

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062997.D
 Acq On : 1 Jul 2019 18:24
 Operator : VA/AP
 Sample : K3601-03
 Misc : 7.09g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200027

Quant Time: Jul 02 08:15:03 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	880644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1186677	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	979694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	465798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	444083	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	6.92	113	523911	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
50) Toluene-d8	10.41	98	1092944	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	13.56	95	448335	45.28	ug/l	0.00
Spiked Amount			Recovery	=	90.56%	

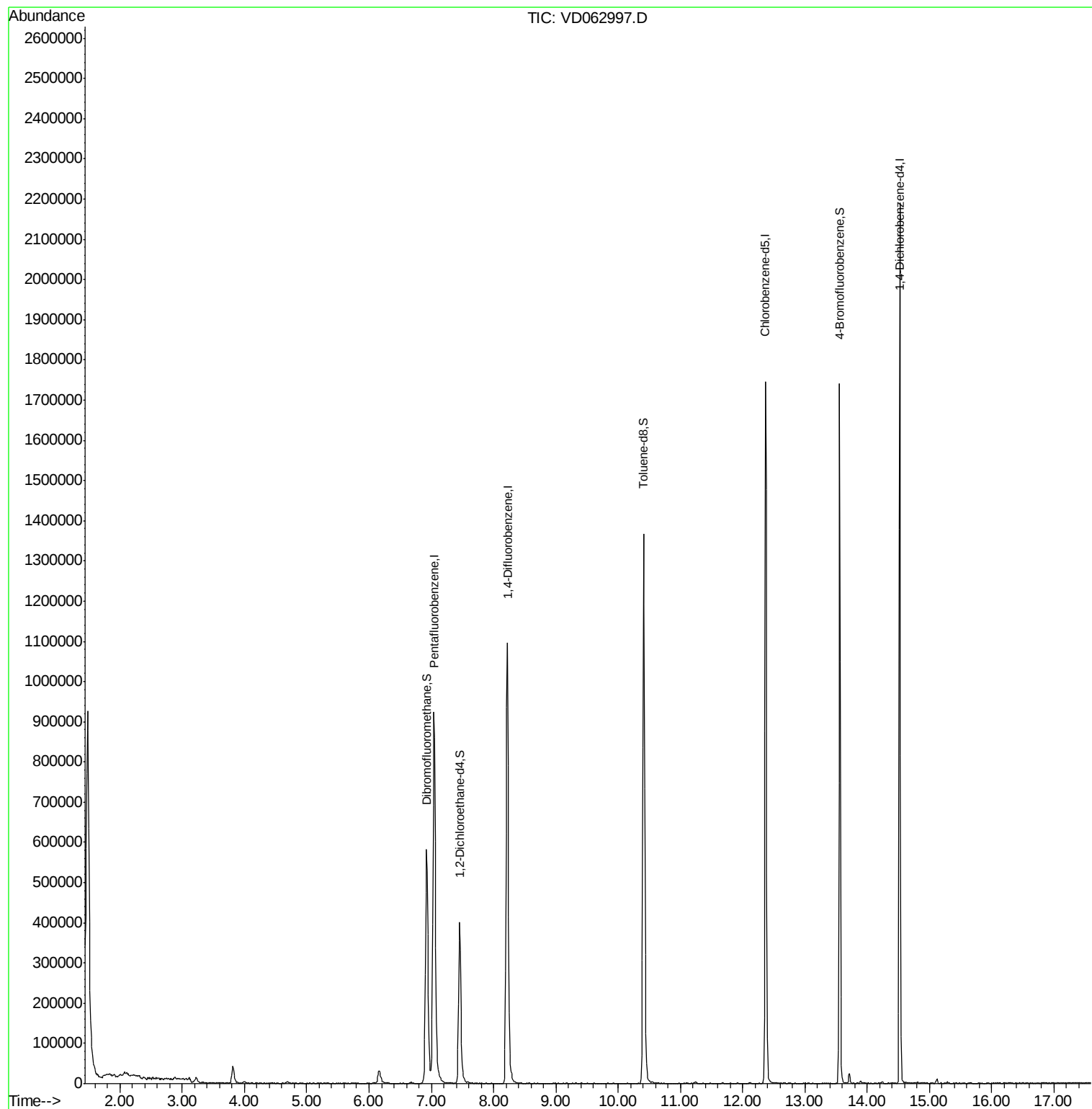
Target Compounds	Qvalue
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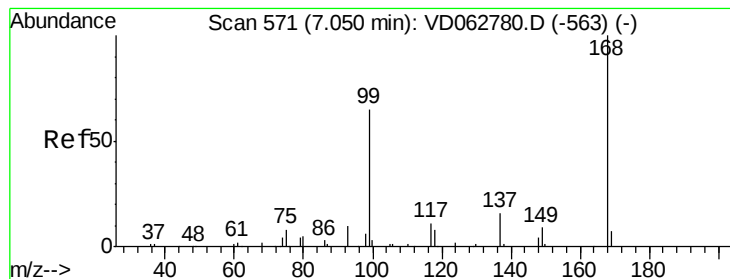
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
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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: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062997.D

Acq: 1 Jul 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

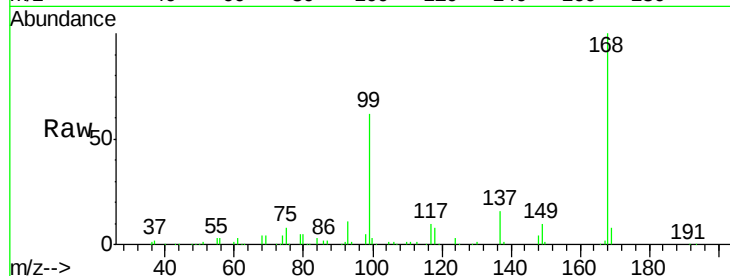
RBR-200027

Tot Ion:168 Resp: 880644

Ion Ratio Lower Upper

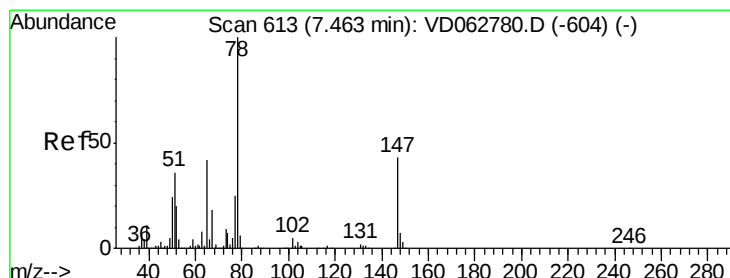
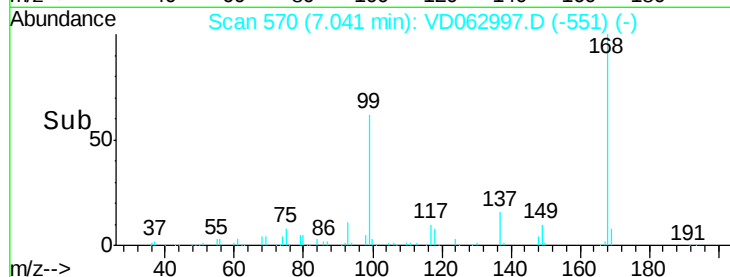
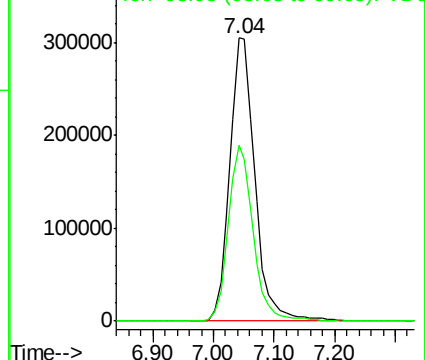
168 100

99 62.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.392 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062997.D

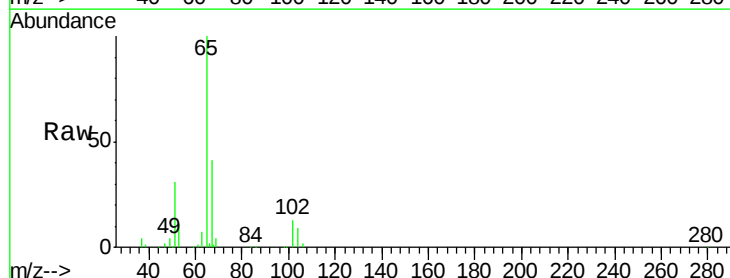
Acq: 1 Jul 2019 18:24

Tgt Ion: 65 Resp: 444083

Ion Ratio Lower Upper

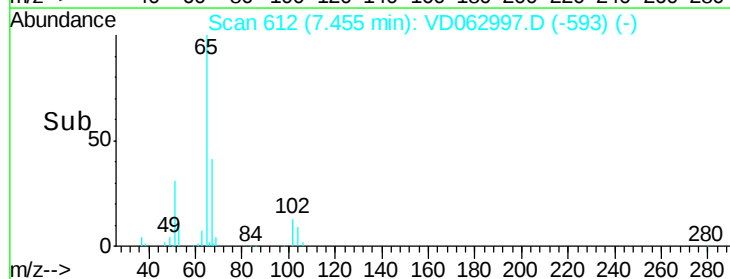
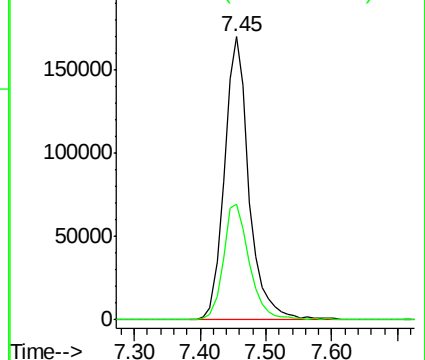
65 100

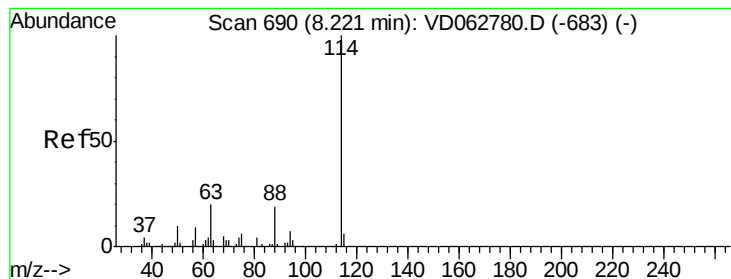
67 40.7 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062997.D

Acq: 1 Jul 2019 18:24

Instrument :

MSVOA_D

ClientSampleId :

RBR-200027

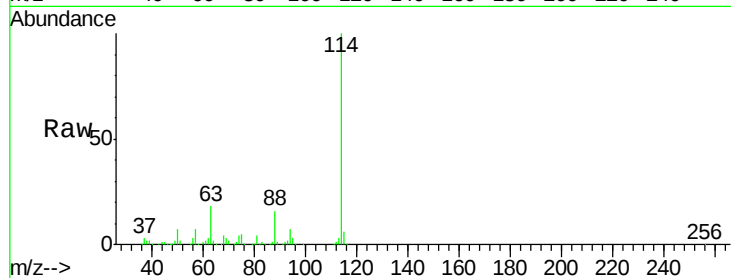
Tot Ion:114 Resp: 1186677

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 15.7 0.0 38.8



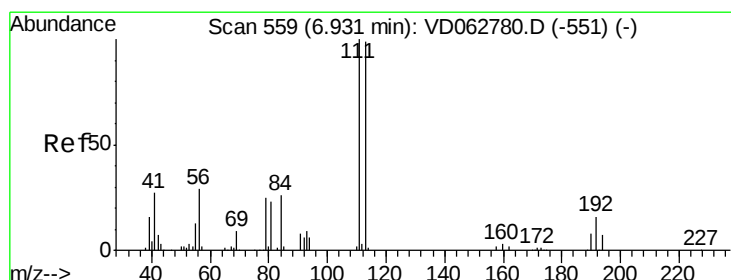
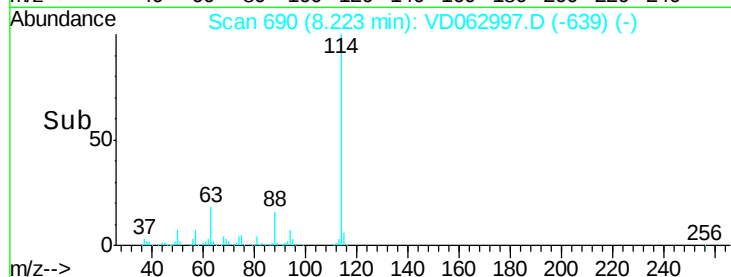
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

Time-->



#35

Dibromofluoromethane

Concen: 52.360 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062997.D

Acq: 1 Jul 2019 18:24

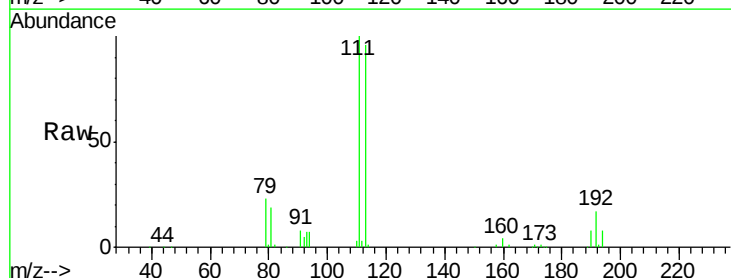
Tgt Ion:113 Resp: 523911

Ion Ratio Lower Upper

113 100

111 103.7 81.2 121.8

192 17.2 12.9 19.3



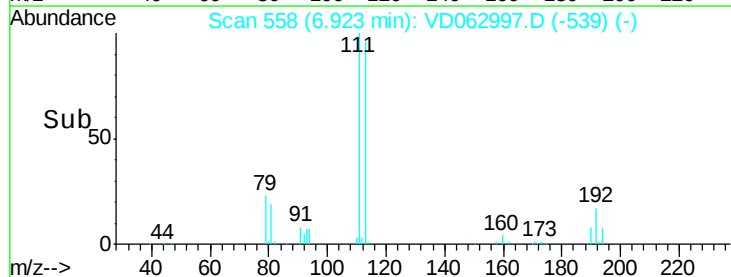
Abundance Ion 112.90 (112.60 to 113.60): V

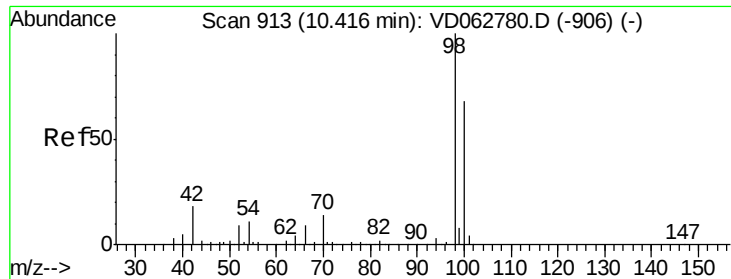
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.92

Time-->

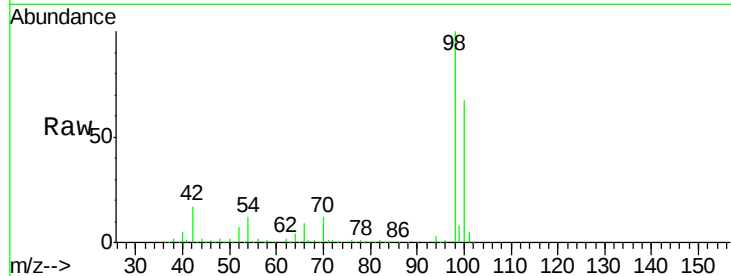




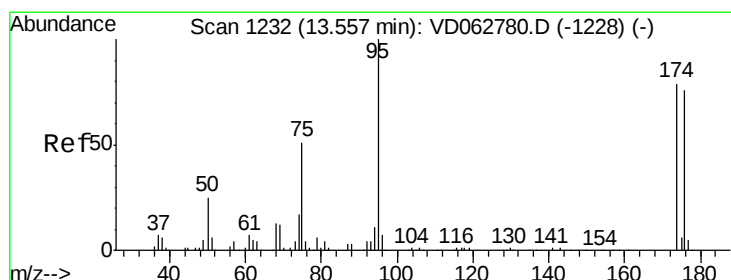
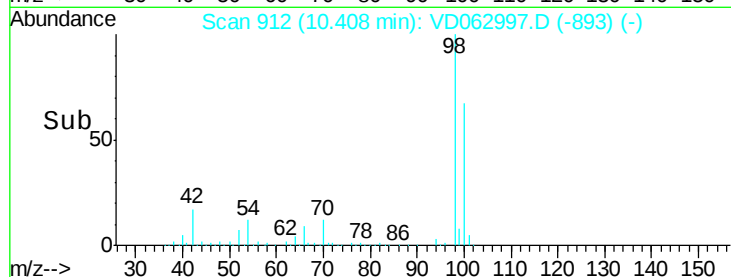
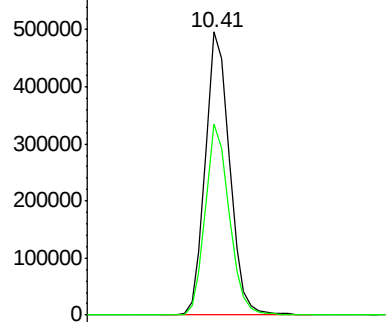
#50
Toluene-d8
Concen: 50.186 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062997.D
Acq: 1 Jul 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

Tot Ion: 98 Resp: 1092944
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1

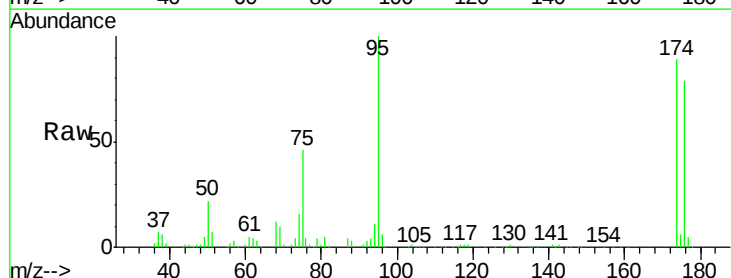


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

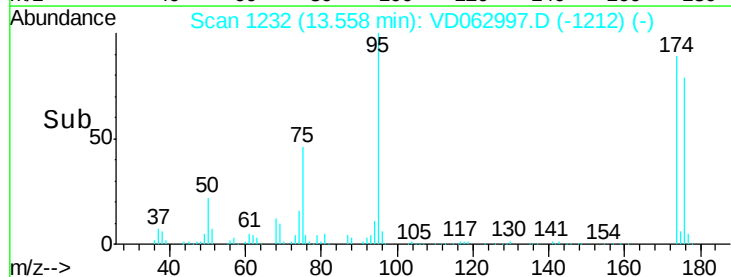
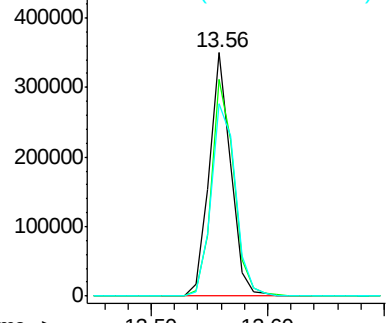


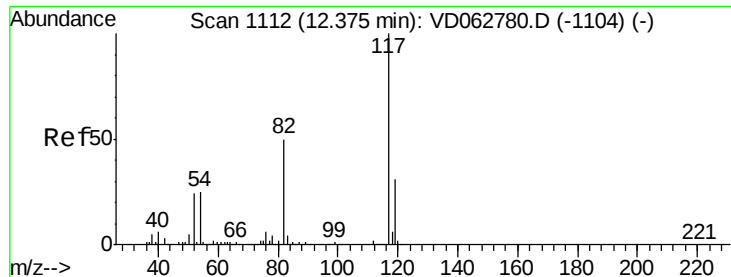
#62
4-Bromofluorobenzene
Concen: 45.275 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062997.D
Acq: 1 Jul 2019 18:24

Tgt Ion: 95 Resp: 448335
Ion Ratio Lower Upper
95 100
174 88.9 0.0 158.0
176 79.1 0.0 151.6



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

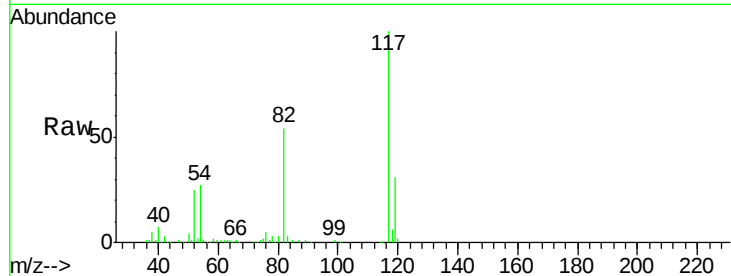




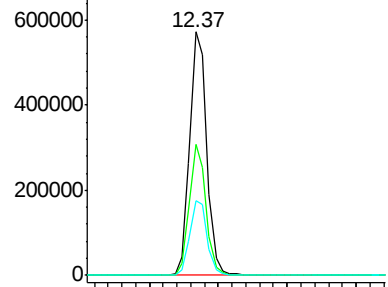
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062997.D
Acq: 1 Jul 2019 18:24

Instrument :
MSVOA_D
ClientSampleId :
RBR-200027

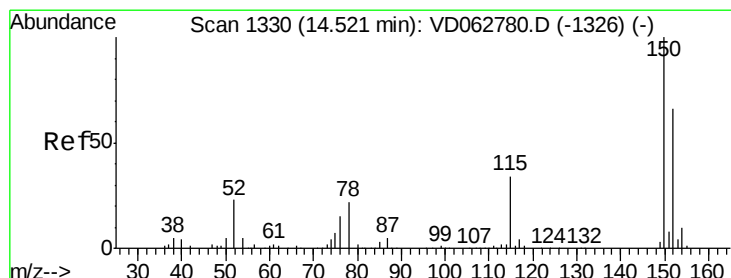
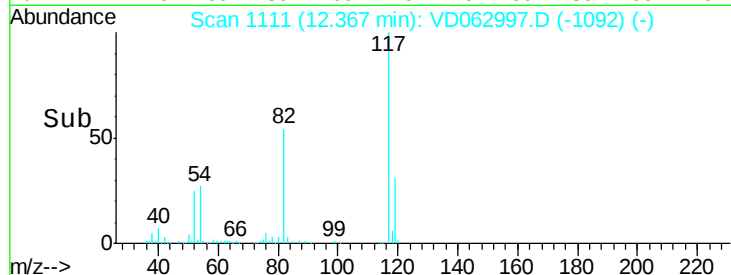
Tot Ion:117 Resp: 979694
Ion Ratio Lower Upper
117 100
82 53.9 40.4 60.6
119 30.8 25.2 37.8



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

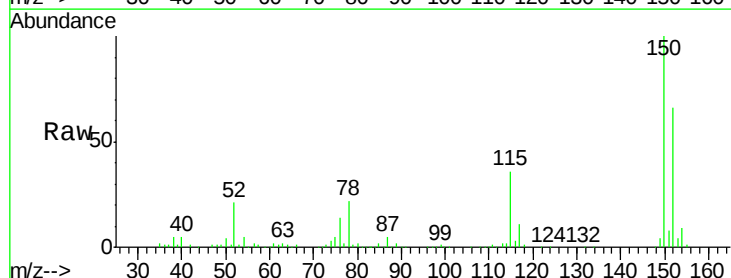


Time-->

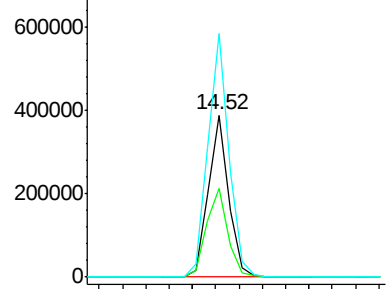


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062997.D
Acq: 1 Jul 2019 18:24

Tgt Ion:152 Resp: 465798
Ion Ratio Lower Upper
152 100
115 54.9 29.2 87.6
150 150.5 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



Time-->

