

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062952.D
 Acq On : 28 Jun 2019 3:22
 Operator : VA/AP
 Sample : K3554-01
 Misc : 6.98g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-11

Quant Time: Jun 28 05:32:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

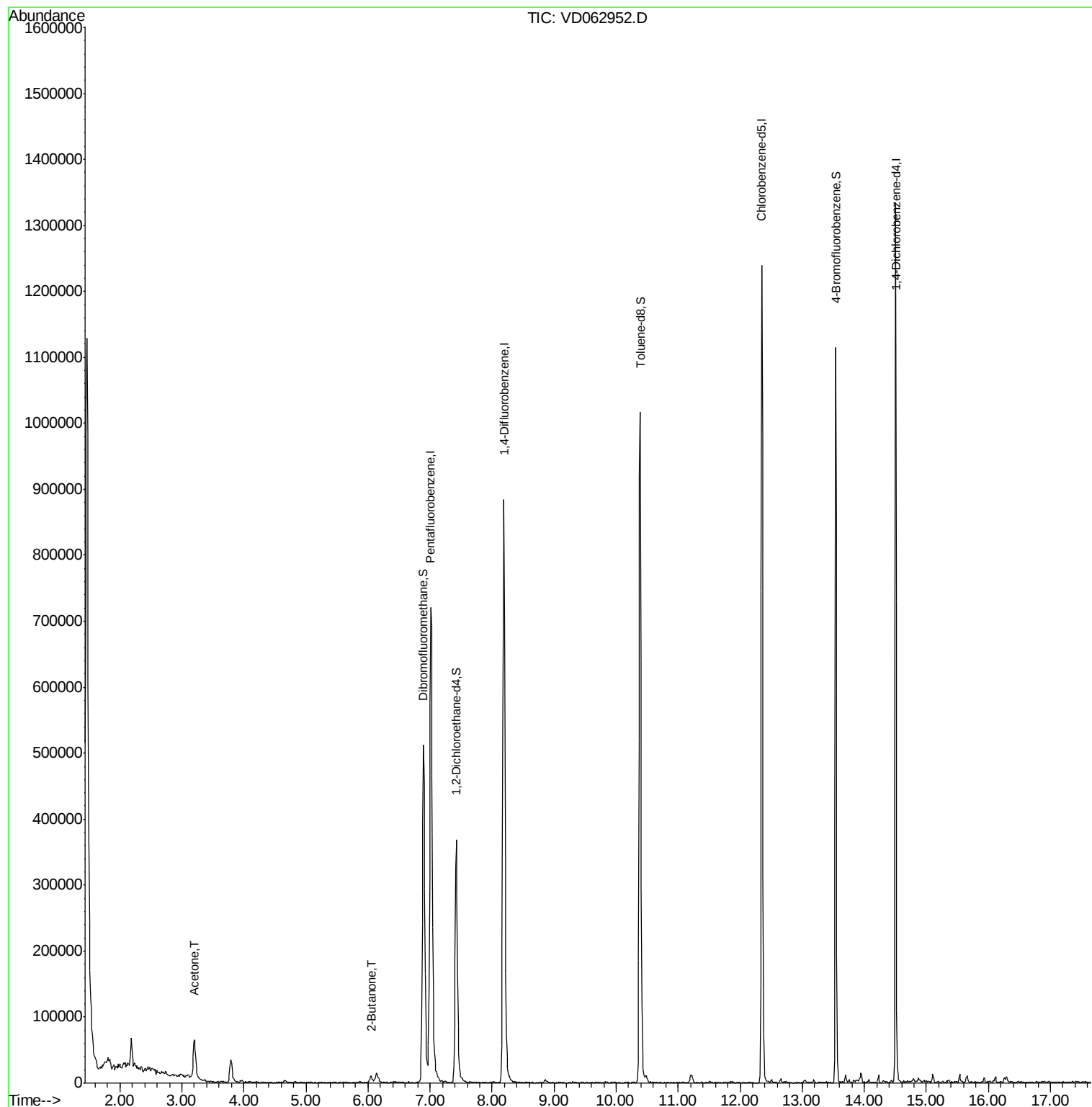
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.01	168	694602	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.19	114	981208	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	681780	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.50	152	259381	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	413319	54.74	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	6.89	113	431685	52.18	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	104.36%	
50) Toluene-d8	10.39	98	810329	45.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.00%	
62) 4-Bromofluorobenzene	13.54	95	304628	37.20	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
16) Acetone	3.20	43	135276	83.698	ug/l	98
25) 2-Butanone	6.05	43	22650	16.040	ug/l #	89

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.01 min Scan# 567

Delta R.T. -0.04 min

Lab File: VD062952.D

Acq: 28 Jun 2019 3:22

Instrument :

MSVOA_D

ClientSampleId :

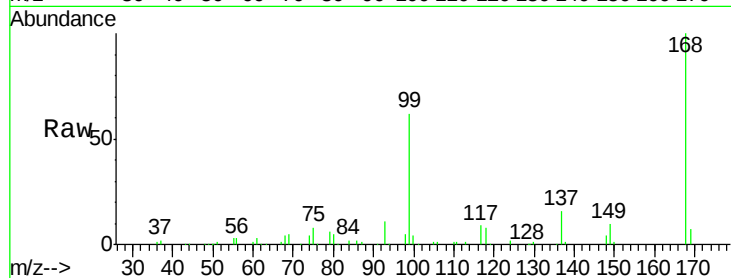
SAMPLE-11

Tot Ion:168 Resp: 694602

Ion Ratio Lower Upper

168 100

99 62.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.01

250000

200000

150000

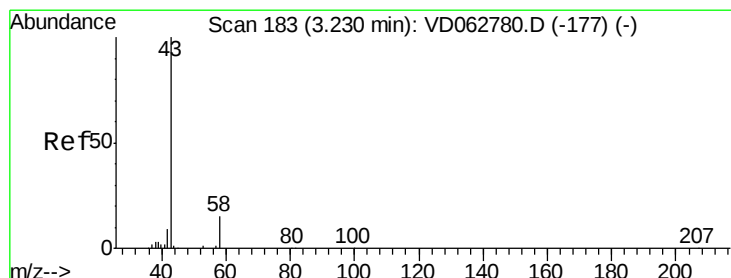
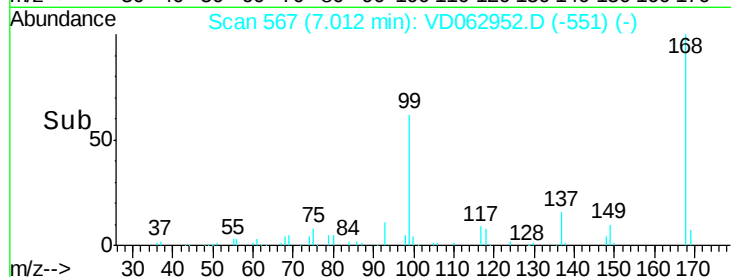
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 83.698 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062952.D

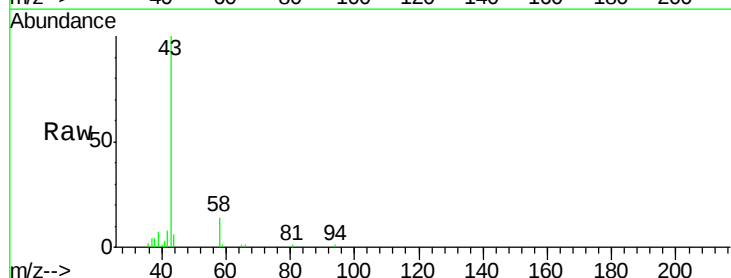
Acq: 28 Jun 2019 3:22

Tgt Ion: 43 Resp: 135276

Ion Ratio Lower Upper

43 100

58 14.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

50000

40000

30000

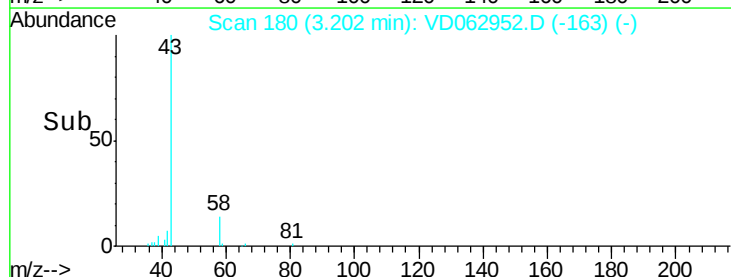
20000

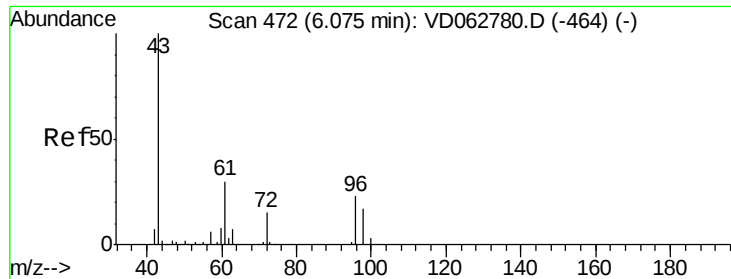
10000

0

3.10 3.20 3.30 3.40

Time-->





#25

2-Butanone

Concen: 16.040 ug/l

RT: 6.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: VD062952.D

Acq: 28 Jun 2019 3:22

Instrument :

MSVOA_D

ClientSampleId :

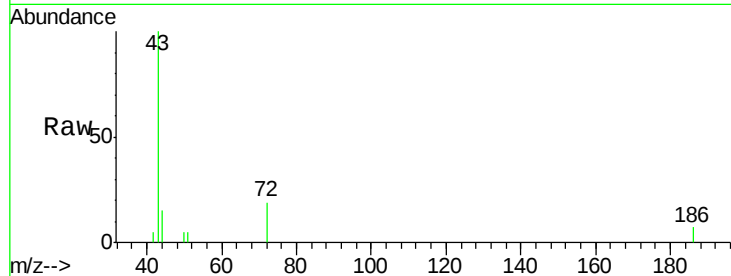
SAMPLE-11

Tot Ion: 43 Resp: 22650

Ion Ratio Lower Upper

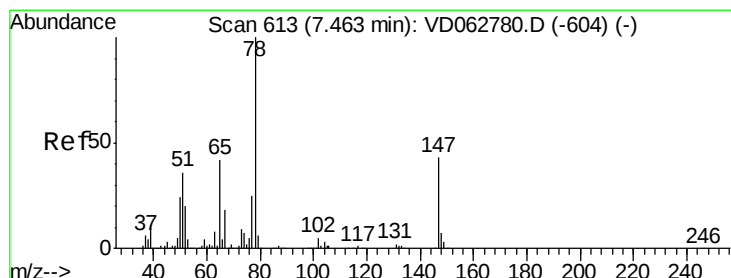
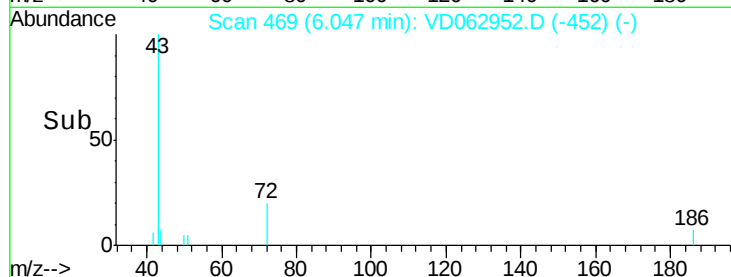
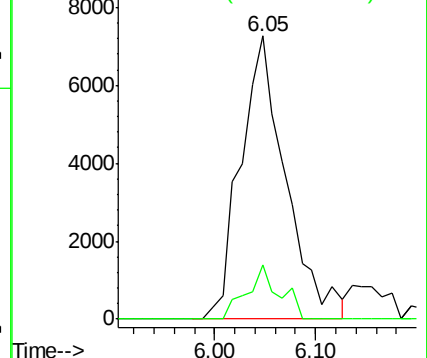
43 100

72 19.3 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.743 ug/l

RT: 7.43 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062952.D

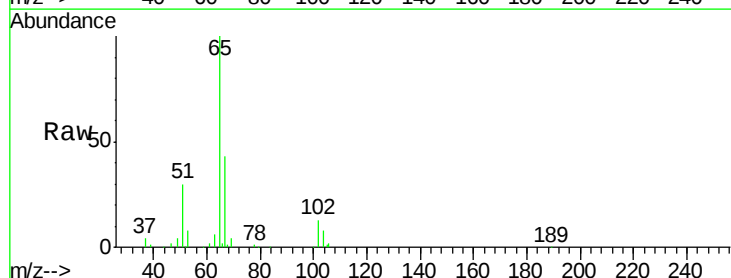
Acq: 28 Jun 2019 3:22

Tgt Ion: 65 Resp: 413319

Ion Ratio Lower Upper

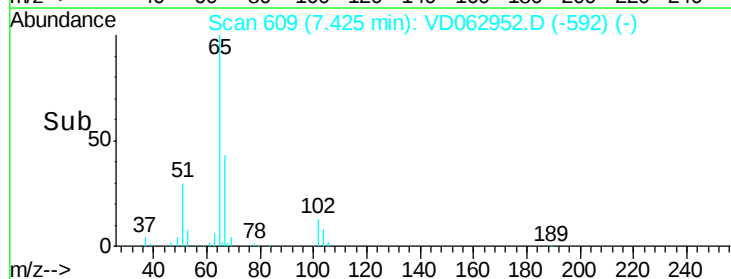
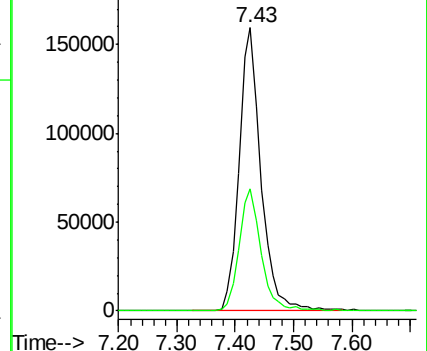
65 100

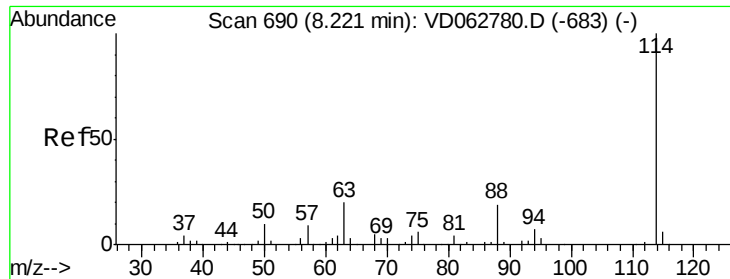
67 43.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

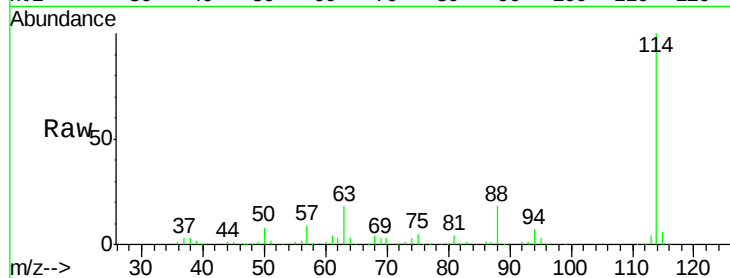




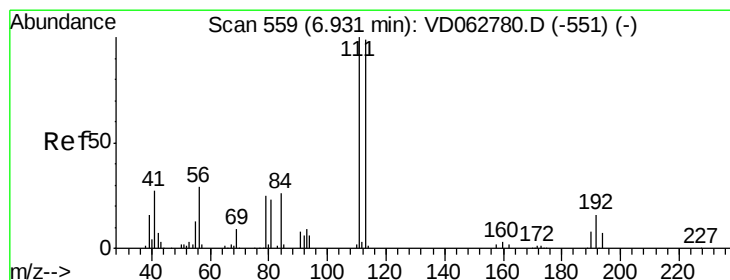
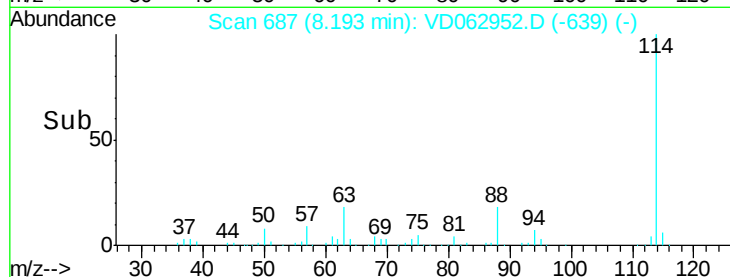
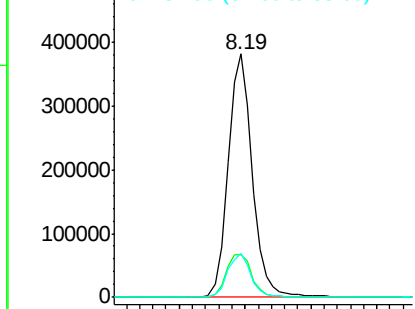
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.19 min Scan# 687
Delta R.T. -0.03 min
Lab File: VD062952.D
Acq: 28 Jun 2019 3:22

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-11

Tot Ion:114 Resp: 981208
Ion Ratio Lower Upper
114 100
63 17.7 0.0 40.0
88 18.1 0.0 38.8

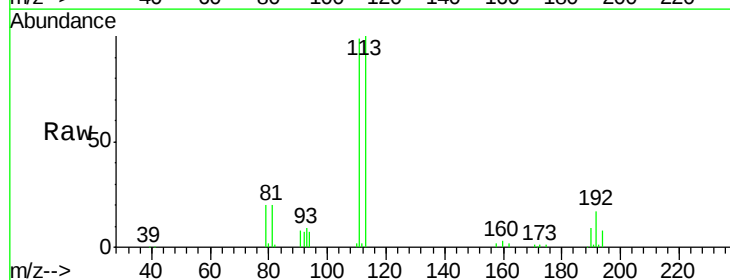


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

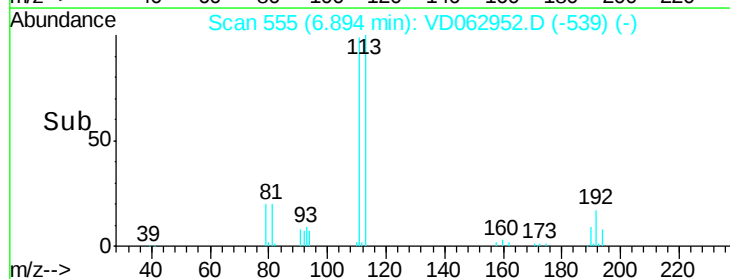
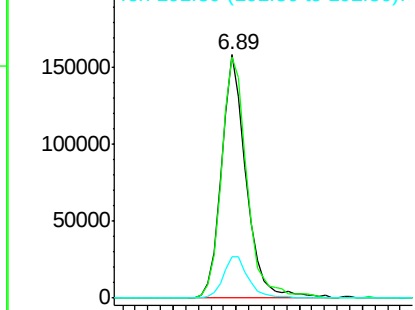


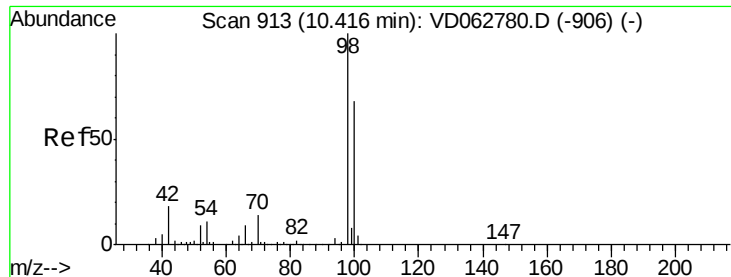
#35
Dibromofluoromethane
Concen: 52.177 ug/l
RT: 6.89 min Scan# 555
Delta R.T. -0.04 min
Lab File: VD062952.D
Acq: 28 Jun 2019 3:22

Tgt Ion:113 Resp: 431685
Ion Ratio Lower Upper
113 100
111 98.7 81.2 121.8
192 16.9 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 45.001 ug/l

RT: 10.39 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062952.D

Acq: 28 Jun 2019 3:22

Instrument :

MSVOA_D

ClientSampleId :

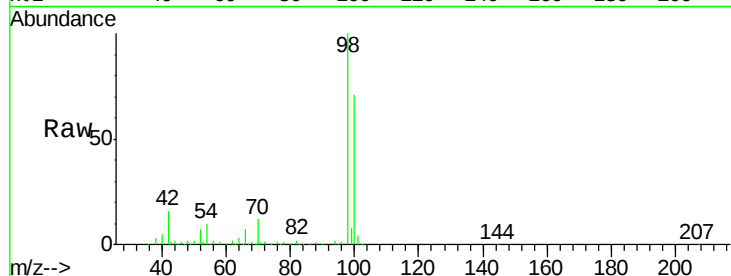
SAMPLE-11

Tot Ion: 98 Resp: 810329

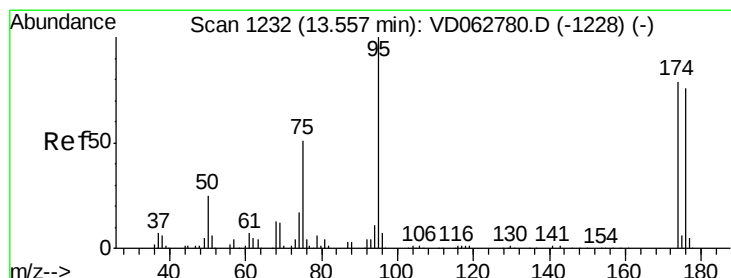
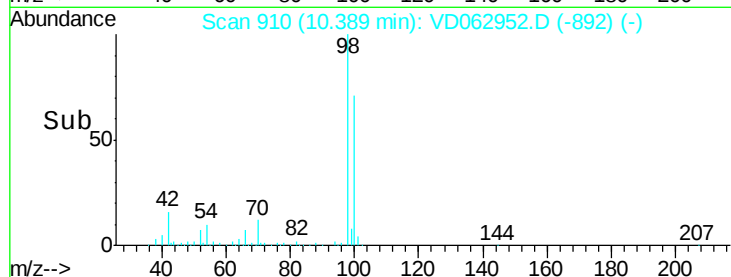
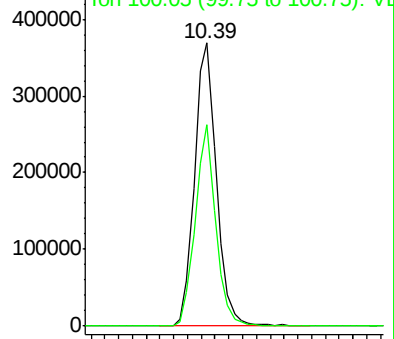
Ion Ratio Lower Upper

98 100

100 71.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)



#62

4-Bromofluorobenzene

Concen: 37.205 ug/l

RT: 13.54 min Scan# 1230

Delta R.T. -0.02 min

Lab File: VD062952.D

Acq: 28 Jun 2019 3:22

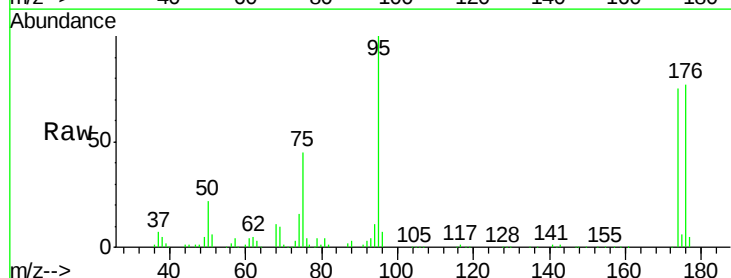
Tgt Ion: 95 Resp: 304628

Ion Ratio Lower Upper

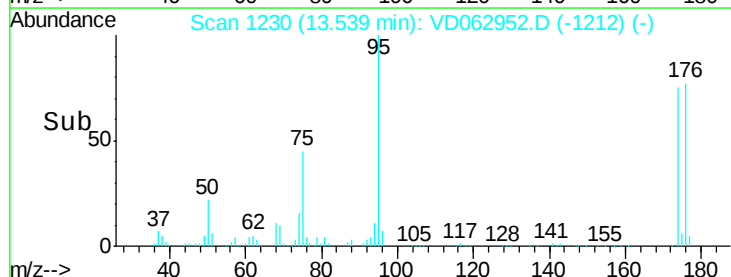
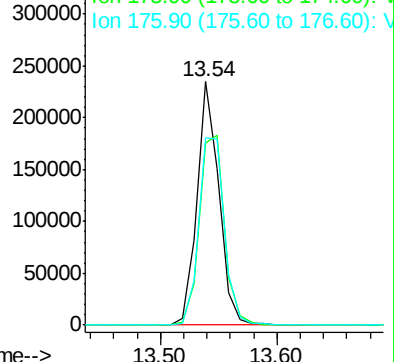
95 100

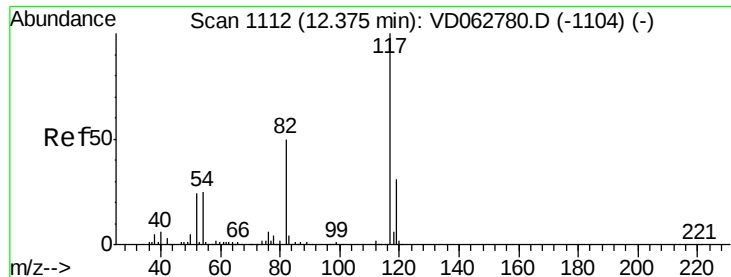
174 74.8 0.0 158.0

176 76.7 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

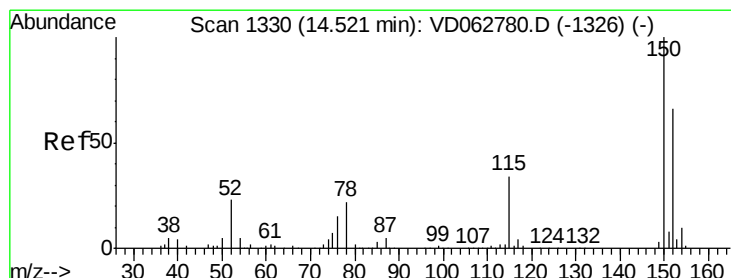
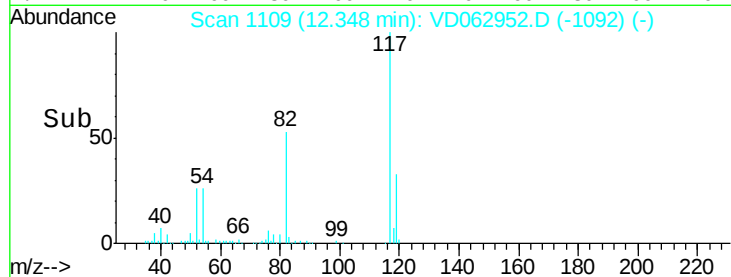
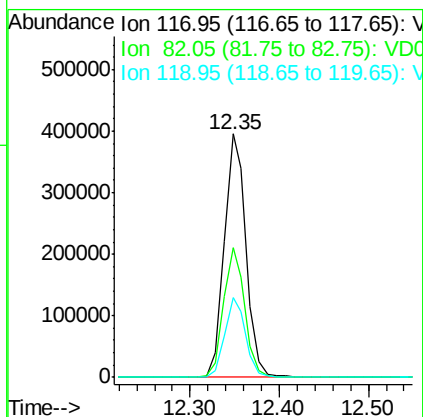
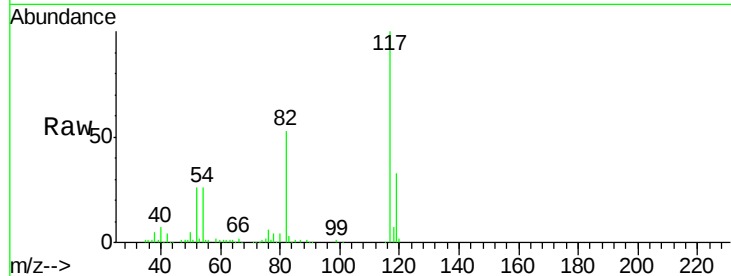




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1109
Delta R.T. -0.03 min
Lab File: VD062952.D
Acq: 28 Jun 2019 3:22

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-11

Tot Ion:117 Resp: 681780
Ion Ratio Lower Upper
117 100
82 53.2 40.4 60.6
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. -0.02 min
Lab File: VD062952.D
Acq: 28 Jun 2019 3:22

Tgt Ion:152 Resp: 259381
Ion Ratio Lower Upper
152 100
115 65.7 29.2 87.6
150 162.1 0.0 305.8

