

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064382.D
 Acq On : 26 Nov 2019 14:19
 Operator : VA/SY
 Sample : K6012-01
 Misc : 8.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 211

Quant Time: Nov 27 06:08:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	746944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1099163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	989117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	471490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	318712	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
35) Dibromofluoromethane	7.92	113	338044	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
50) Toluene-d8	10.34	98	1306397	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.64	95	420498	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

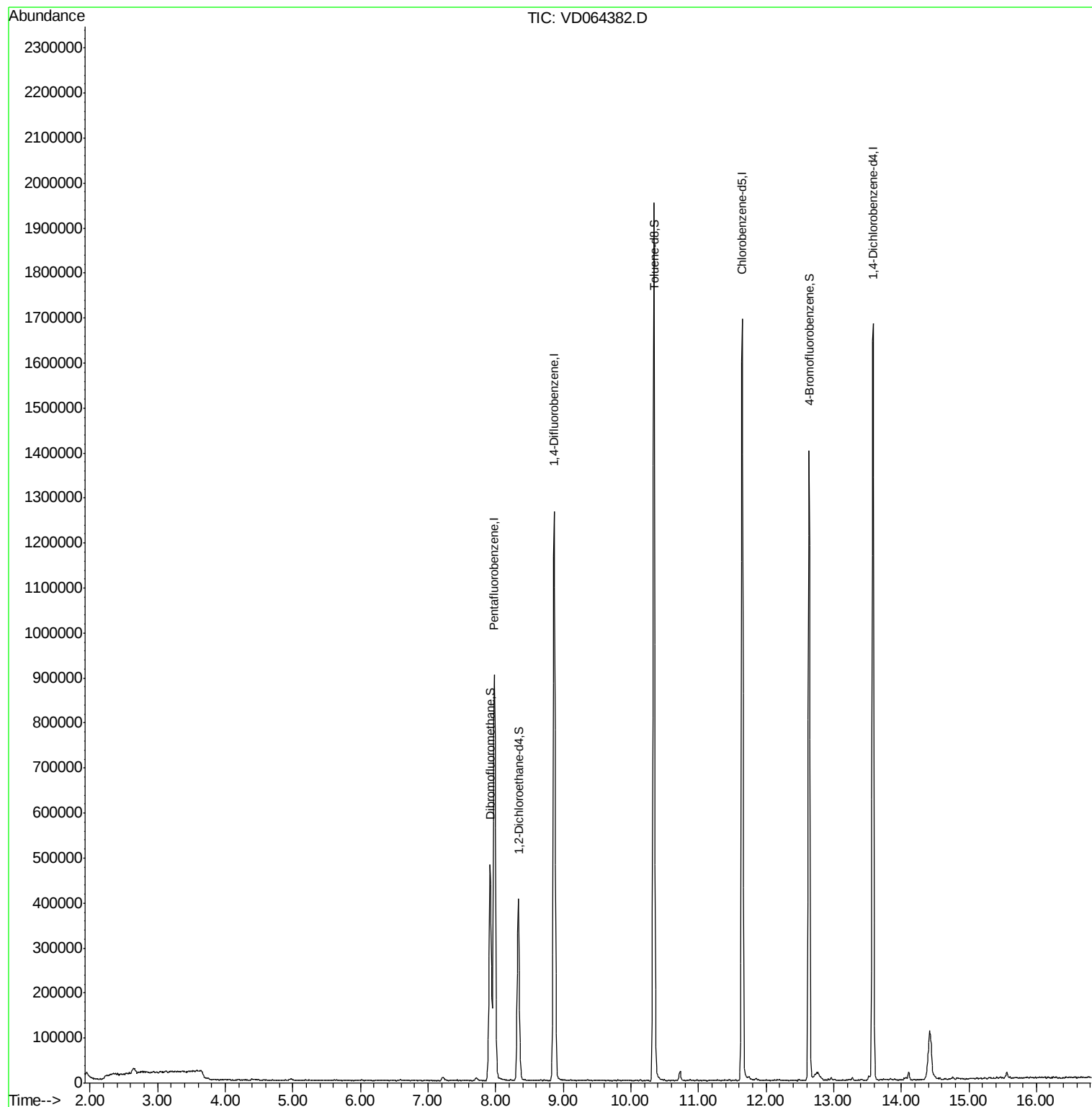
Target Compounds	Qvalue

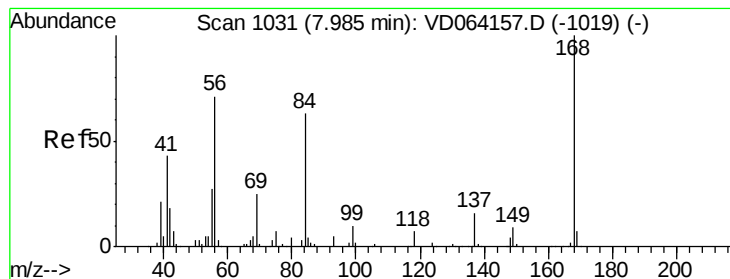
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112619\
Data File : VD064382.D
Acq On : 26 Nov 2019 14:19
Operator : VA/SY
Sample : K6012-01
Misc : 8.97G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
211

Quant Time: Nov 27 06:08:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

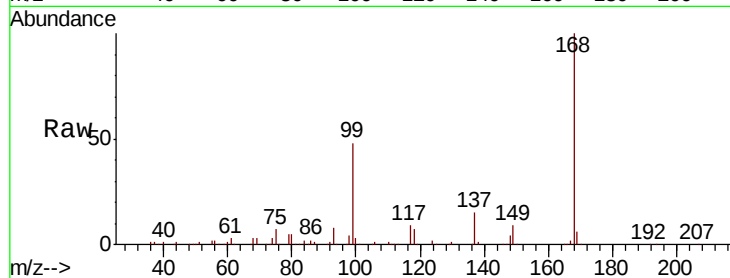
Instrument :
MSVOA_D
ClientSampleId :
211

Tot Ion:168 Resp: 746944

Ion Ratio Lower Upper

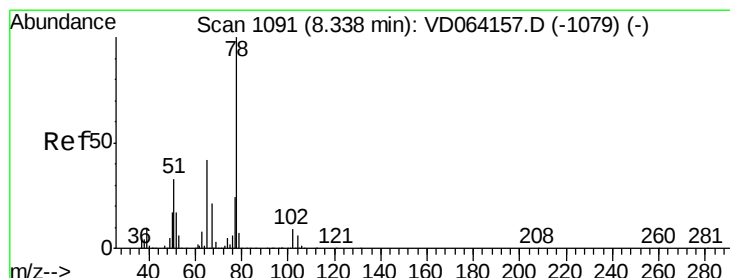
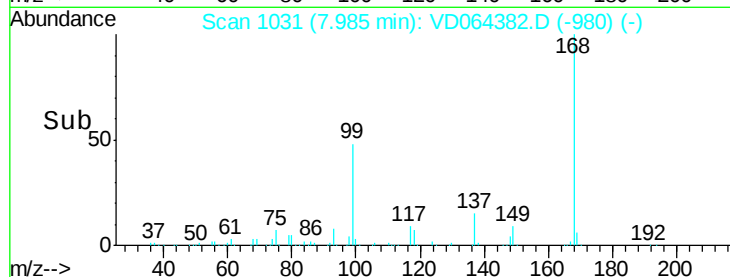
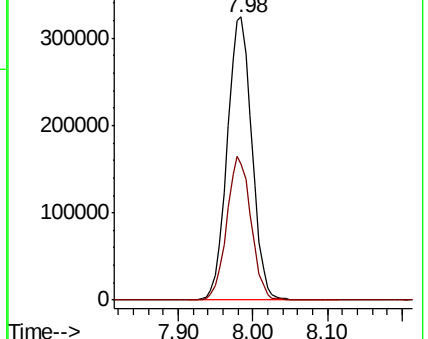
168 100

99 48.1 41.6 62.4



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: 51.881 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064382.D

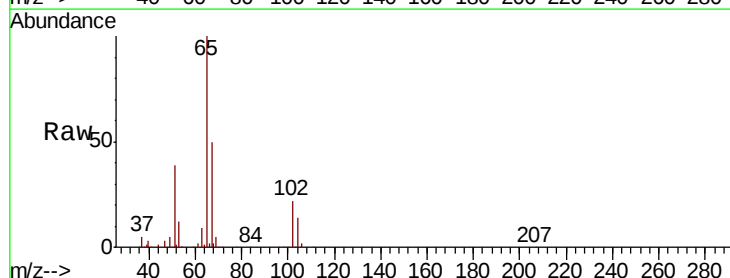
Acq: 26 Nov 2019 14:19

Tgt Ion: 65 Resp: 318712

Ion Ratio Lower Upper

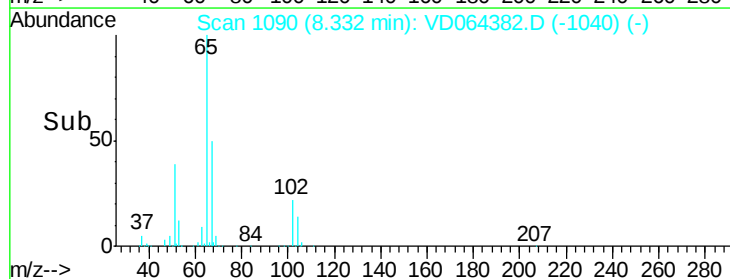
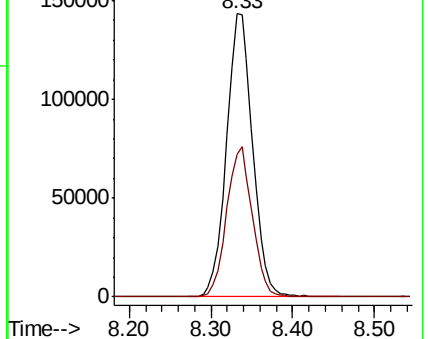
65 100

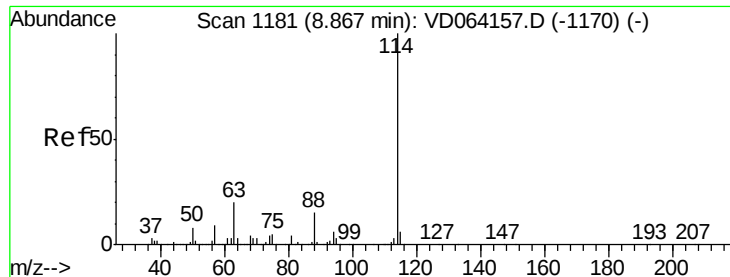
67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

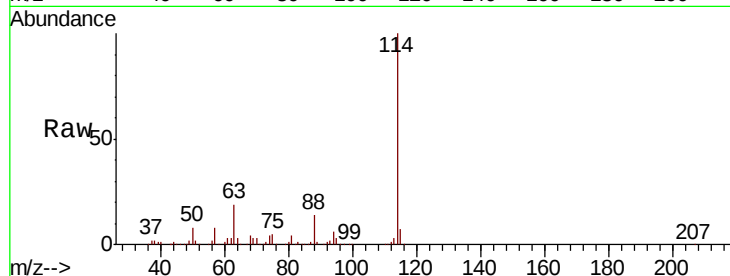




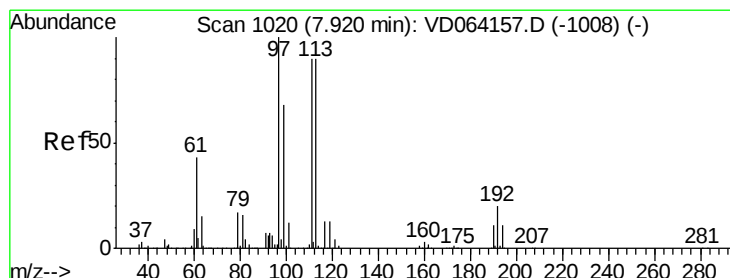
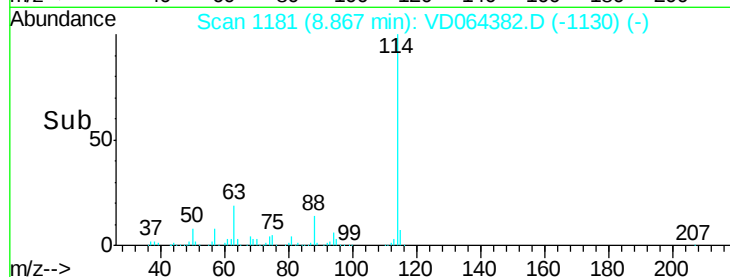
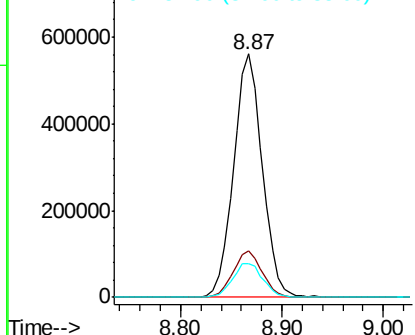
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 211

Tot Ion:114 Resp: 1099163
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.1 0.0 30.2

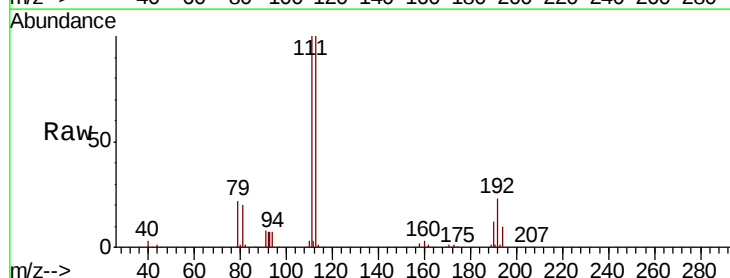


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

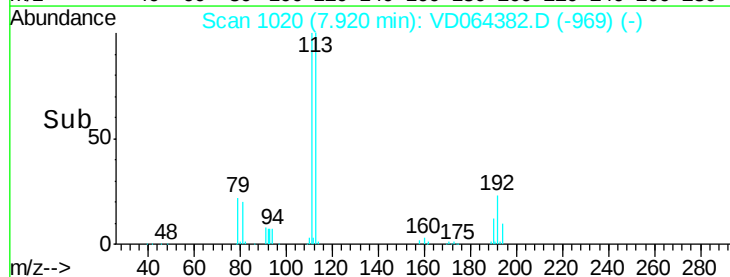
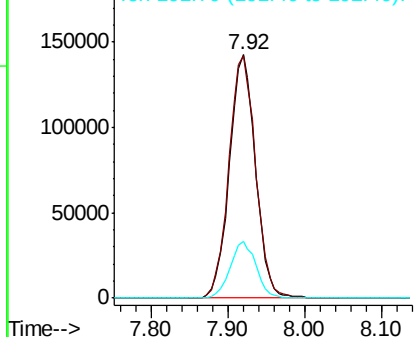


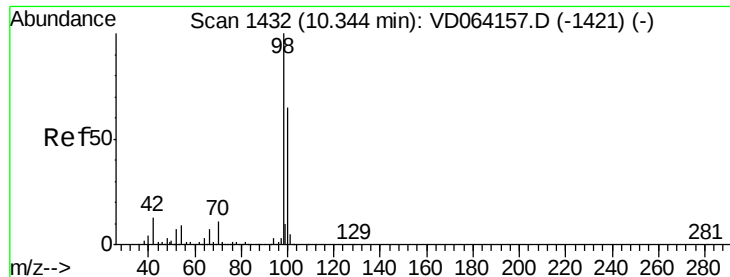
#35
 Dibromofluoromethane
 Concen: 53.578 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064382.D
 Acq: 26 Nov 2019 14:19

Tgt Ion:113 Resp: 338044
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 23.2 18.8 28.2



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: 54.887 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

Instrument :

MSVOA_D

ClientSampleId :

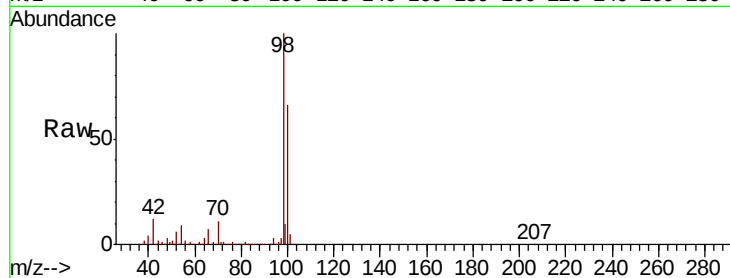
211

Tot Ion: 98 Resp: 1306397

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

800000

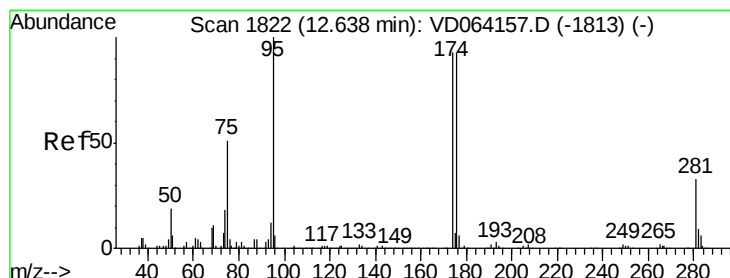
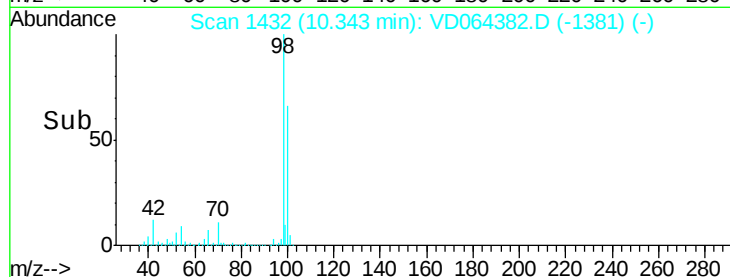
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.015 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064382.D

Acq: 26 Nov 2019 14:19

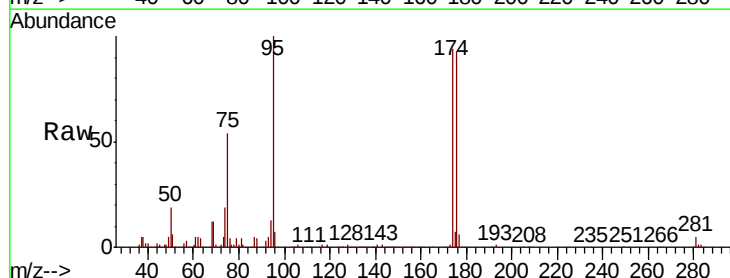
Tgt Ion: 95 Resp: 420498

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.6

176 93.1 0.0 180.2



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

12.64

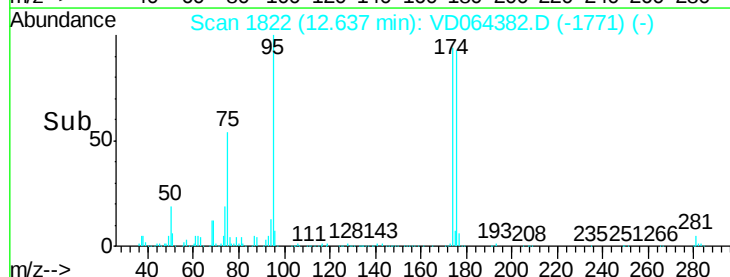
300000

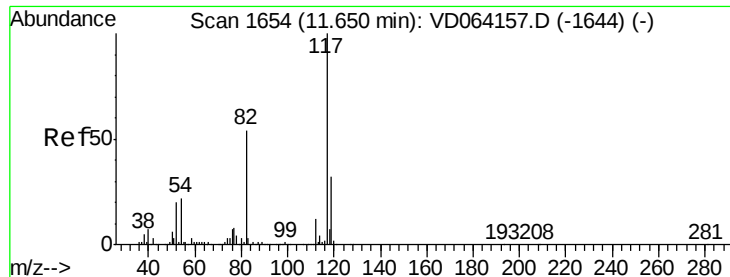
200000

100000

0

Time-->

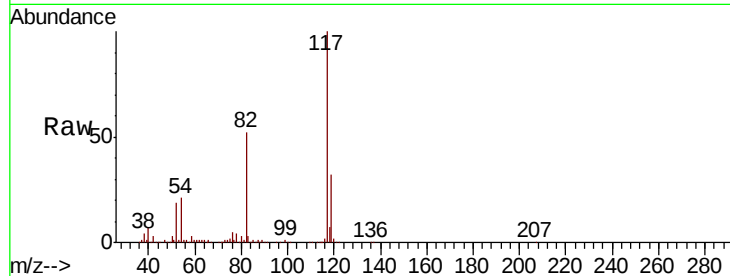




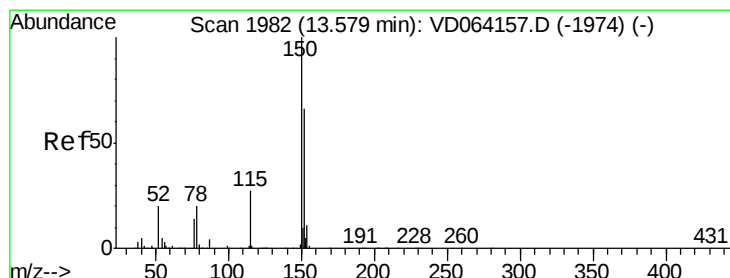
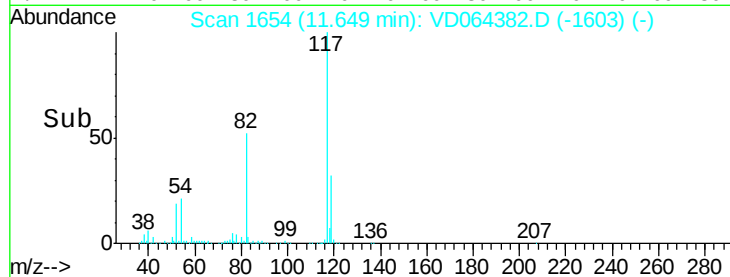
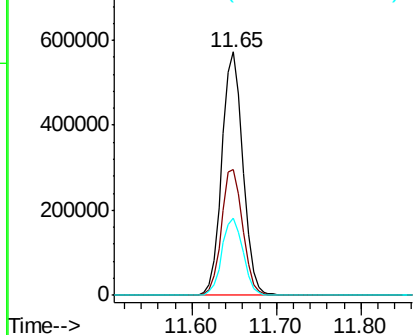
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064382.D
Acq: 26 Nov 2019 14:19

Instrument :
MSVOA_D
ClientSampled :
211

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.8	64.2
119	31.9	25.6	38.4

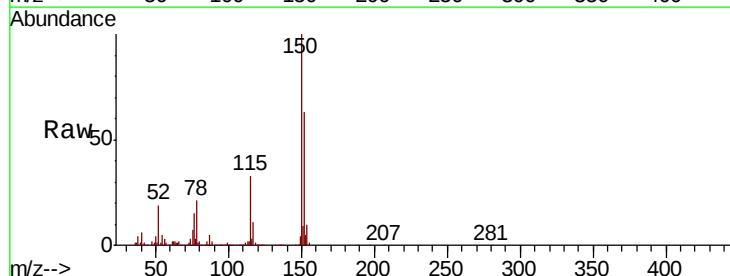


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064382.D
Acq: 26 Nov 2019 14:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.4	82.2
150	157.1	0.0	351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

