

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063048.D
 Acq On : 8 Jul 2019 20:35
 Operator : VA/AP
 Sample : K3627-01
 Misc : 4.56g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 TR-05-070819

Quant Time: Jul 09 06:05:35 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

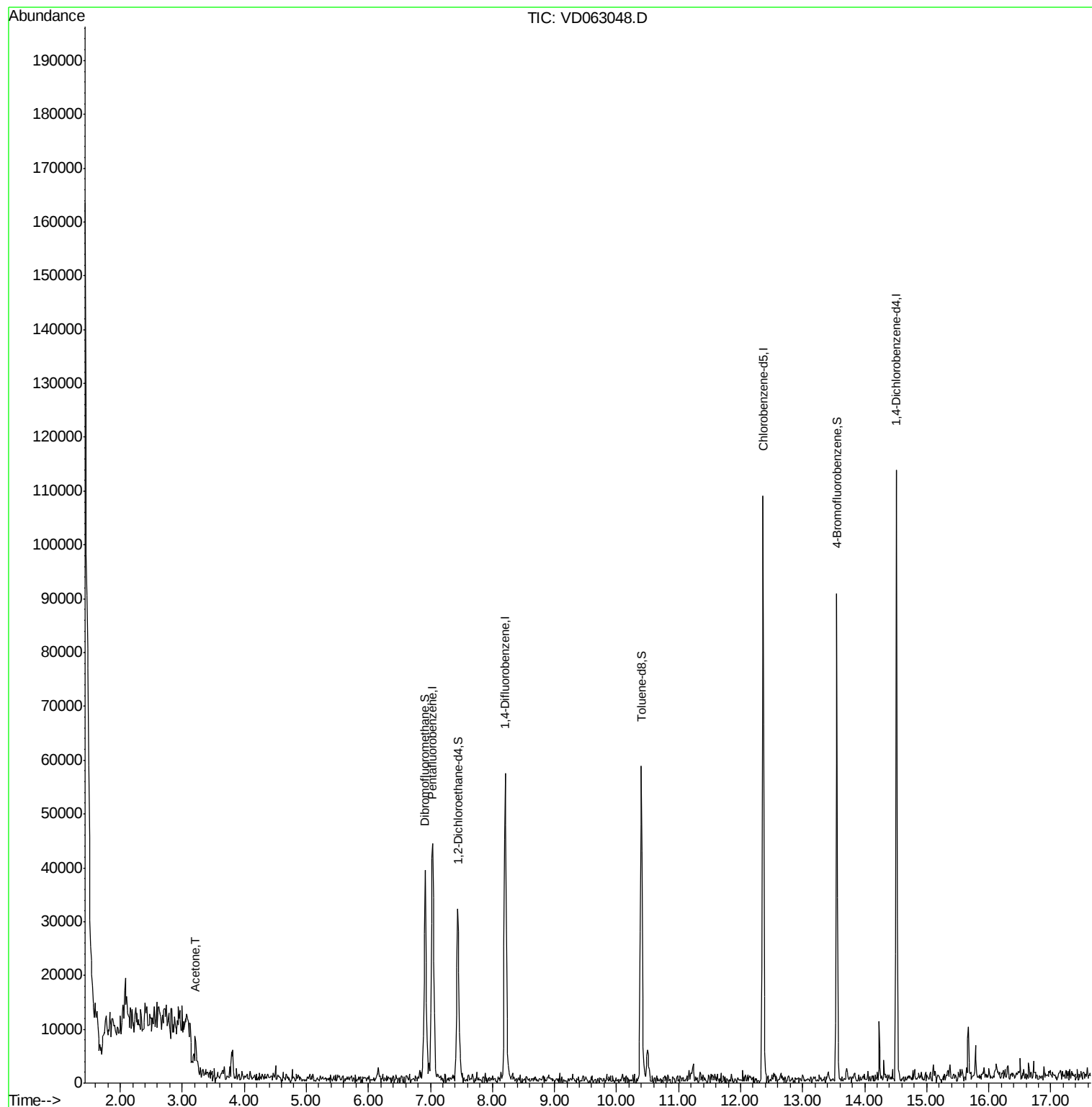
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	42468	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	57653	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	55951	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	29071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	36506	79.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	158.16%	
35) Dibromofluoromethane	6.92	113	27066	55.68	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.36%	
50) Toluene-d8	10.40	98	45581	43.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.16%	
62) 4-Bromofluorobenzene	13.55	95	22558	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
Target Compounds						
16) Acetone	3.22	43	11967	124.318	ug/l #	Qvalue 91

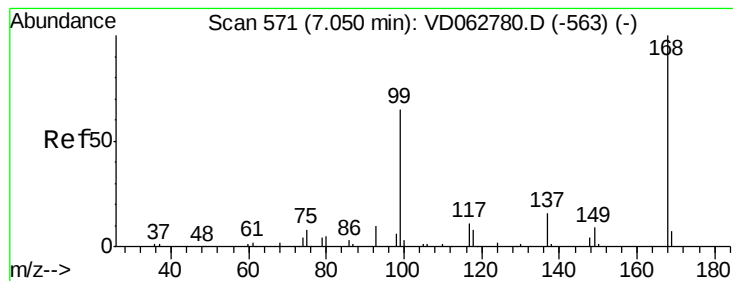
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

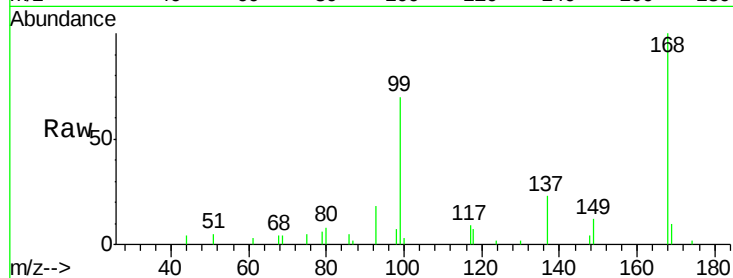
TR-05-070819

Tot Ion:168 Resp: 42468

Ion Ratio Lower Upper

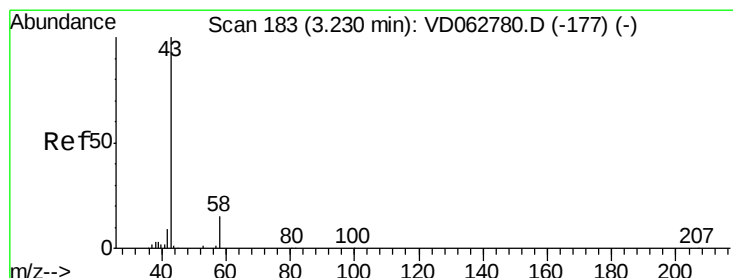
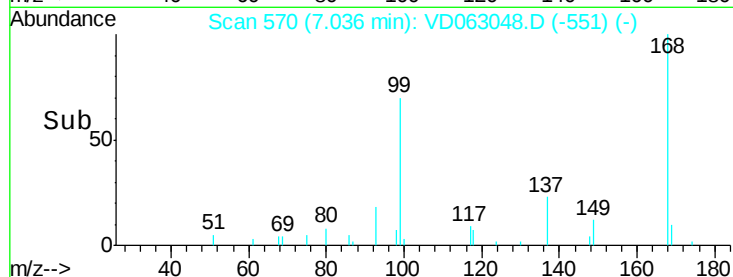
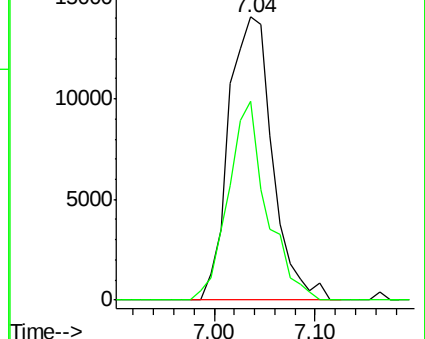
168 100

99 70.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 124.318 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063048.D

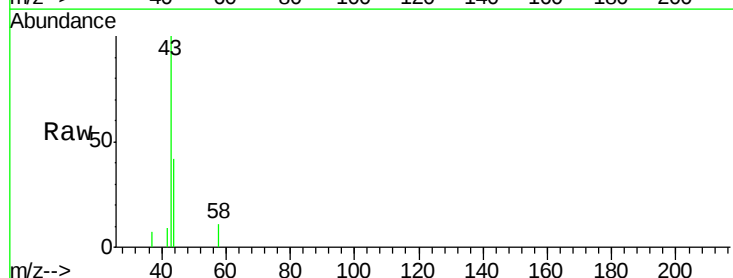
Acq: 8 Jul 2019 20:35

Tgt Ion: 43 Resp: 11967

Ion Ratio Lower Upper

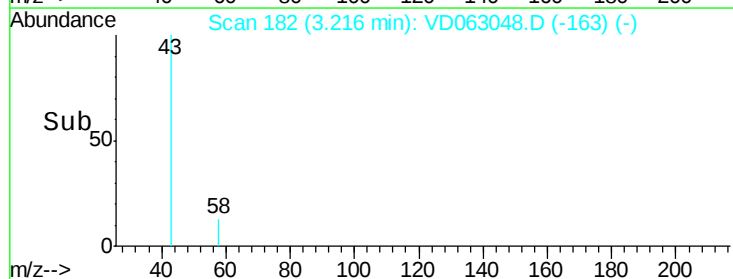
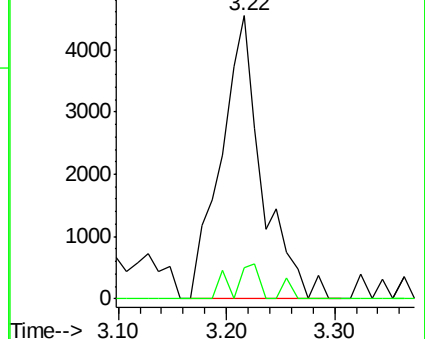
43 100

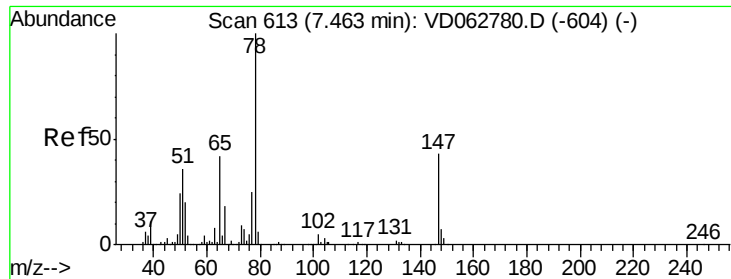
58 11.1 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 79.082 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063048.D

Acq: 8 Jul 2019 20:35

Instrument :

MSVOA_D

ClientSampleId :

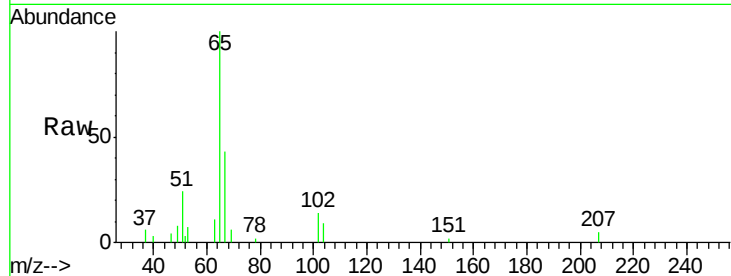
TR-05-070819

Tot Ion: 65 Resp: 36506

Ion Ratio Lower Upper

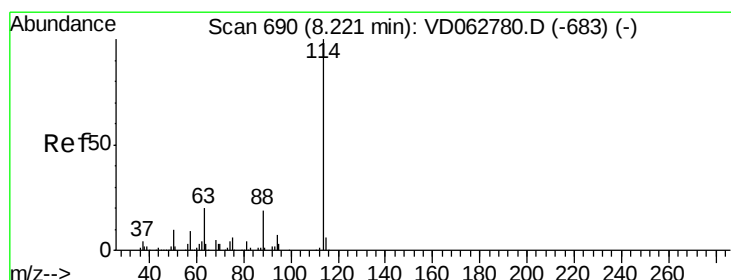
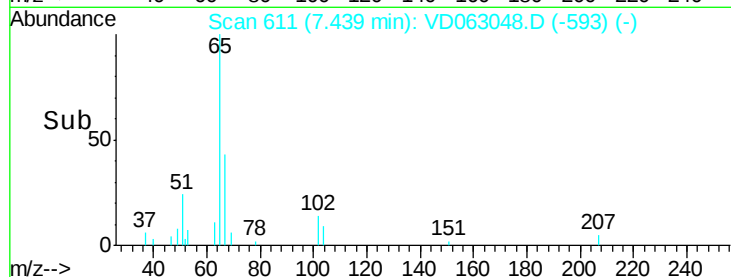
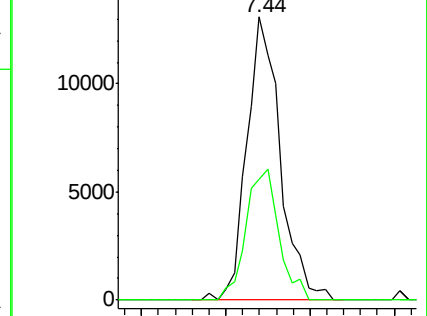
65 100

67 42.7 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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD063048.D

Acq: 8 Jul 2019 20:35

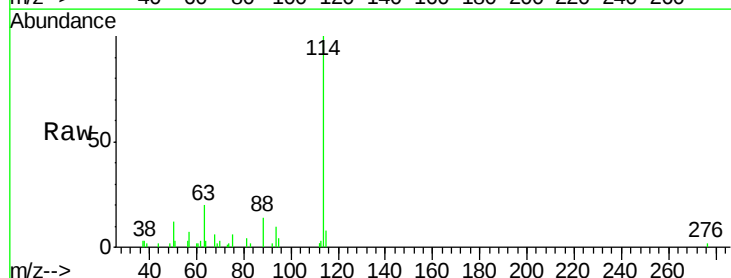
Tgt Ion: 114 Resp: 57653

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

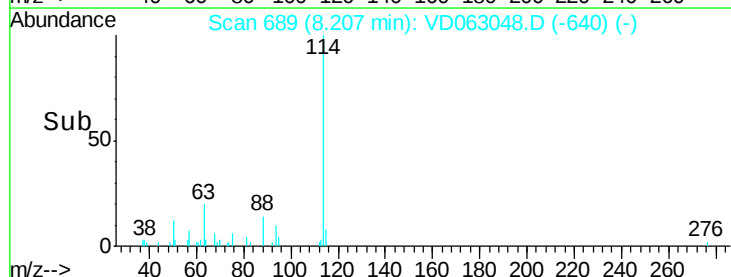
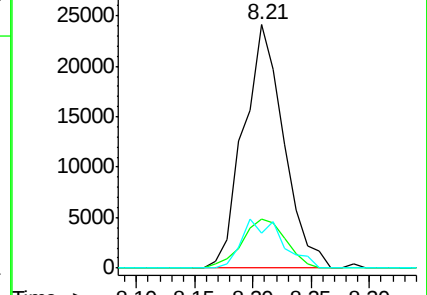
88 14.2 0.0 38.8

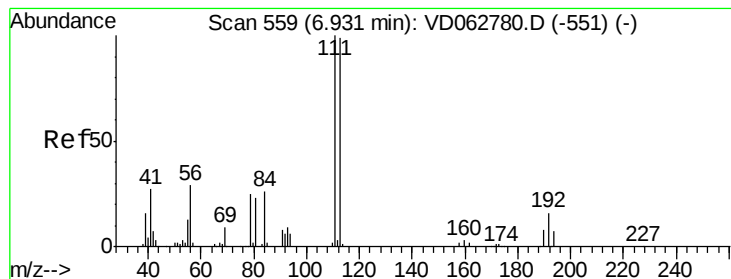


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 55.677 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063048.D

Acq: 8 Jul 2019 20:35

Instrument :

MSVOA_D

ClientSampleId :

TR-05-070819

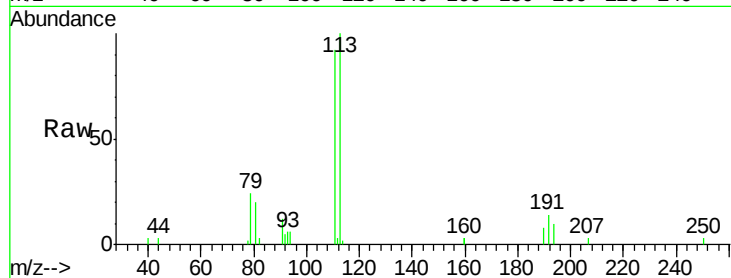
Tot Ion:113 Resp: 27066

Ion Ratio Lower Upper

113 100

111 92.0 81.2 121.8

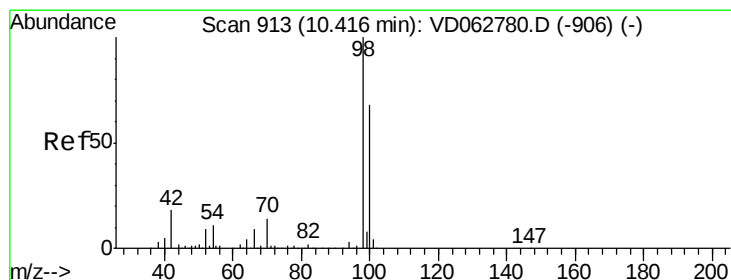
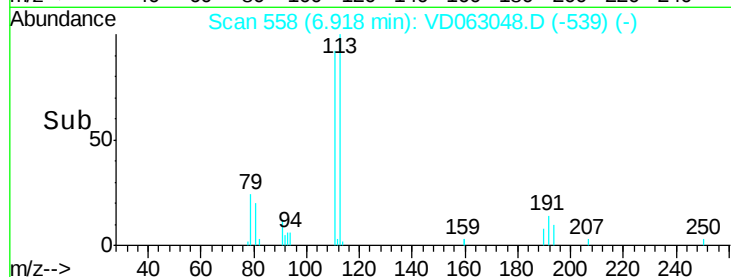
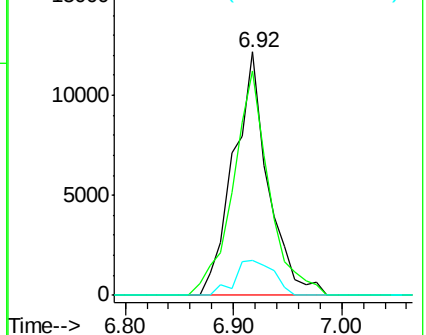
192 14.2 12.9 19.3



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: 43.081 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063048.D

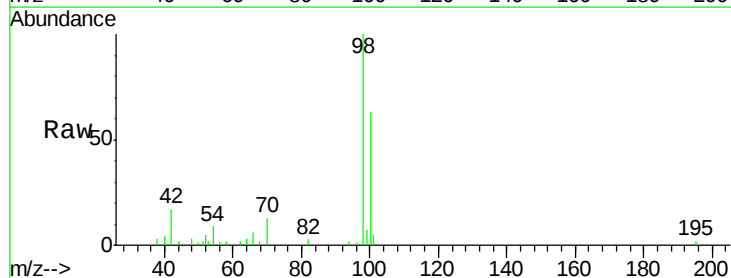
Acq: 8 Jul 2019 20:35

Tgt Ion: 98 Resp: 45581

Ion Ratio Lower Upper

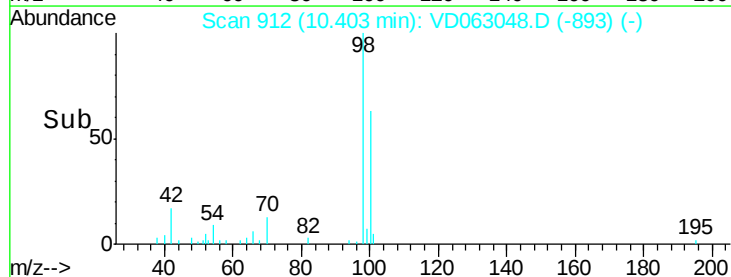
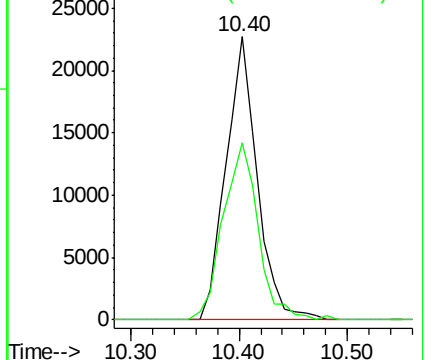
98 100

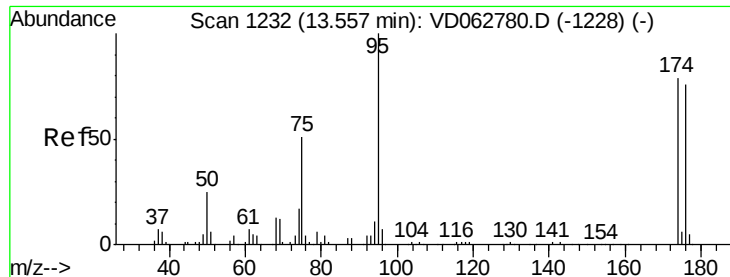
100 62.6 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

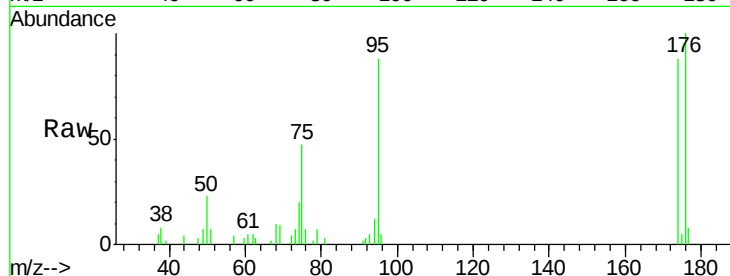




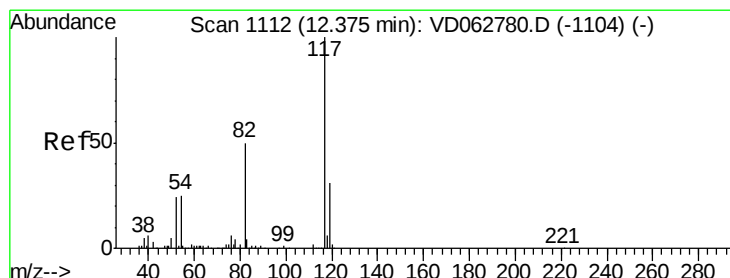
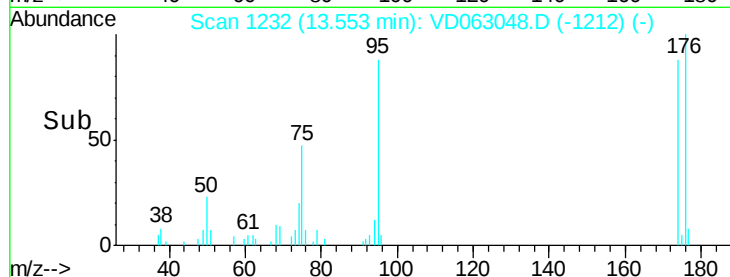
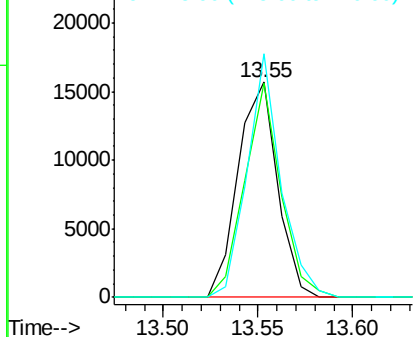
#62
4-Bromofluorobenzene
Concen: 46.889 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063048.D
Acq: 8 Jul 2019 20:35

Instrument :
MSVOA_D
ClientSampleId :
TR-05-070819

Tot Ion: 95 Resp: 22558
Ion Ratio Lower Upper
95 100
174 99.4 0.0 158.0
176 113.2 0.0 151.6

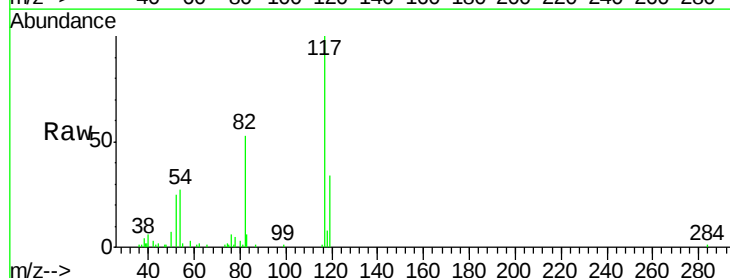


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

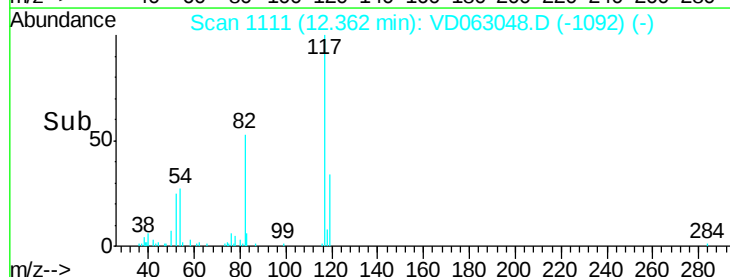
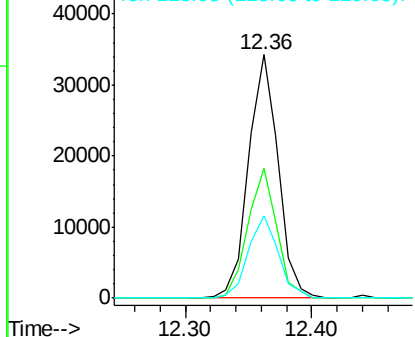


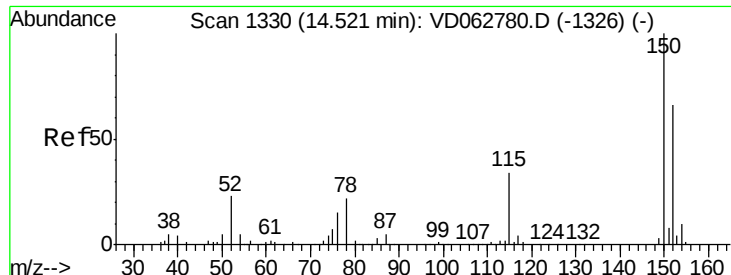
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063048.D
Acq: 8 Jul 2019 20:35

Tgt Ion: 117 Resp: 55951
Ion Ratio Lower Upper
117 100
82 53.2 40.4 60.6
119 33.6 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

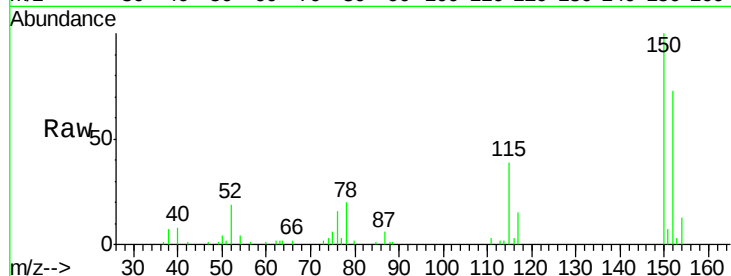




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD063048.D
 Acq: 8 Jul 2019 20:35

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-070819

Tot Ion:152 Resp: 29071
 Ion Ratio Lower Upper
 152 100
 115 54.5 29.2 87.6
 150 137.9 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

