

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111419\
 Data File : VD064212.D
 Acq On : 14 Nov 2019 13:40
 Operator : VA/SY
 Sample : K5668-05
 Misc : 5.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-111319

Quant Time: Nov 15 06:07:29 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

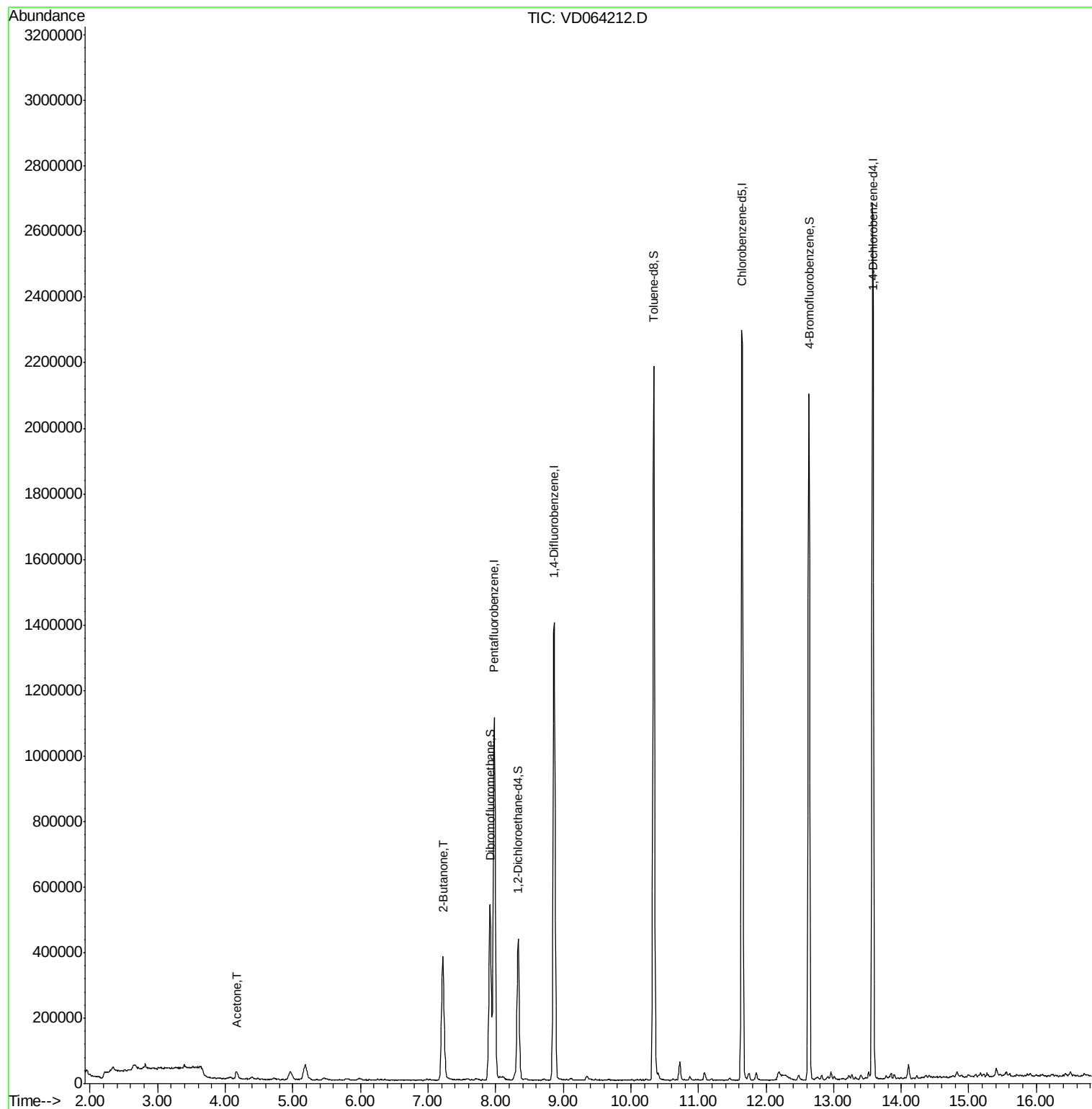
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	867068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1260309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1334862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	717067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	343966	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	7.92	113	372885	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.34	98	1520710	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
62) 4-Bromofluorobenzene	12.64	95	638624	67.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.14%	
Target Compounds						
16) Acetone	4.17	43	39611	23.447	ug/l	98
25) 2-Butanone	7.23	43	20572	9.426	ug/l #	83

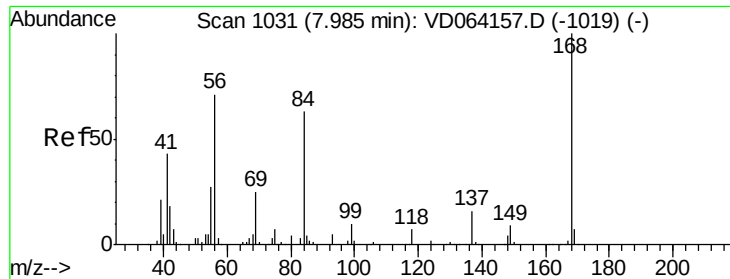
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111419\
Data File : VD064212.D
Acq On : 14 Nov 2019 13:40
Operator : VA/SY
Sample : K5668-05
Misc : 5.16G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-02-111319

Quant Time: Nov 15 06:07:29 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# 1030

Delta R.T. -0.01 min

Lab File: VD064212.D

Acq: 14 Nov 2019 13:40

Instrument :

MSVOA_D

ClientSampleId :

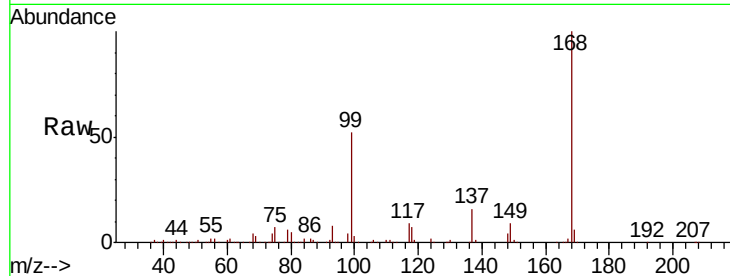
HD-02-111319

Tot Ion:168 Resp: 867068

Ion Ratio Lower Upper

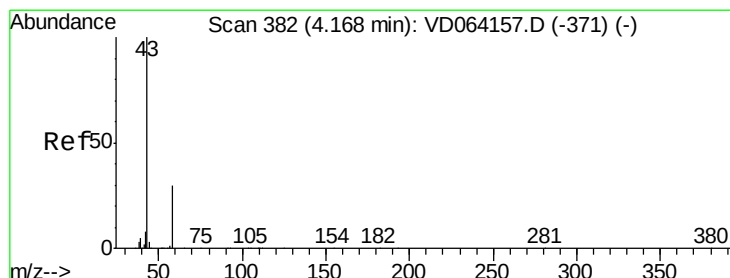
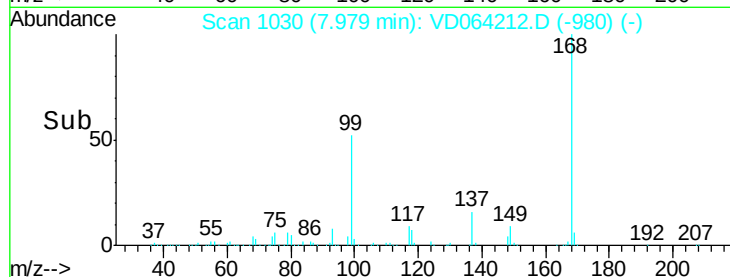
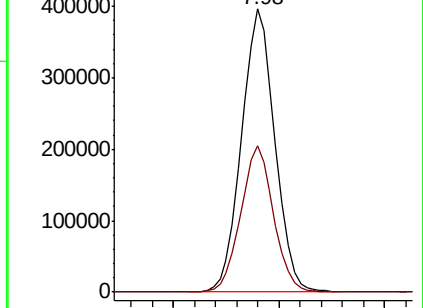
168 100

99 51.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 23.447 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064212.D

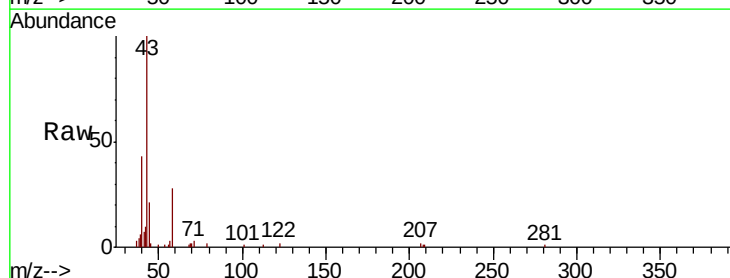
Acq: 14 Nov 2019 13:40

Tgt Ion: 43 Resp: 39611

Ion Ratio Lower Upper

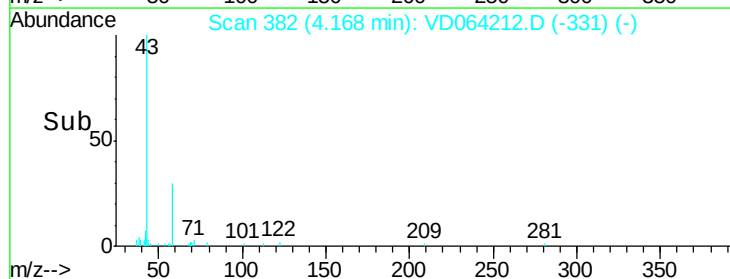
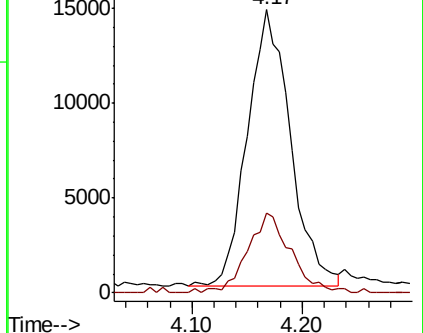
43 100

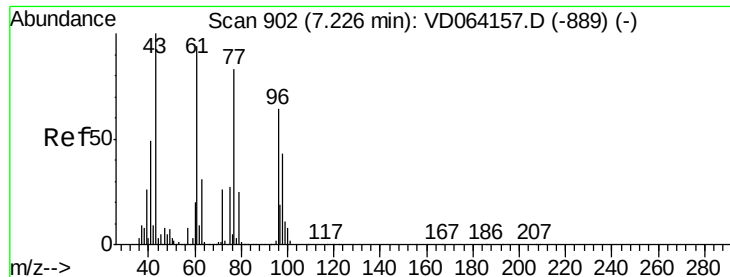
58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 9.426 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.00 min

Lab File: VD064212.D

Acq: 14 Nov 2019 13:40

Instrument :

MSVOA_D

ClientSampleId :

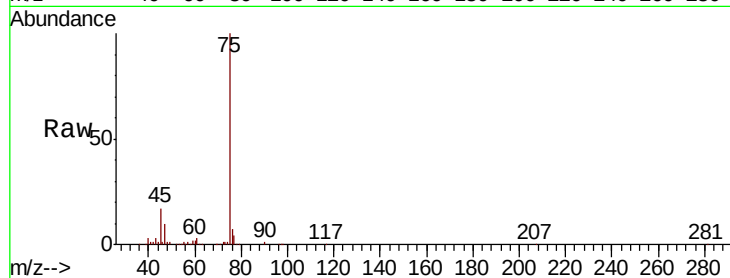
HD-02-111319

Tot Ion: 43 Resp: 20572

Ion Ratio Lower Upper

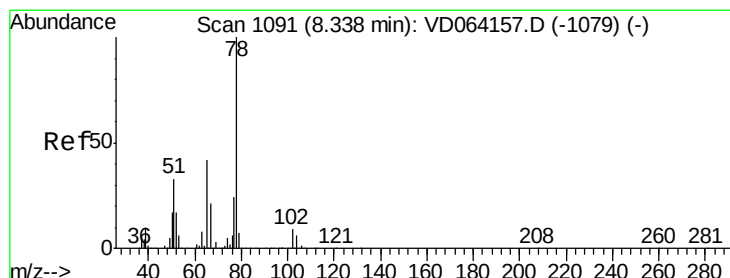
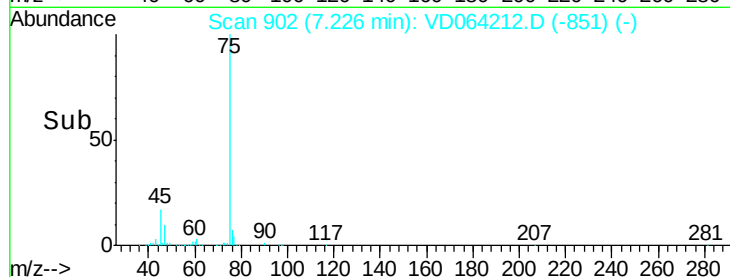
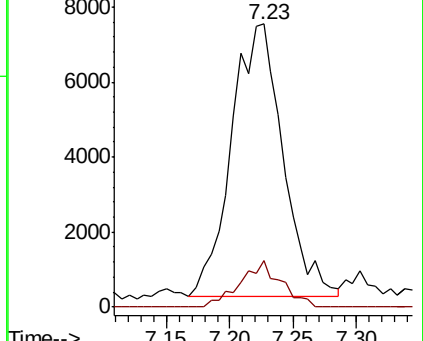
43 100

72 17.2 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.234 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064212.D

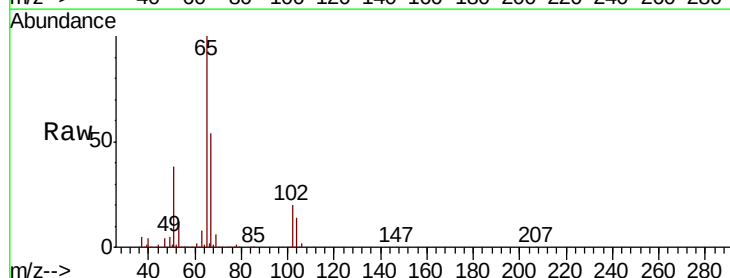
Acq: 14 Nov 2019 13:40

Tgt Ion: 65 Resp: 343966

Ion Ratio Lower Upper

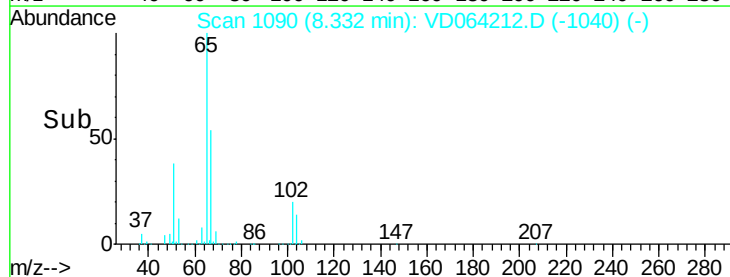
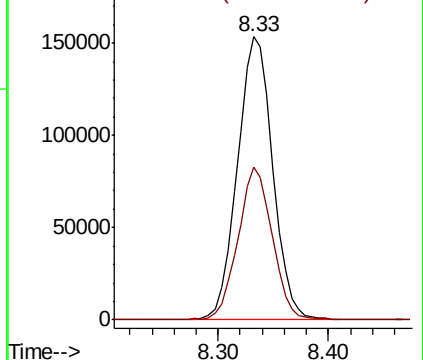
65 100

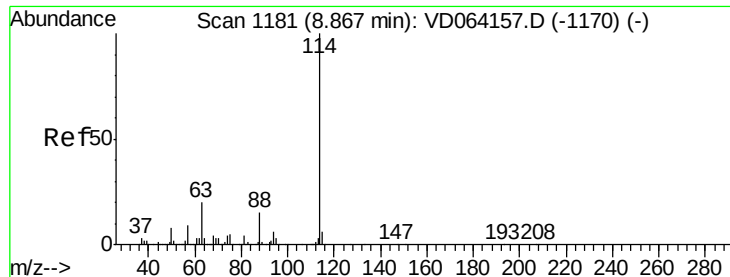
67 52.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

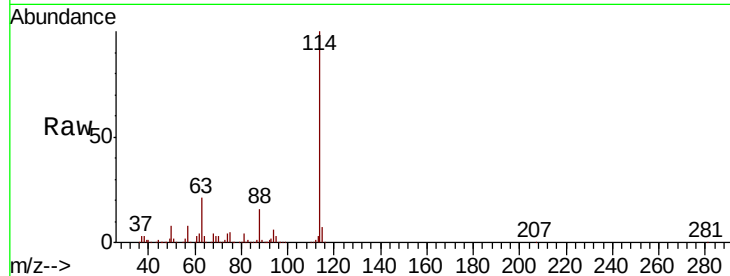




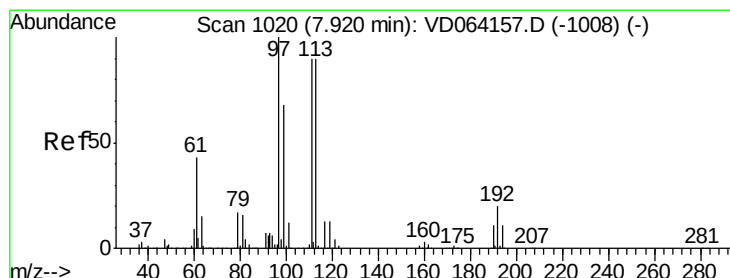
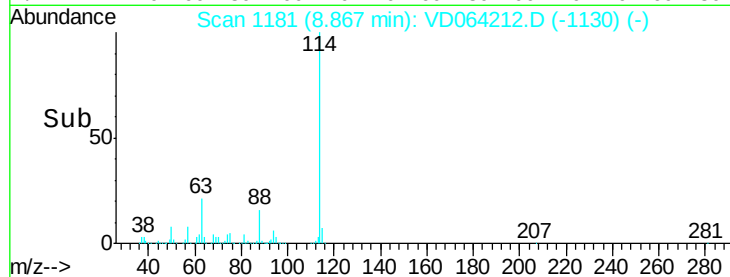
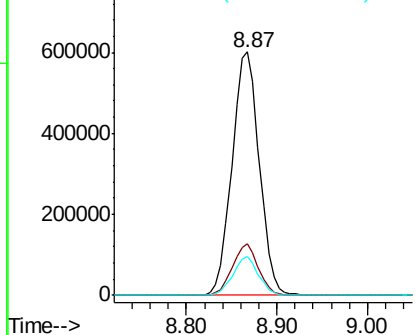
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064212.D
 Acq: 14 Nov 2019 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-111319

Tot Ion:114 Resp: 1260309
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 15.7 0.0 30.2

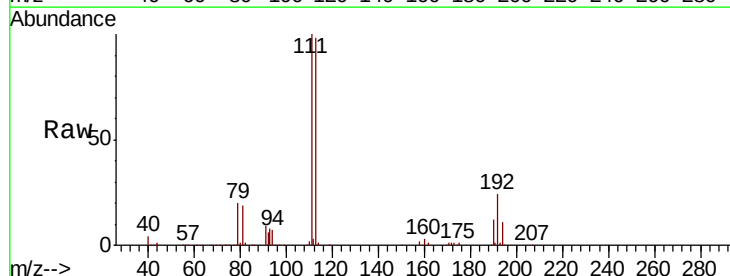


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

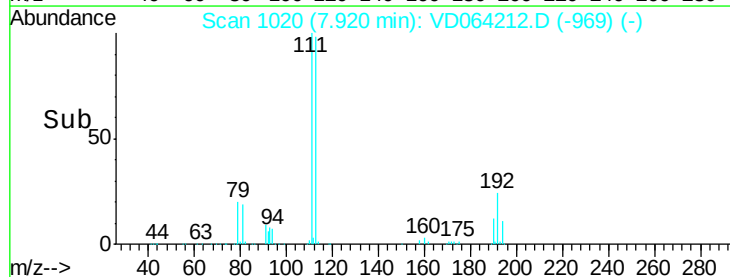
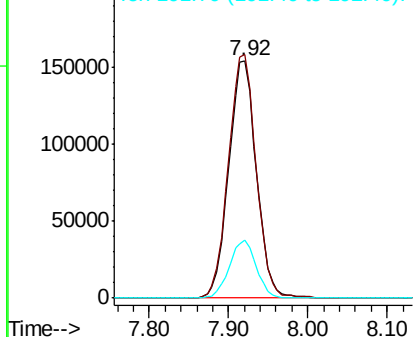


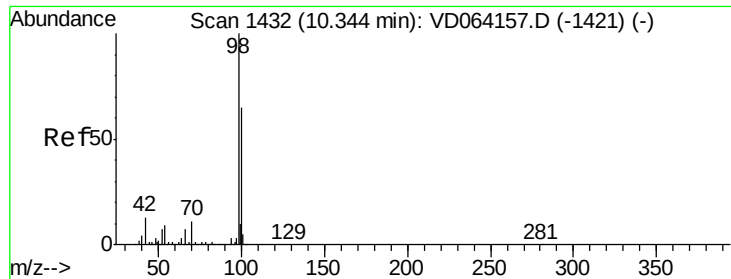
#35
 Dibromofluoromethane
 Concen: 51.543 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064212.D
 Acq: 14 Nov 2019 13:40

Tgt Ion:113 Resp: 372885
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 23.8 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: 55.722 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064212.D

Acq: 14 Nov 2019 13:40

Instrument :

MSVOA_D

ClientSampleId :

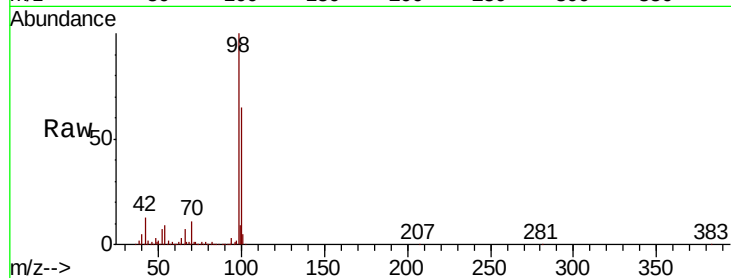
HD-02-111319

Tot Ion: 98 Resp: 1520710

Ion Ratio Lower Upper

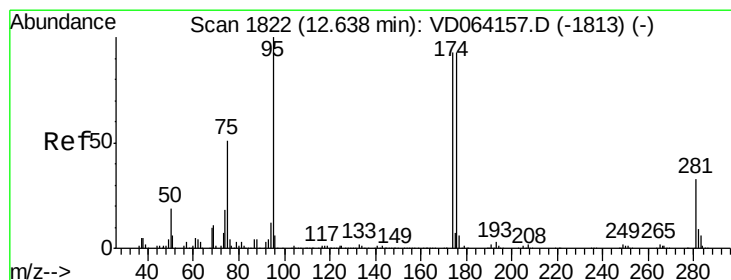
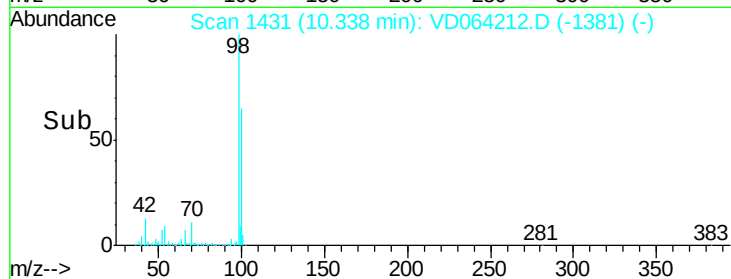
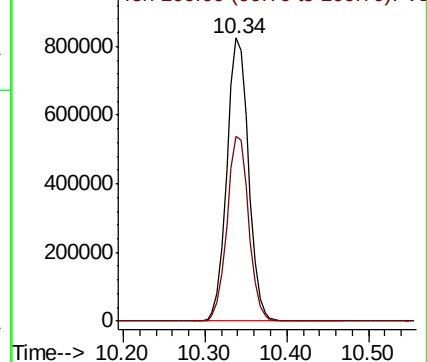
98 100

100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 67.571 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064212.D

Acq: 14 Nov 2019 13:40

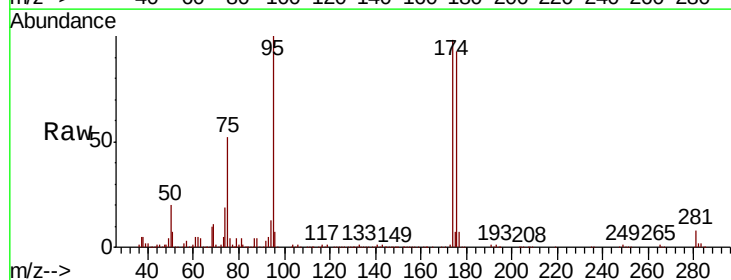
Tgt Ion: 95 Resp: 638624

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.6

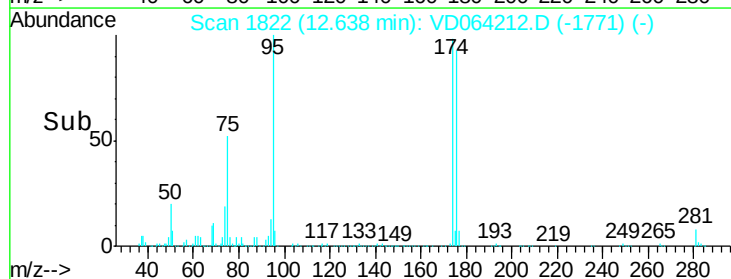
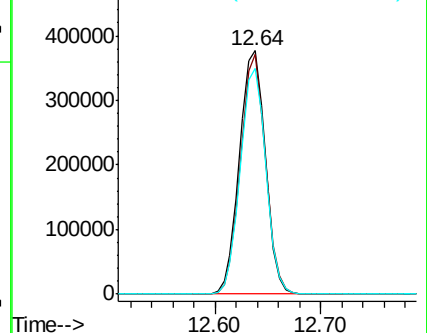
176 91.4 0.0 180.2

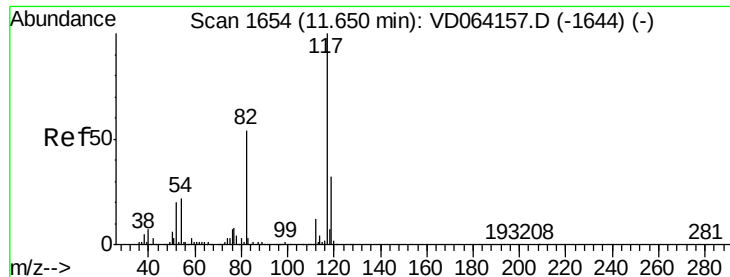


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

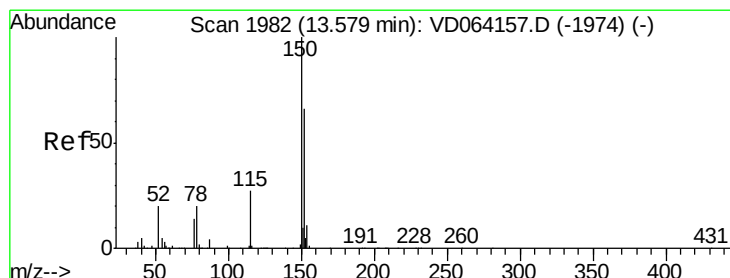
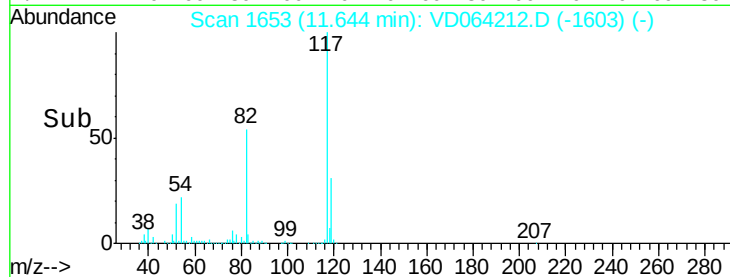
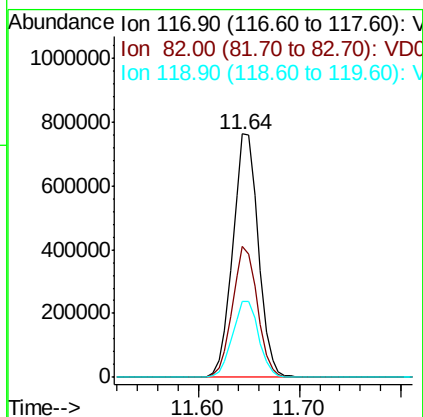
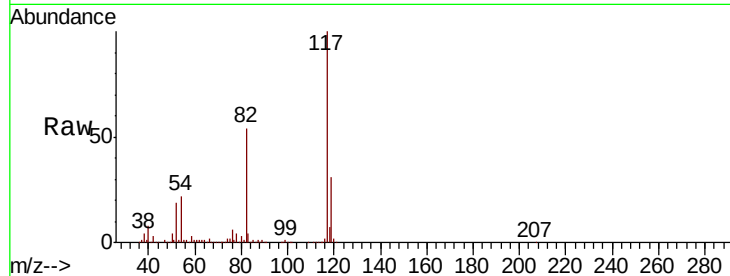




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.64 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: VD064212.D
 Acq: 14 Nov 2019 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-02-111319

Tot Ion:117 Resp: 1334862
 Ion Ratio Lower Upper
 117 100
 82 53.7 42.8 64.2
 119 31.4 25.6 38.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD064212.D
 Acq: 14 Nov 2019 13:40

Tgt Ion:152 Resp: 717067
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.4 82.2
 150 156.8 0.0 351.6

