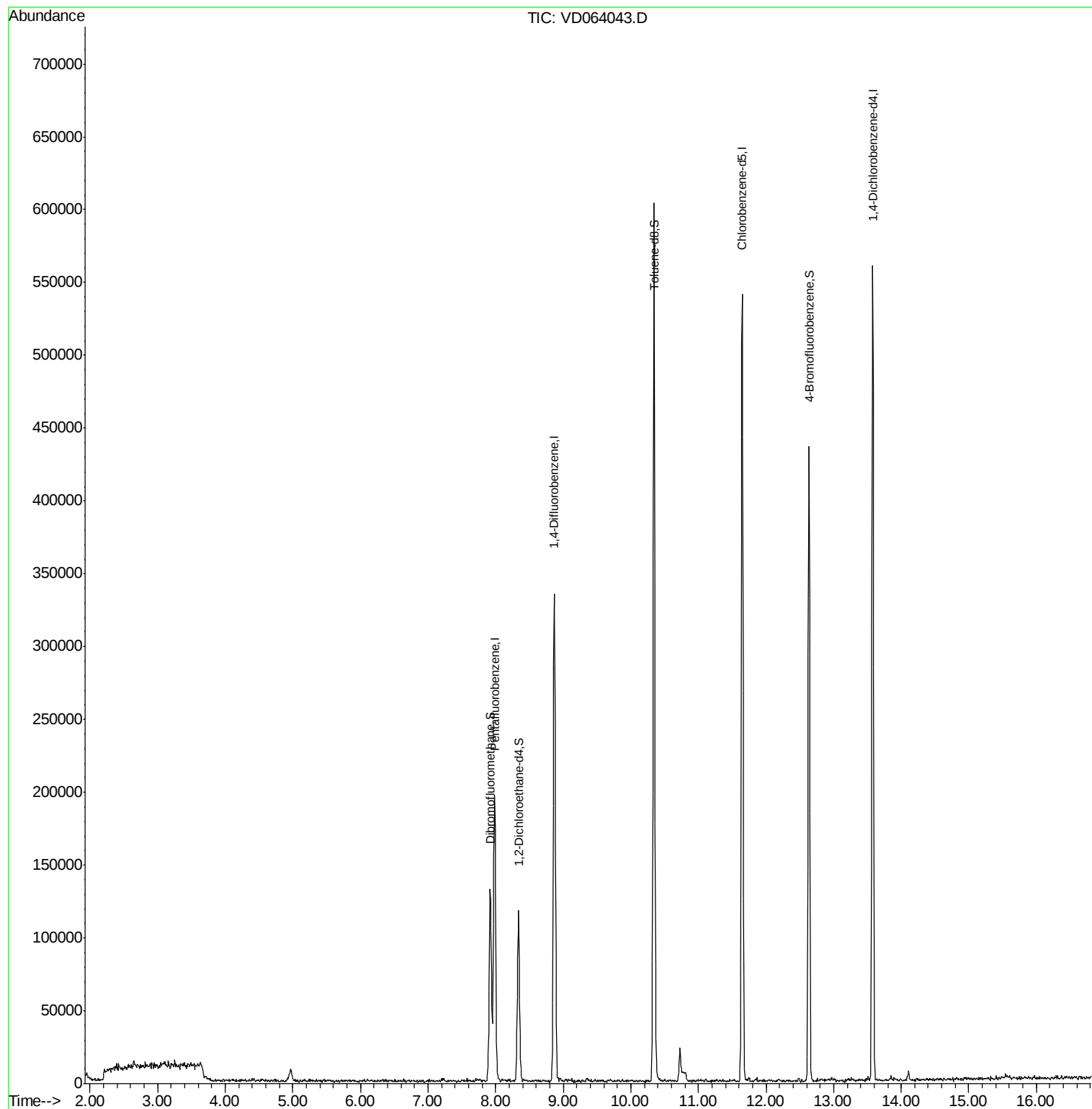
Target Compounds	Qvalue

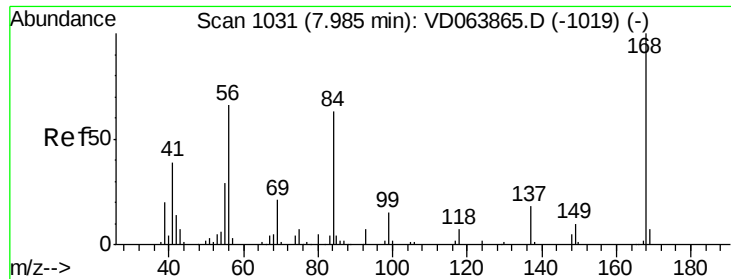
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064043.D

Acq: 24 Oct 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

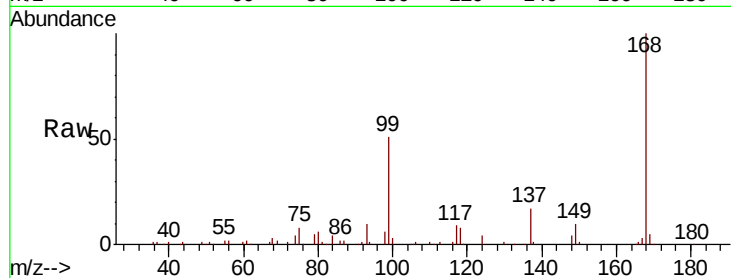
HD-02-102319

Tot Ion:168 Resp: 145914

Ion Ratio Lower Upper

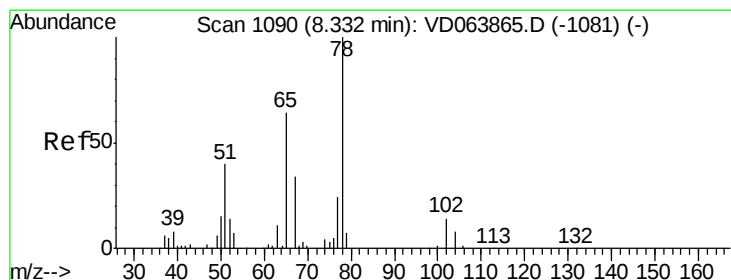
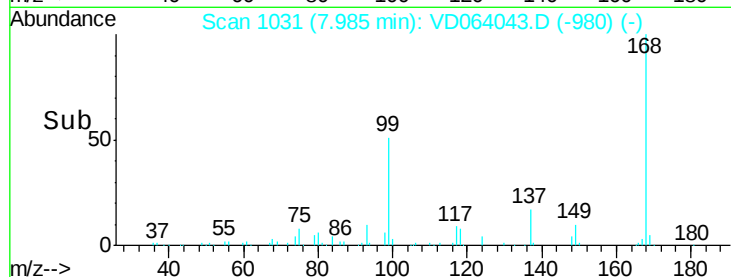
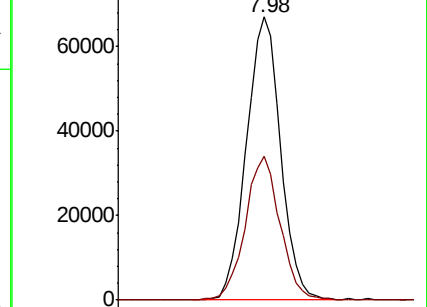
168 100

99 50.8 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: 59.602 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064043.D

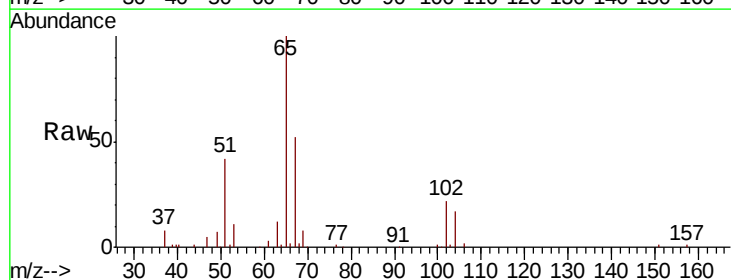
Acq: 24 Oct 2019 13:29

Tgt Ion: 65 Resp: 84670

Ion Ratio Lower Upper

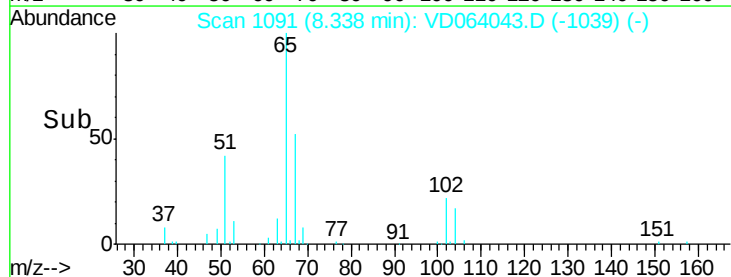
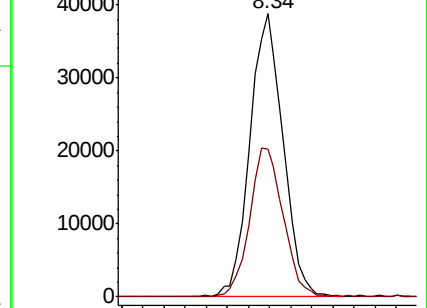
65 100

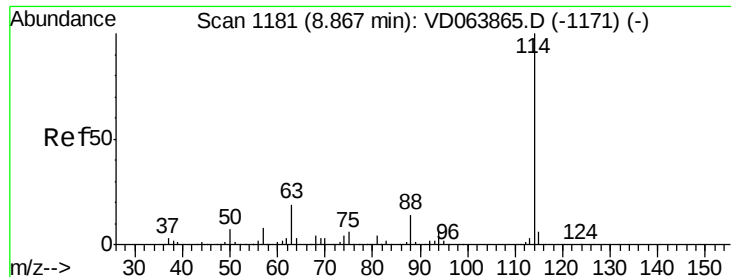
67 53.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

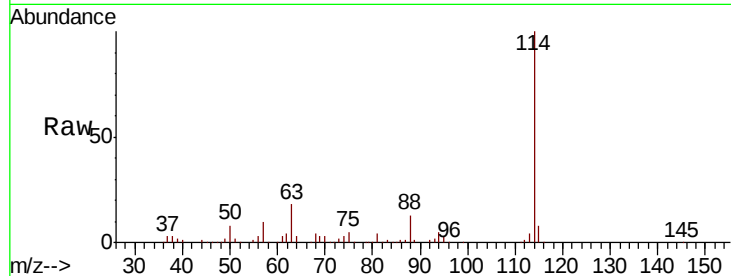




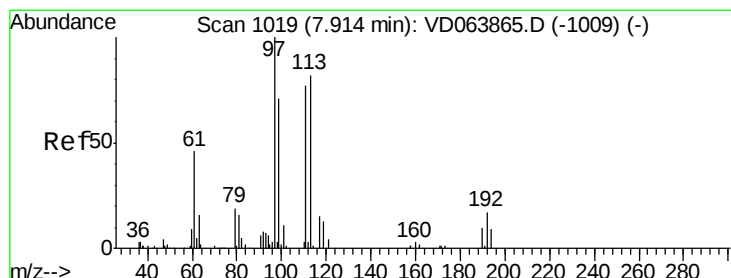
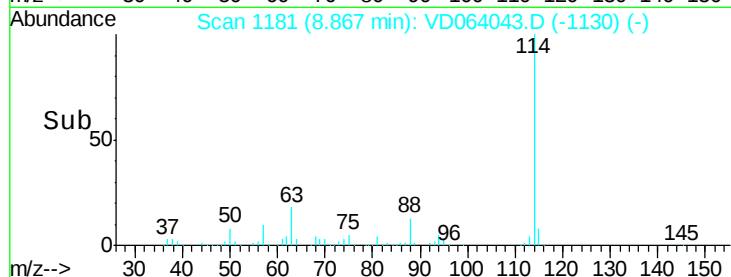
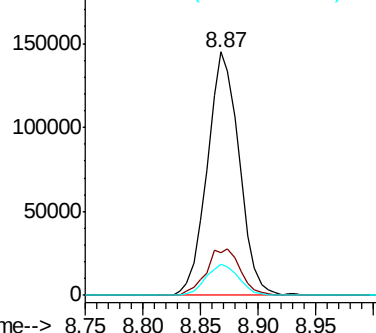
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064043.D
 Acq: 24 Oct 2019 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-102319

Tot Ion:114 Resp: 278296
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.4
 88 12.9 0.0 27.4

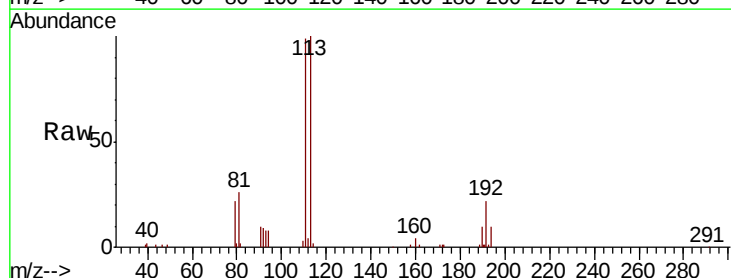


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

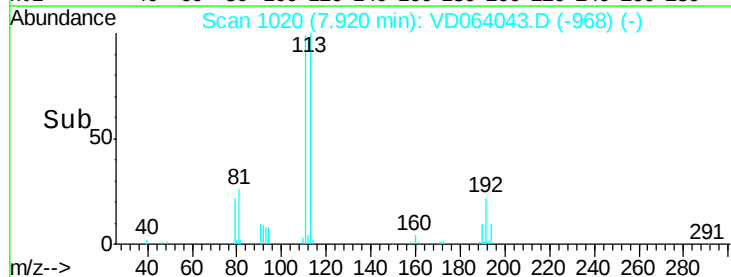
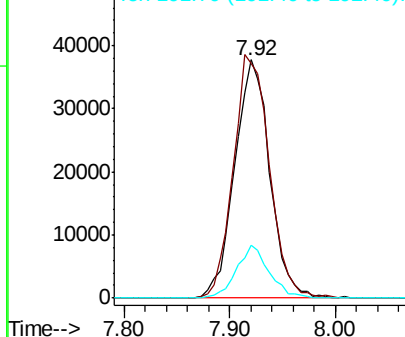


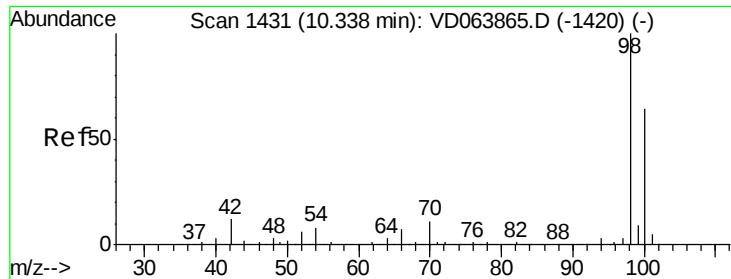
#35
 Dibromofluoromethane
 Concen: 51.153 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064043.D
 Acq: 24 Oct 2019 13:29

Tgt Ion:113 Resp: 86999
 Ion Ratio Lower Upper
 113 100
 111 104.7 82.6 123.8
 192 20.4 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: 57.391 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064043.D

Acq: 24 Oct 2019 13:29

Instrument :

MSVOA_D

ClientSampleId :

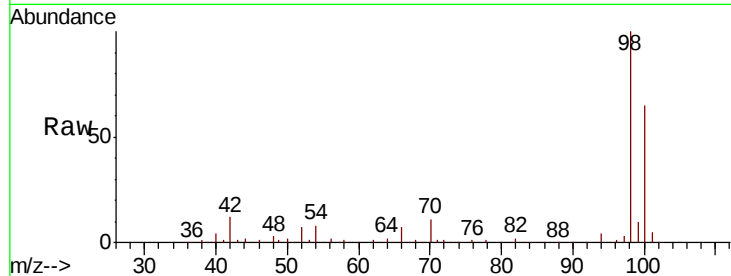
HD-02-102319

Tot Ion: 98 Resp: 396176

Ion Ratio Lower Upper

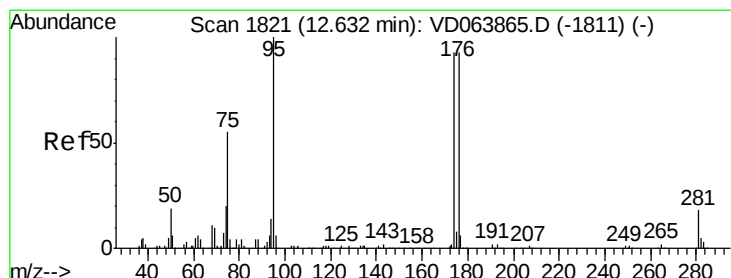
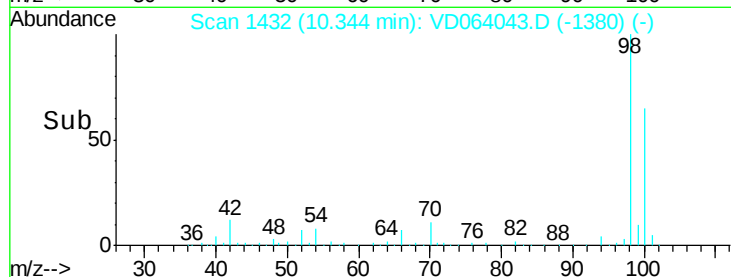
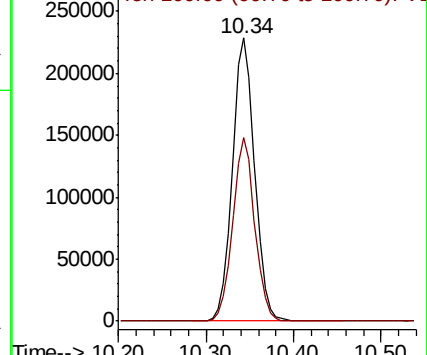
98 100

100 63.9 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: 49.947 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064043.D

Acq: 24 Oct 2019 13:29

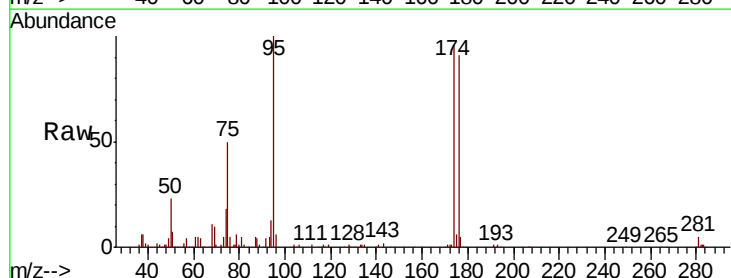
Tgt Ion: 95 Resp: 119813

Ion Ratio Lower Upper

95 100

174 95.5 0.0 186.4

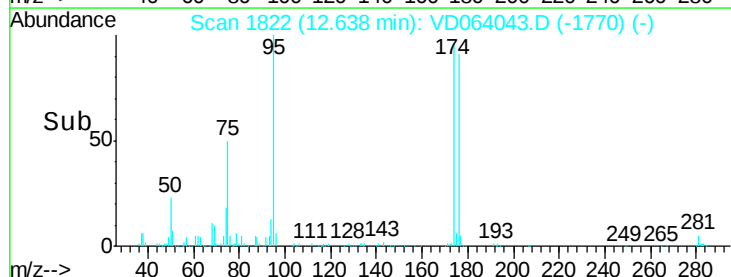
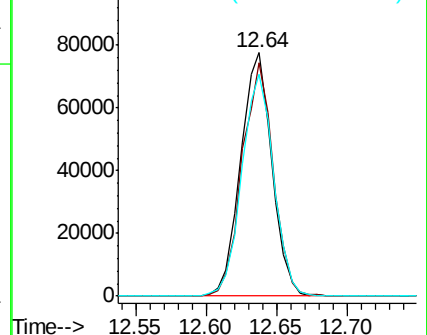
176 92.9 0.0 184.2

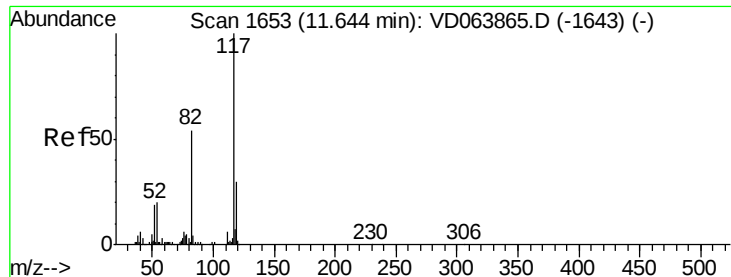


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

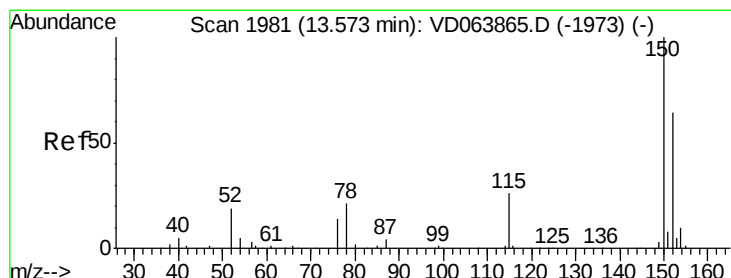
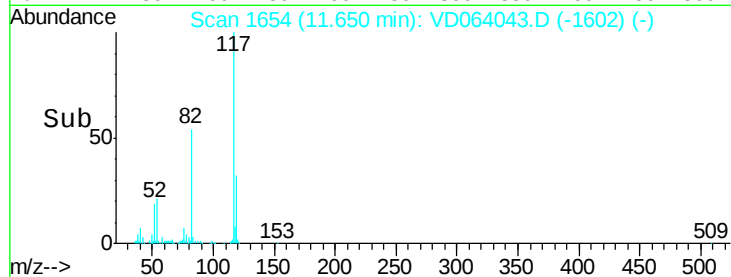
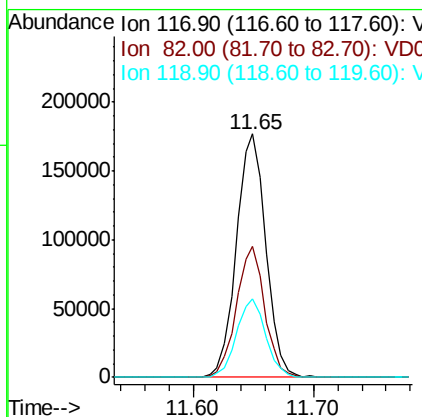
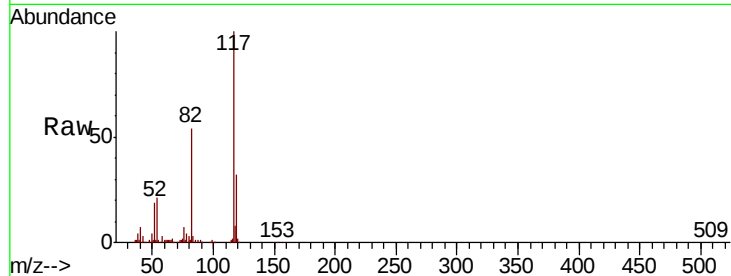




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064043.D
Acq: 24 Oct 2019 13:29

Instrument :
MSVOA_D
ClientSampleId :
HD-02-102319

Tot Ion:117 Resp: 301476
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 32.4 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: VD064043.D
Acq: 24 Oct 2019 13:29

Tgt Ion:152 Resp: 136533
Ion Ratio Lower Upper
152 100
115 56.6 25.9 77.7
150 167.8 0.0 344.2

