

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062841.D
 Acq On : 24 Jun 2019 15:37
 Operator : VA/AP
 Sample : K3499-02
 Misc : 4.77g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(11-12)

Quant Time: Jun 25 05:33:40 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

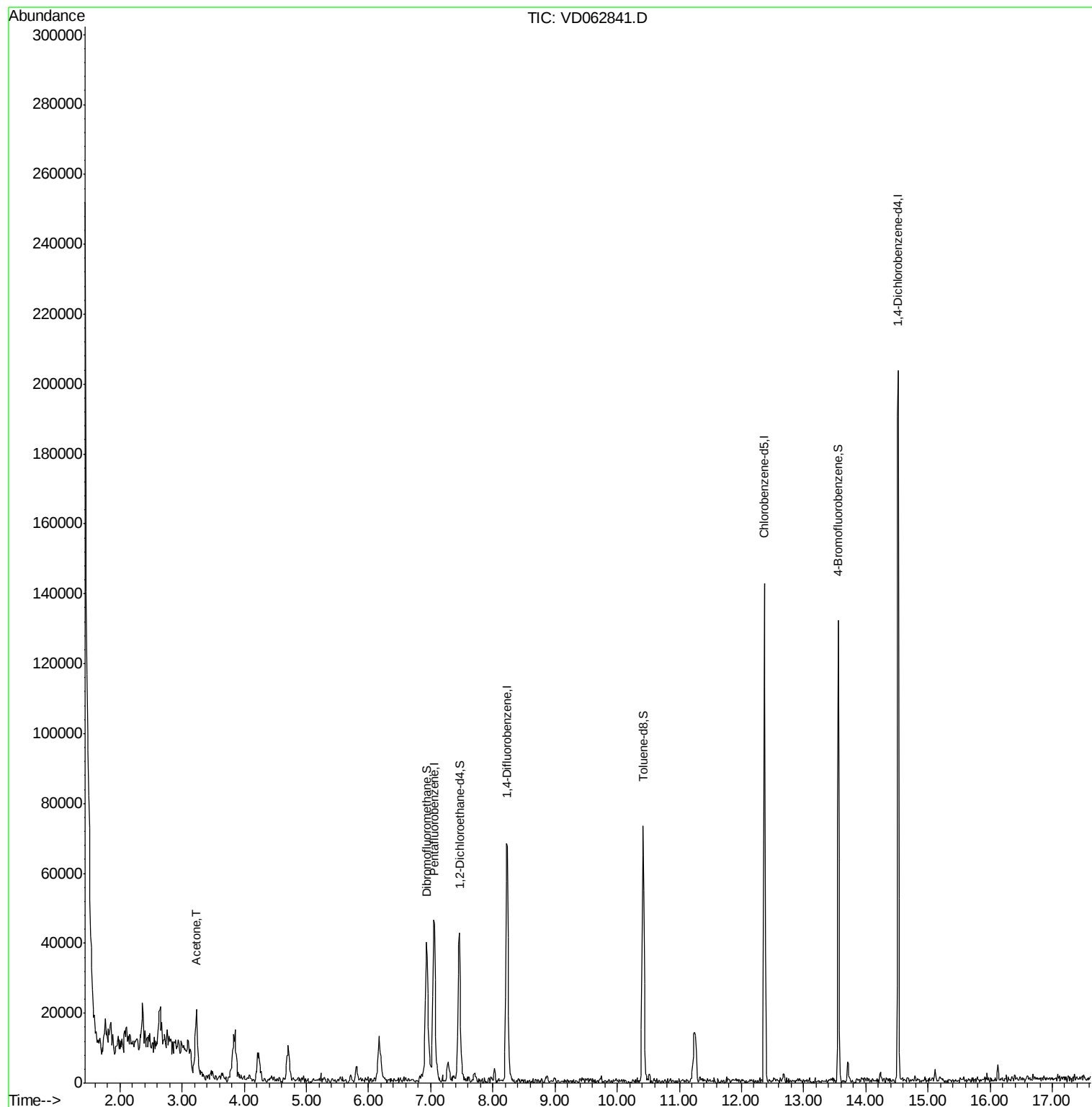
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	46245	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	75075	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	73487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	42909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	47023	93.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	187.10%	
35) Dibromofluoromethane	6.93	113	34465	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
50) Toluene-d8	10.42	98	61648	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.50%	
62) 4-Bromofluorobenzene	13.56	95	36109	57.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.28%	
Target Compounds						
16) Acetone	3.23	43	39299	389.419	ug/l	Qvalue 96

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

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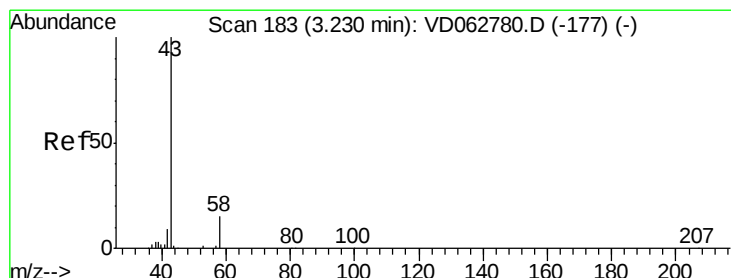
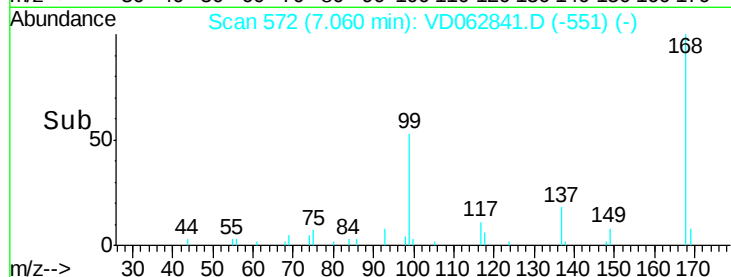
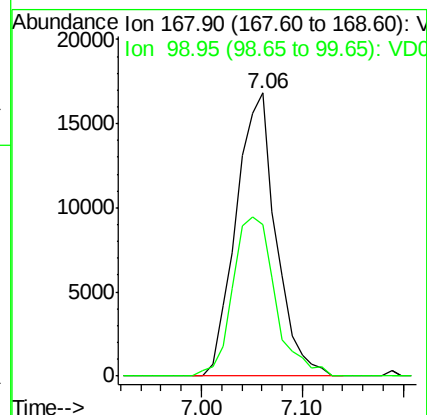
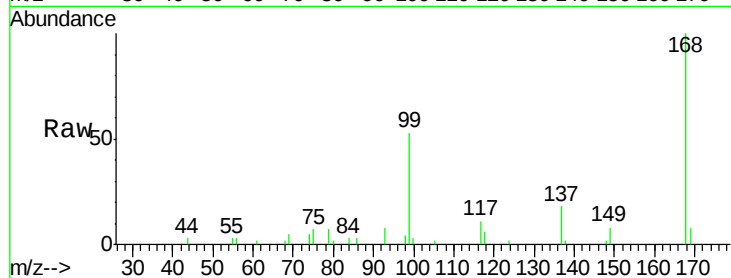




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD062841.D
Acq: 24 Jun 2019 15:37

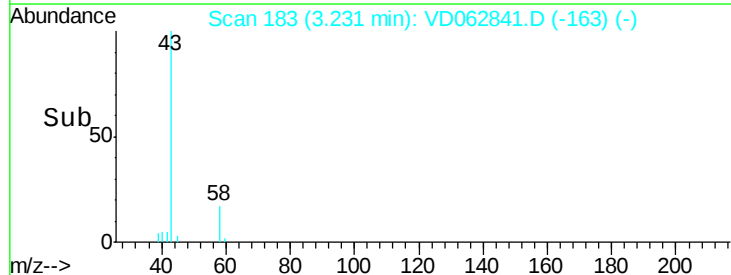
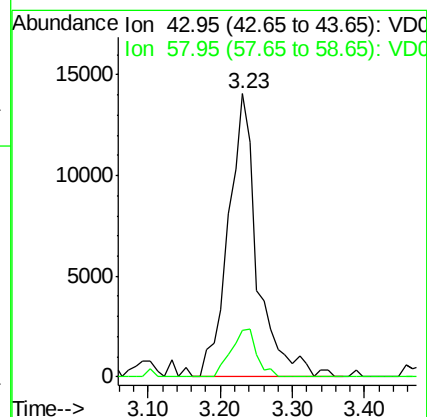
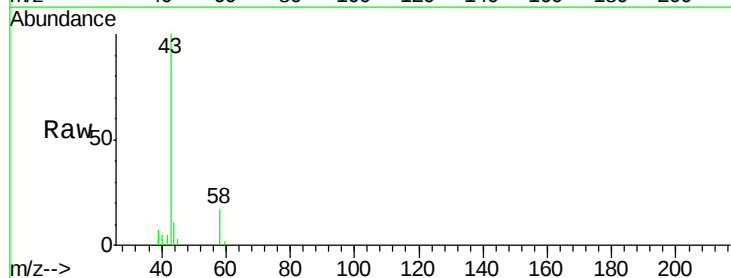
Instrument :
MSVOA_D
ClientSampleId :
B-2(11-12)

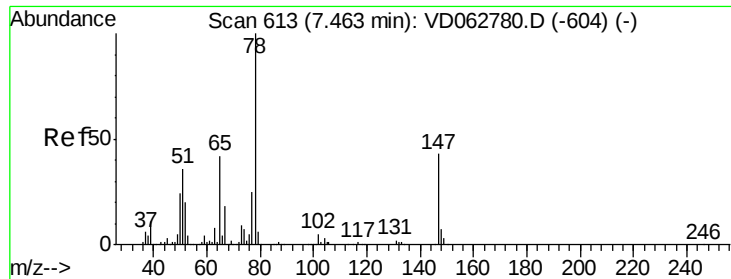
Tot Ion:168 Resp: 46245
Ion Ratio Lower Upper
168 100
99 53.3 53.0 79.6



#16
Acetone
Concen: 389.419 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD062841.D
Acq: 24 Jun 2019 15:37

Tgt Ion: 43 Resp: 39299
Ion Ratio Lower Upper
43 100
58 16.6 11.9 17.9





#33

1,2-Dichloroethane-d4

Concen: 93.545 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062841.D

Acq: 24 Jun 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

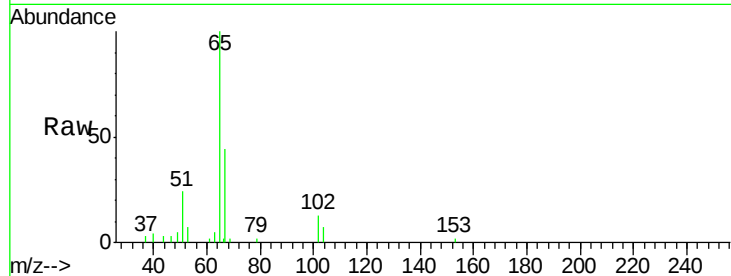
B-2(11-12)

Tot Ion: 65 Resp: 47023

Ion Ratio Lower Upper

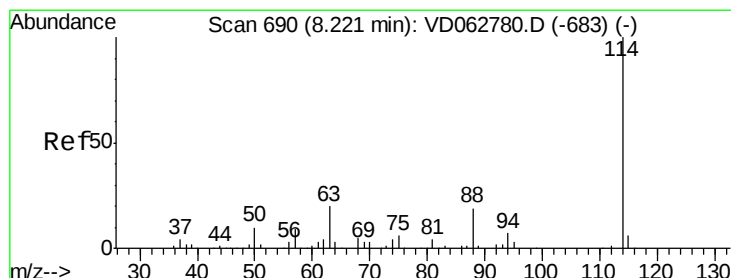
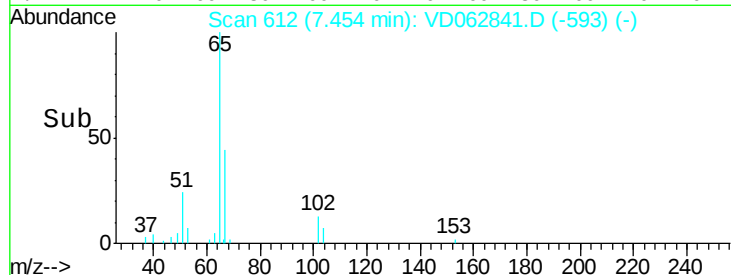
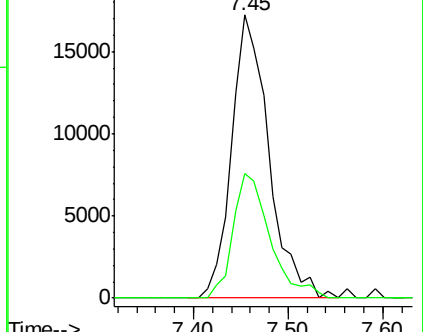
65 100

67 44.2 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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062841.D

Acq: 24 Jun 2019 15:37

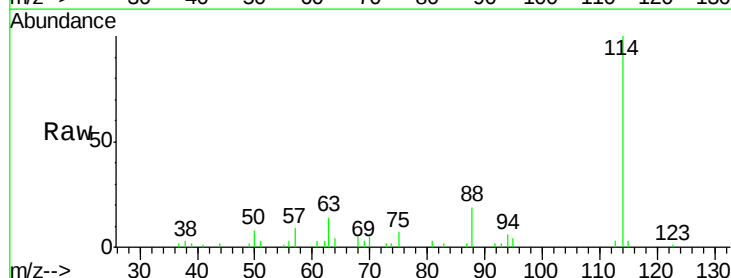
Tgt Ion: 114 Resp: 75075

Ion Ratio Lower Upper

114 100

63 14.0 0.0 40.0

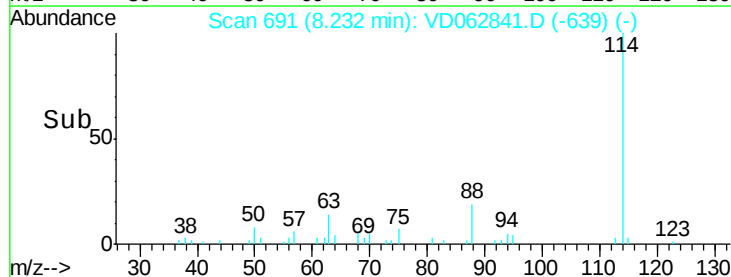
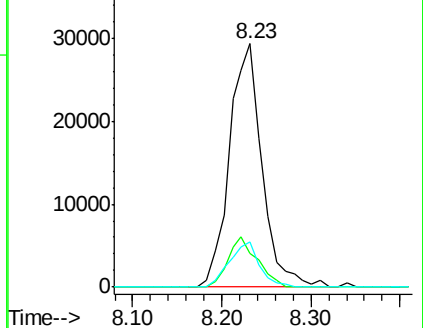
88 18.6 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 54.445 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD062841.D

Acq: 24 Jun 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

B-2(11-12)

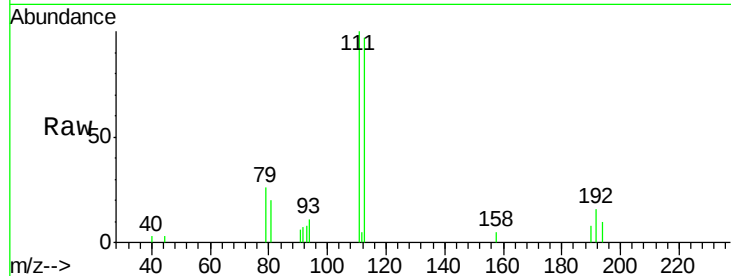
Tot Ion:113 Resp: 34465

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

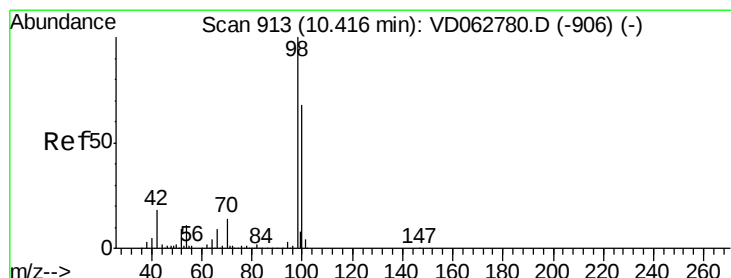
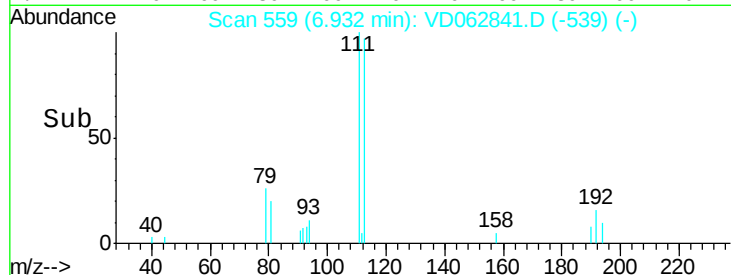
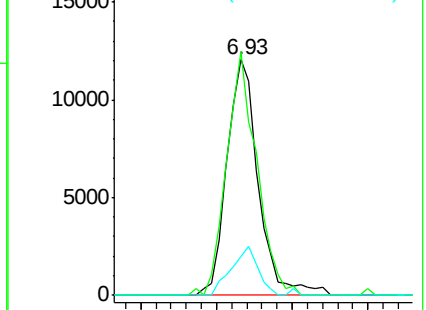
192 16.2 12.9 19.3



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: 44.745 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062841.D

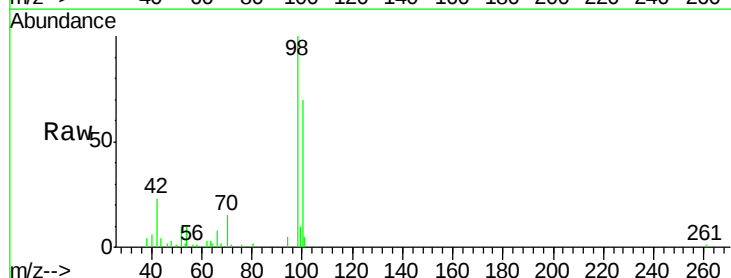
Acq: 24 Jun 2019 15:37

Tgt Ion: 98 Resp: 61648

Ion Ratio Lower Upper

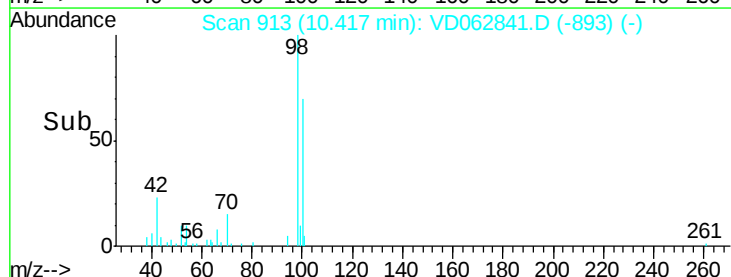
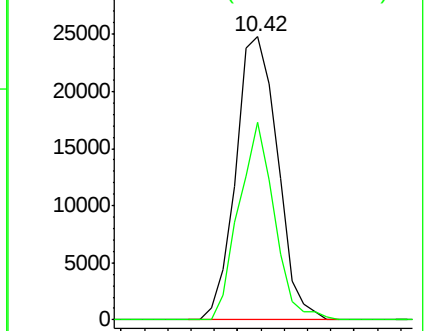
98 100

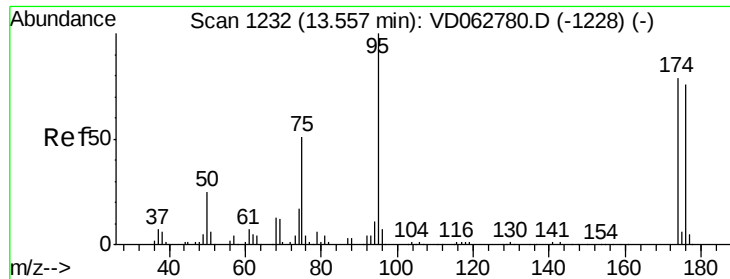
100 69.9 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

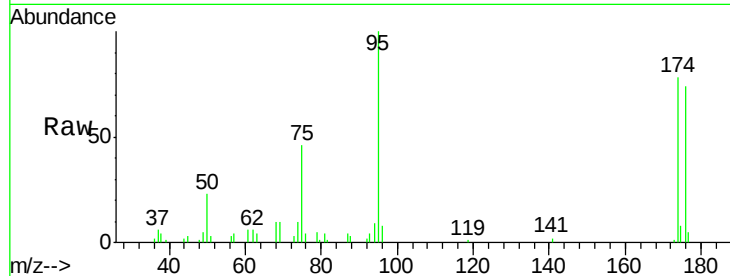




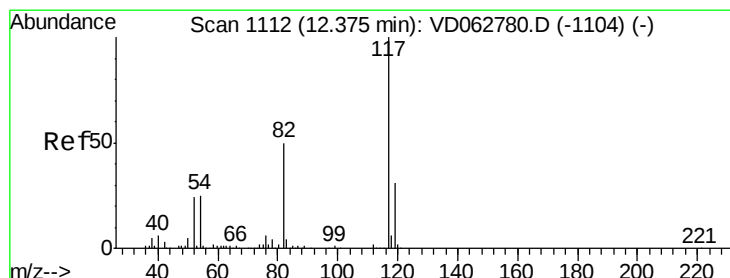
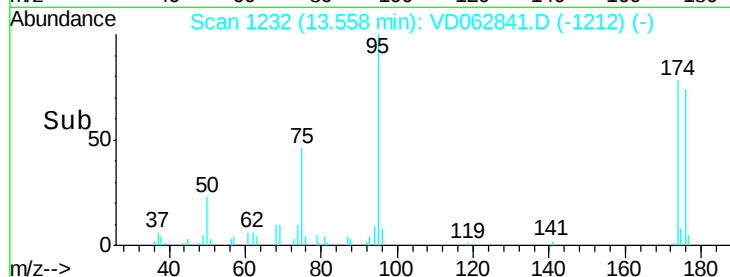
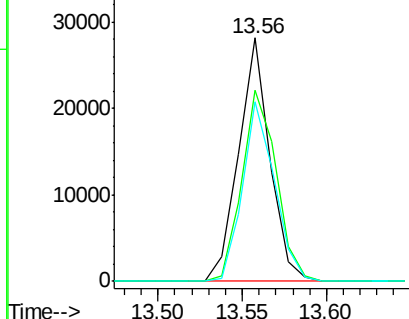
#62
4-Bromofluorobenzene
Concen: 57.638 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062841.D
Acq: 24 Jun 2019 15:37

Instrument :
MSVOA_D
ClientSampleId :
B-2(11-12)

Tot Ion: 95 Resp: 36109
Ion Ratio Lower Upper
95 100
174 78.3 0.0 158.0
176 73.7 0.0 151.6

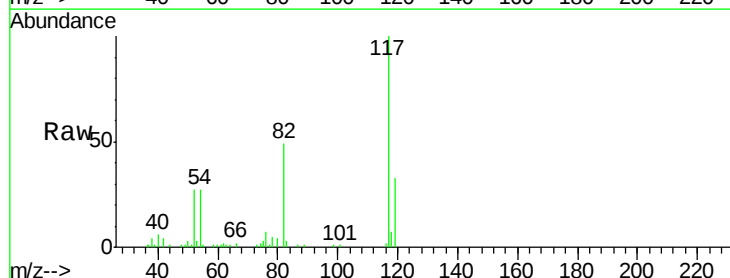


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

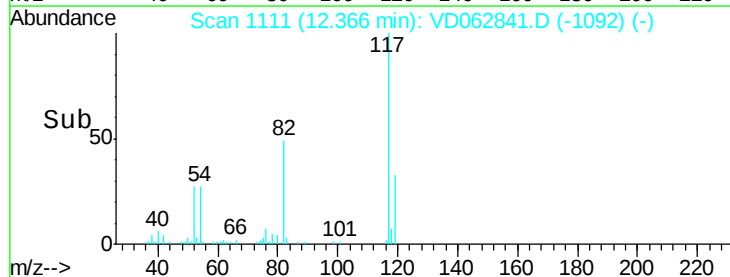
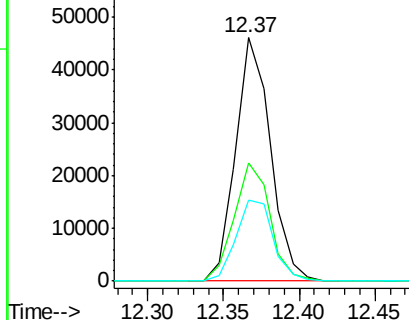


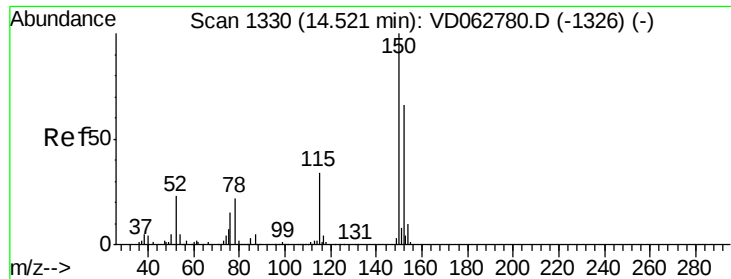
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062841.D
Acq: 24 Jun 2019 15:37

Tgt Ion: 117 Resp: 73487
Ion Ratio Lower Upper
117 100
82 48.6 40.4 60.6
119 33.1 25.2 37.8



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062841.D

Acq: 24 Jun 2019 15:37

Instrument :

MSVOA_D

ClientSampleId :

B-2(11-12)

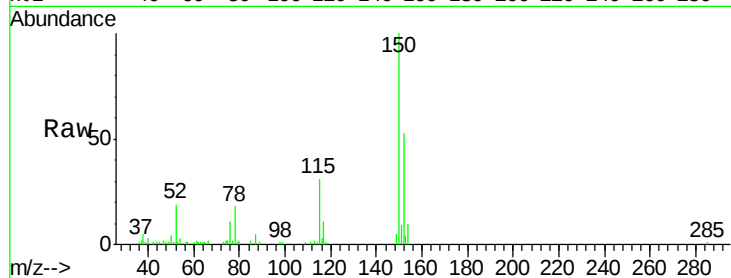
Tot Ion:152 Resp: 42909

Ion Ratio Lower Upper

152 100

115 57.9 29.2 87.6

150 187.3 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

