

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062967.D
 Acq On : 28 Jun 2019 15:44
 Operator : VA/AP
 Sample : K3158-07
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-062719

Quant Time: Jun 29 00:56:26 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

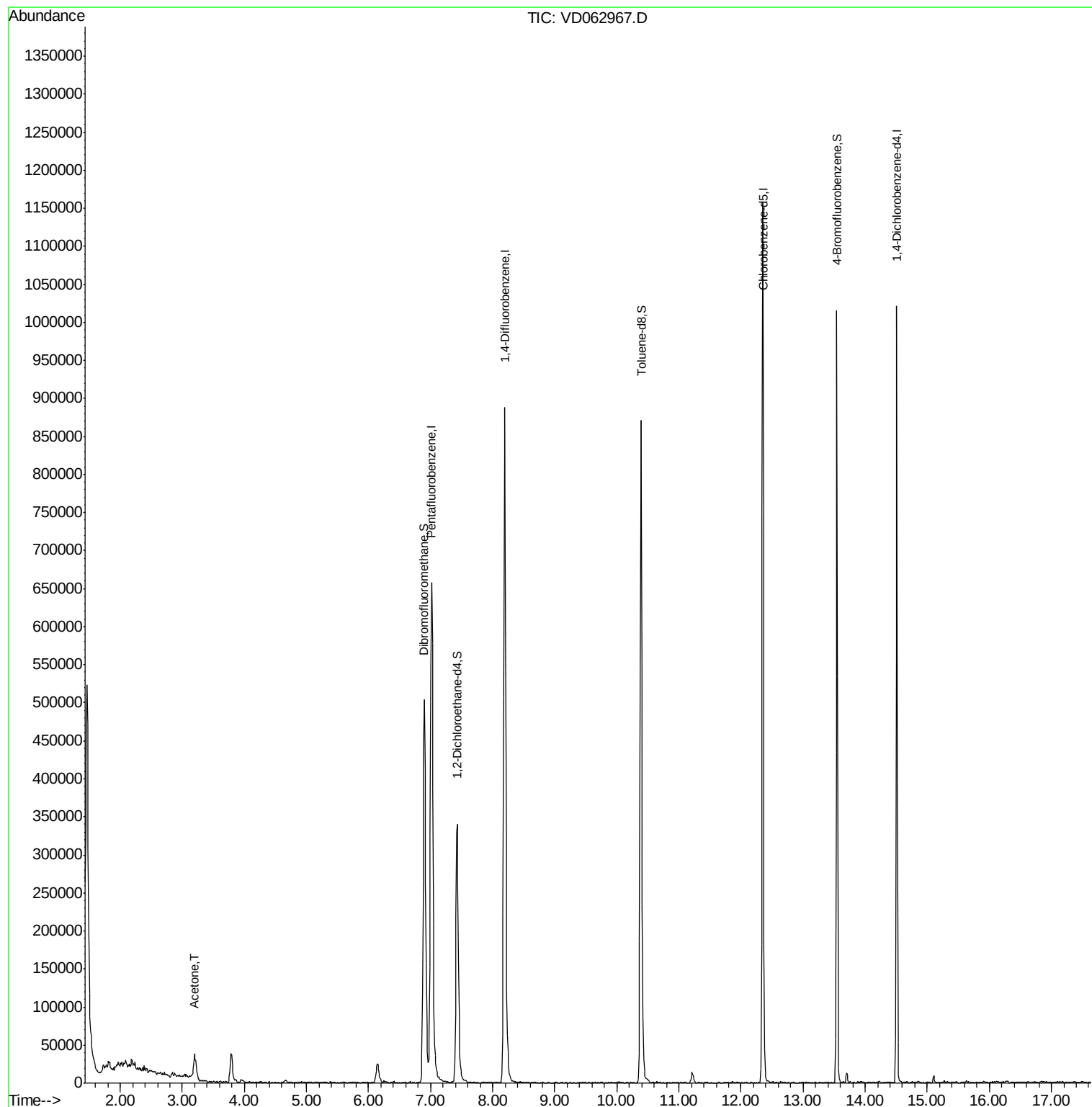
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	619974	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	905167	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	580680	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	202828	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	422996	62.77	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	125.54%	
35) Dibromofluoromethane	6.90	113	432860	56.71	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.42%	
50) Toluene-d8	10.39	98	707776	42.61	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.22%	
62) 4-Bromofluorobenzene	13.54	95	245226	32.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.94%	
Target Compounds						
16) Acetone	3.20	43	64619	41.448	ug/l	Qvalue 98

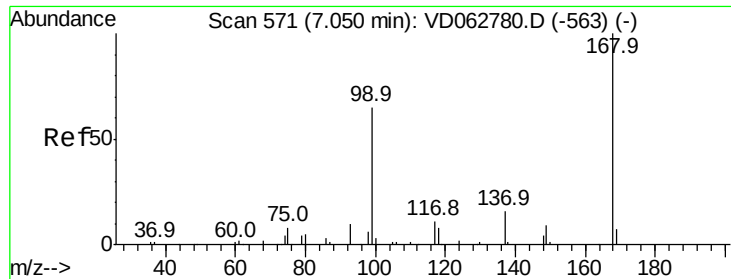
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062967.D

Acq: 28 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

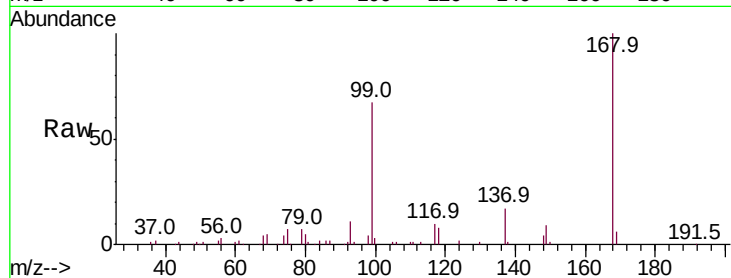
OK-02-062719

Tot Ion:168 Resp: 619974

Ion Ratio Lower Upper

168 100

99 66.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

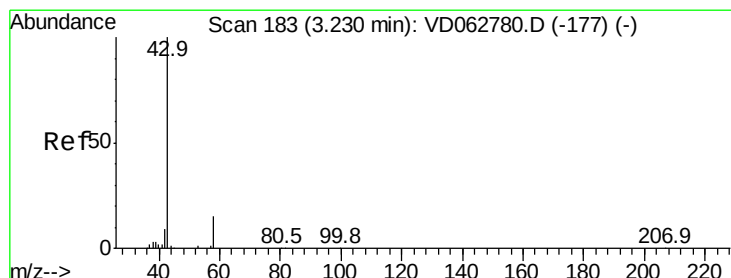
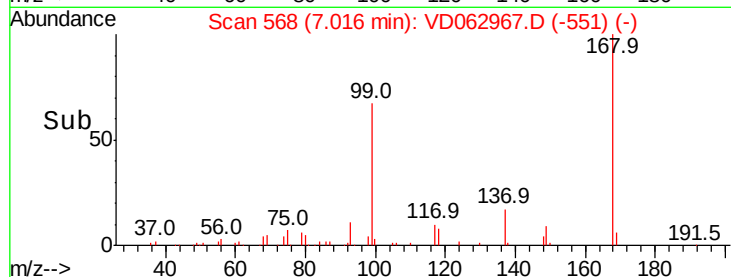
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 41.448 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062967.D

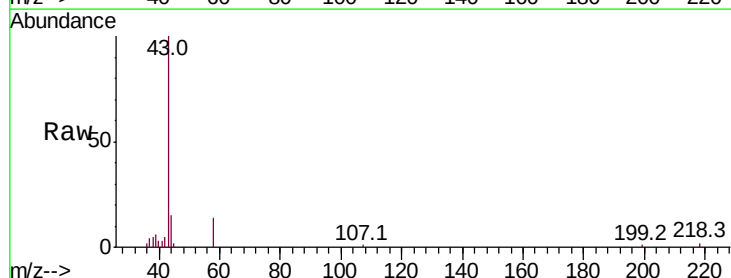
Acq: 28 Jun 2019 15:44

Tgt Ion: 43 Resp: 64619

Ion Ratio Lower Upper

43 100

58 13.9 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

25000

20000

15000

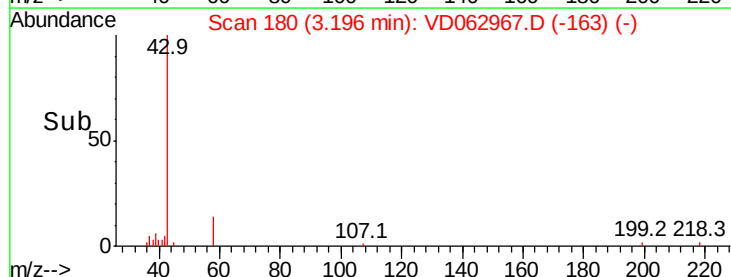
10000

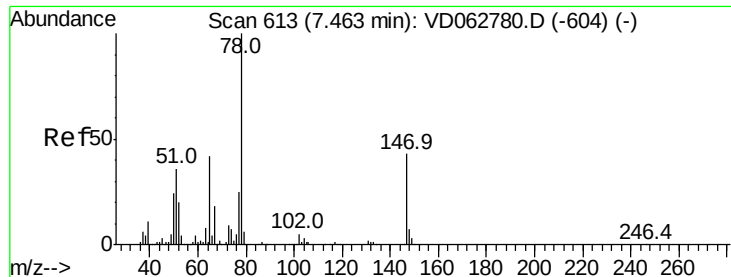
5000

0

3.10 3.20 3.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 62.768 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062967.D

Acq: 28 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

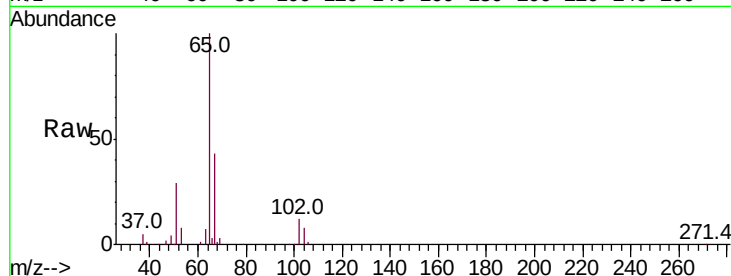
OK-02-062719

Tot Ion: 65 Resp: 422996

Ion Ratio Lower Upper

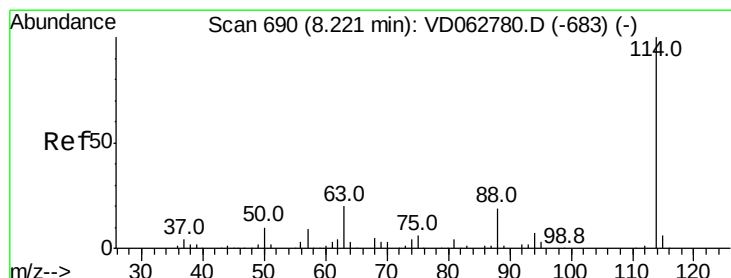
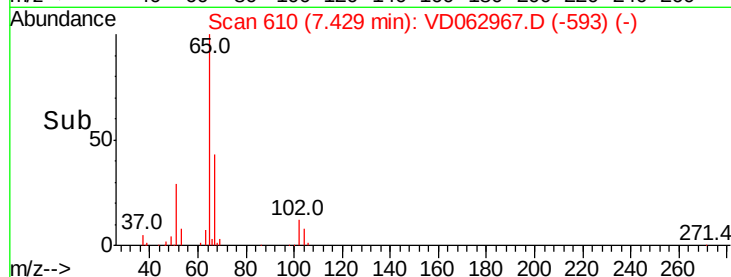
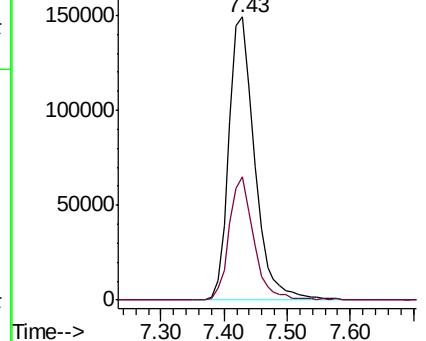
65 100

67 43.5 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: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062967.D

Acq: 28 Jun 2019 15:44

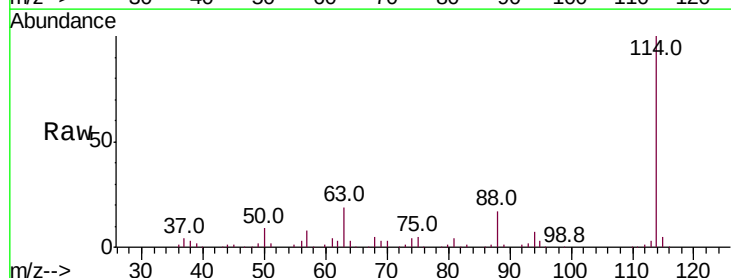
Tgt Ion: 114 Resp: 905167

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

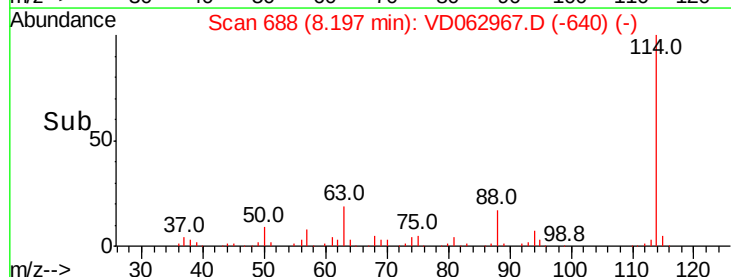
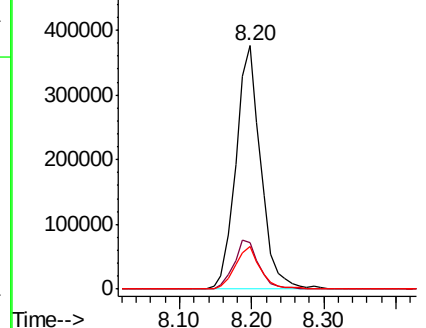
88 17.4 0.0 38.8

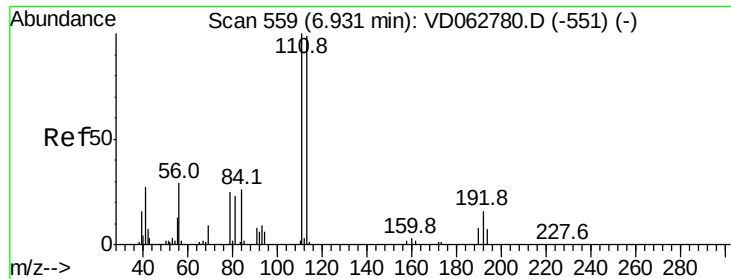


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 56.714 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062967.D

Acq: 28 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

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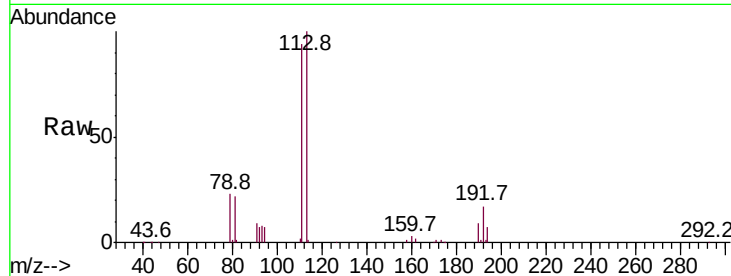
Tot Ion:113 Resp: 432860

Ion Ratio Lower Upper

113 100

111 94.2 81.2 121.8

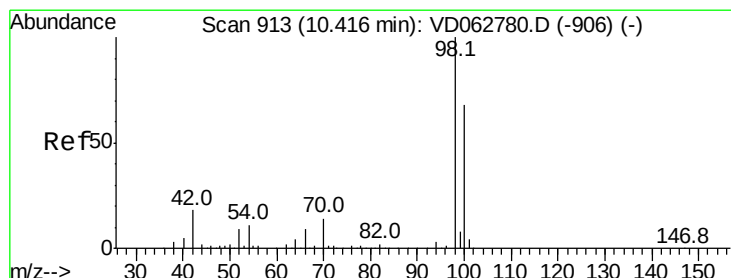
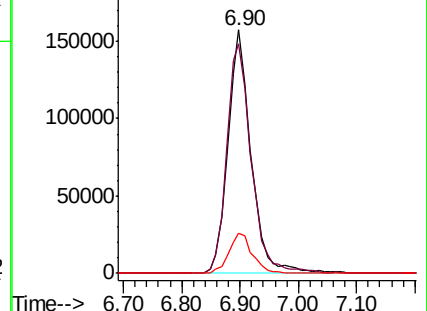
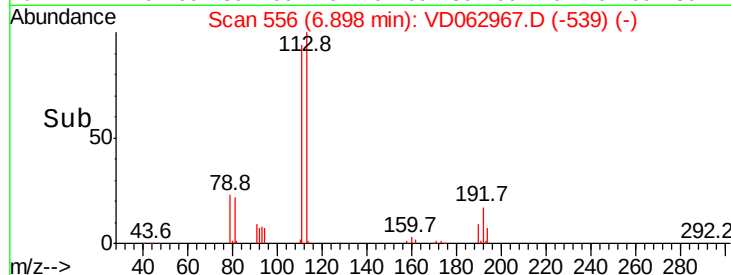
192 16.7 12.9 19.3



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: 42.608 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062967.D

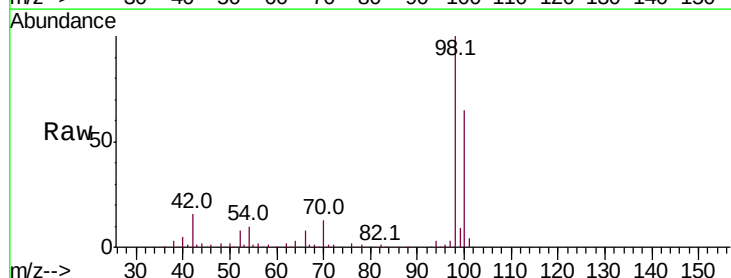
Acq: 28 Jun 2019 15:44

Tgt Ion: 98 Resp: 707776

Ion Ratio Lower Upper

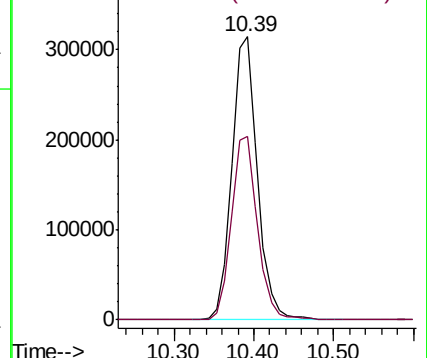
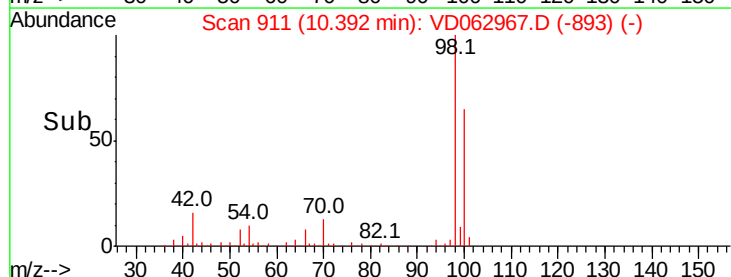
98 100

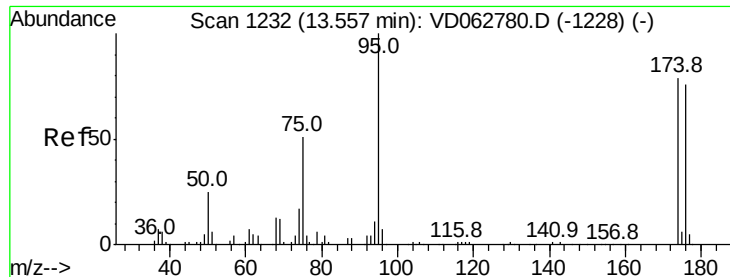
100 64.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 32.466 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062967.D

Acq: 28 Jun 2019 15:44

Instrument :

MSVOA_D

ClientSampleId :

OK-02-062719

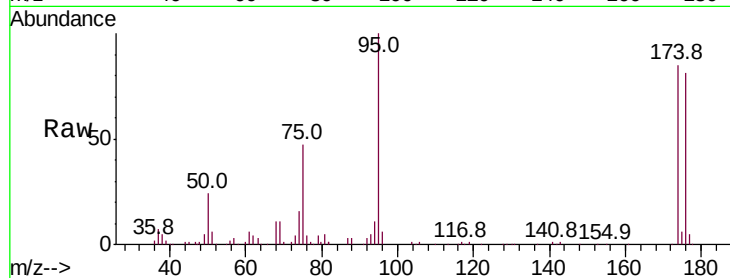
Tot Ion: 95 Resp: 245226

Ion Ratio Lower Upper

95 100

174 84.8 0.0 158.0

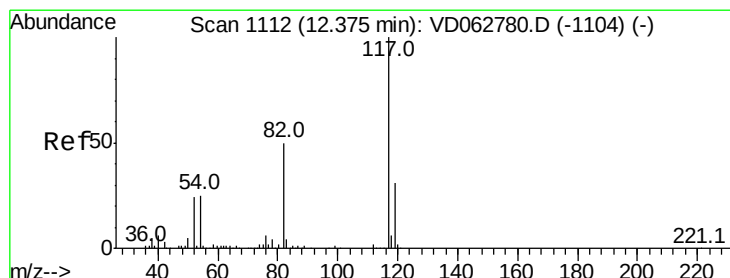
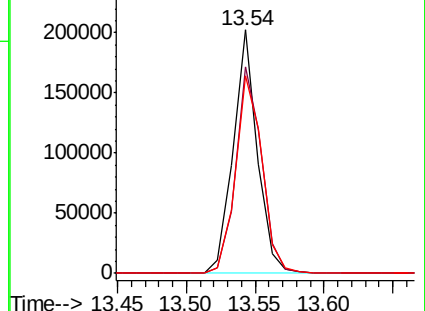
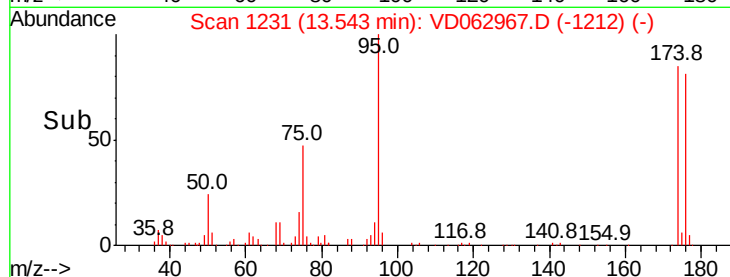
176 81.0 0.0 151.6



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: 12.35 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD062967.D

Acq: 28 Jun 2019 15:44

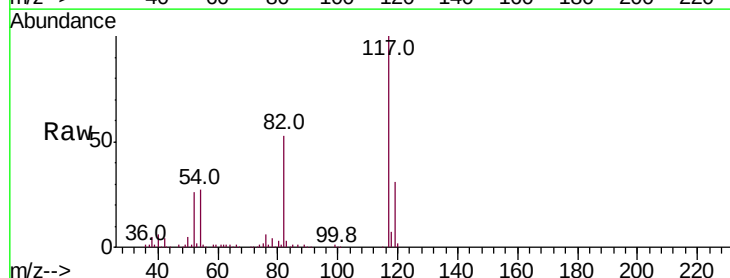
Tgt Ion: 117 Resp: 580680

Ion Ratio Lower Upper

117 100

82 53.3 40.4 60.6

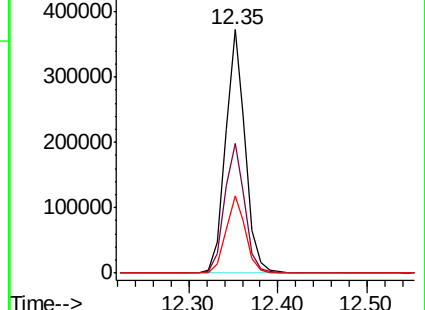
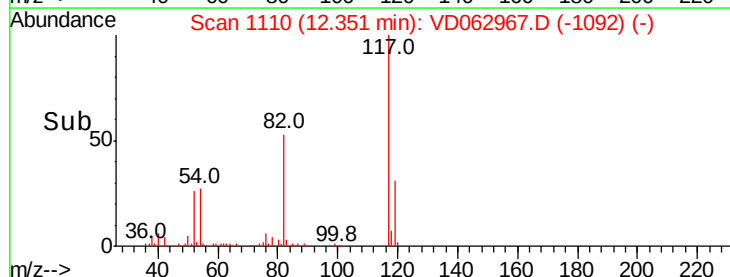
119 31.5 25.2 37.8

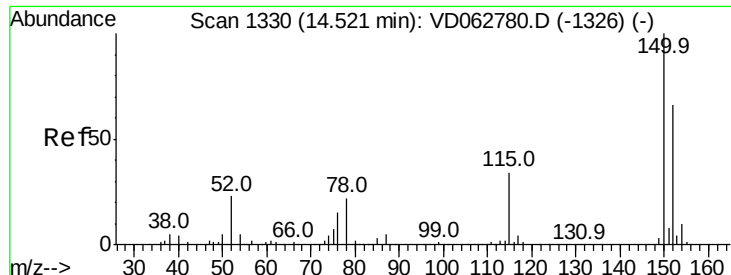


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

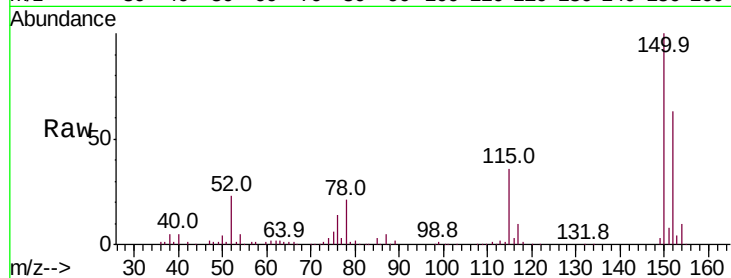




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD062967.D
 Acq: 28 Jun 2019 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-062719

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.2	87.6
150	159.3	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

