

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062248.D
 Acq On : 11 May 2019 20:12
 Operator : FY/SY
 Sample : K2719-05
 Misc : 5.65µ/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-0612-01

Quant Time: May 15 02:55:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

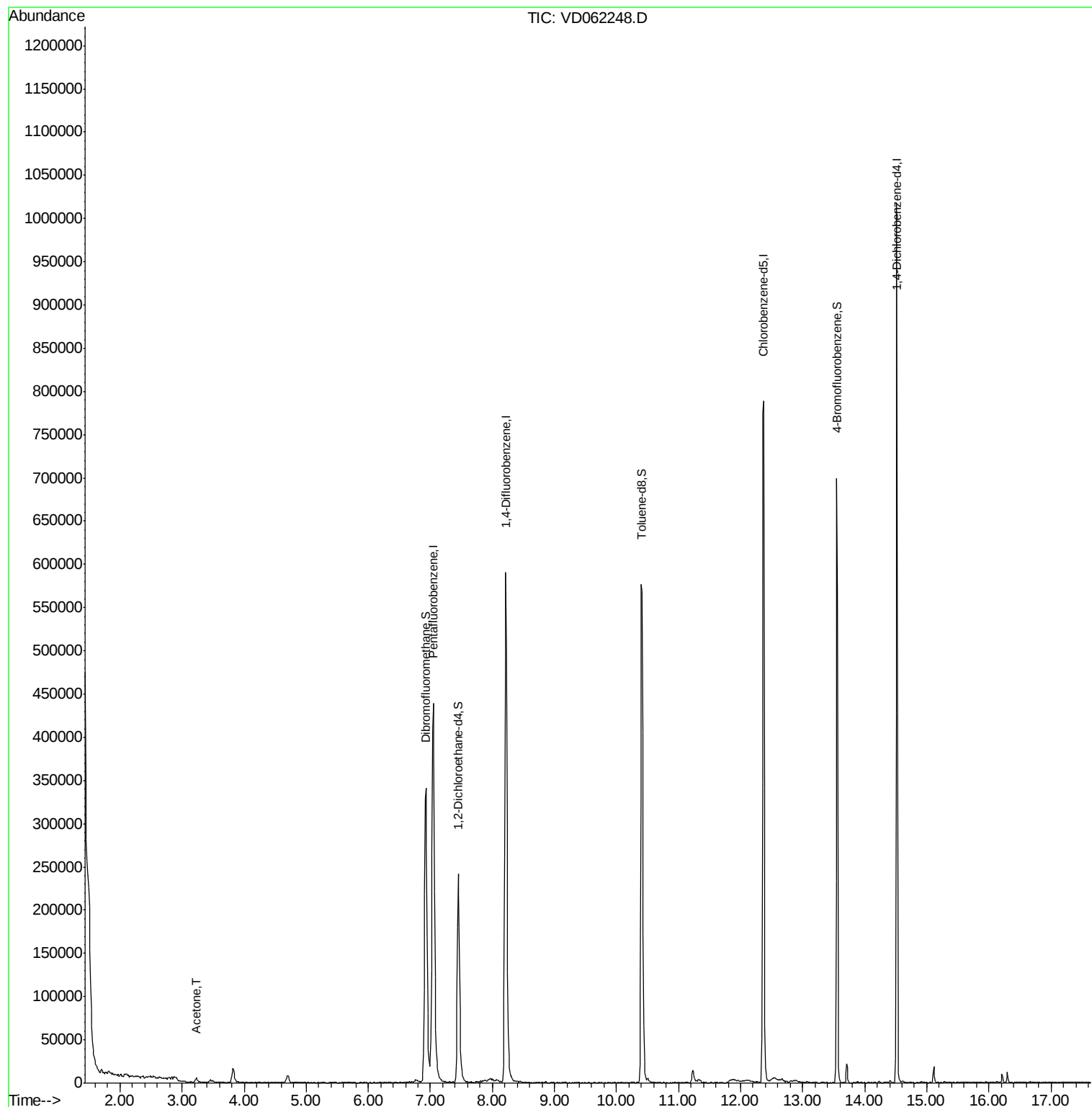
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	427521	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	645693	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	462577	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	204728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	268937	67.69	ug/l	0.03
Spiked Amount 50.000			Recovery	=	135.38%	
35) Dibromofluoromethane	6.93	113	305688	57.06	ug/l	0.04
Spiked Amount 50.000			Recovery	=	114.12%	
50) Toluene-d8	10.41	98	503160	38.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.90%	
62) 4-Bromofluorobenzene	13.55	95	204787	39.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.96%	
Target Compounds						
16) Acetone	3.23	43	10223	12.270	ug/l #	Qvalue 78

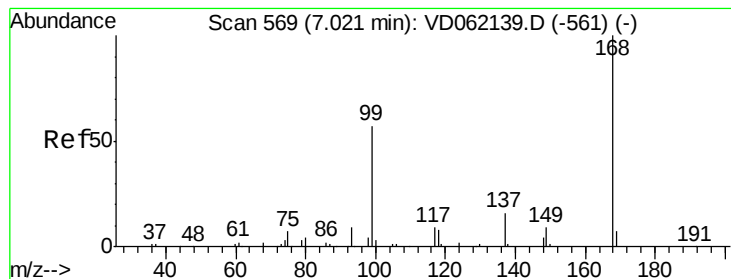
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

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Acq: 11 May 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

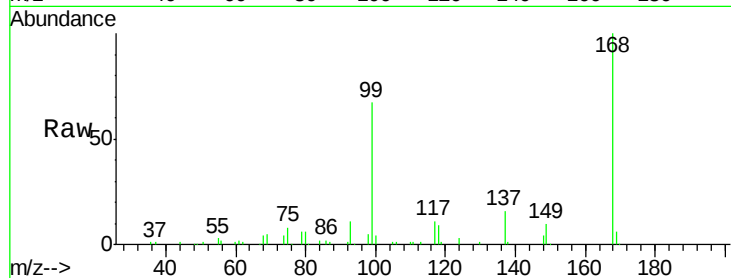
P026-SS008-0612-01

Tot Ion:168 Resp: 427521

Ion Ratio Lower Upper

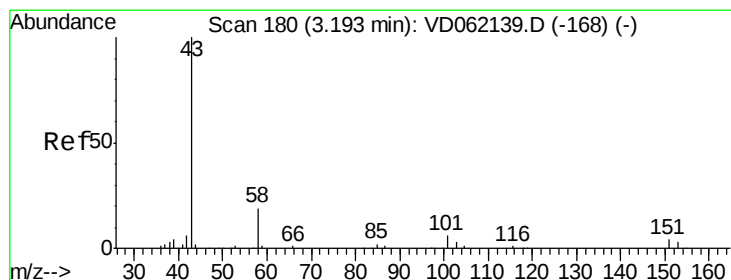
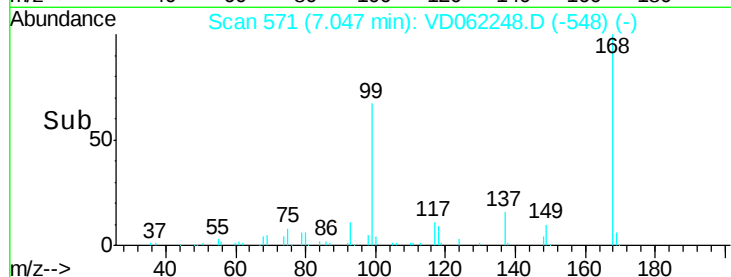
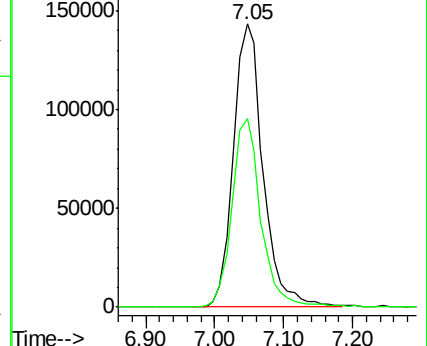
168 100

99 66.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.270 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.04 min

Lab File: VD062248.D

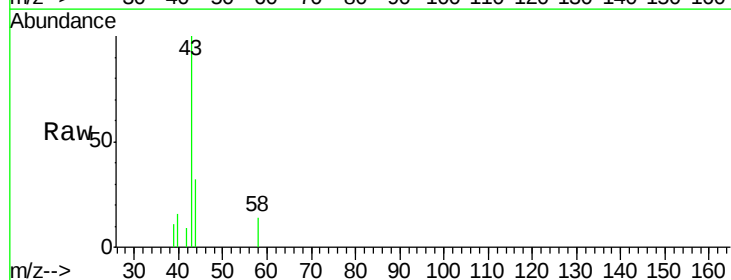
Acq: 11 May 2019 20:12

Tgt Ion: 43 Resp: 10223

Ion Ratio Lower Upper

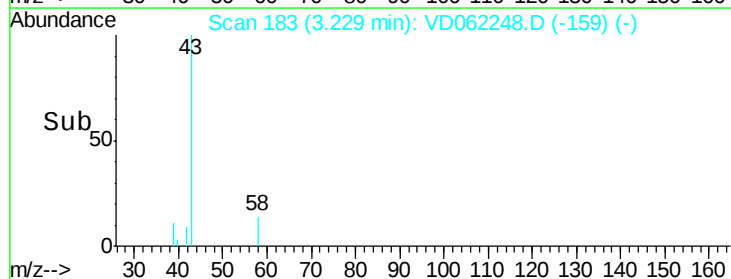
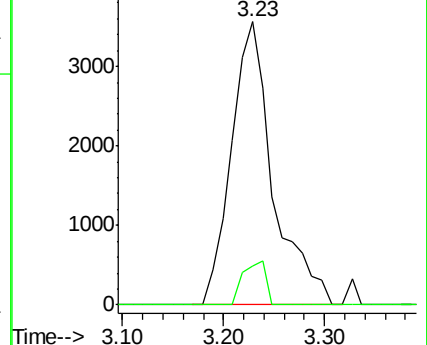
43 100

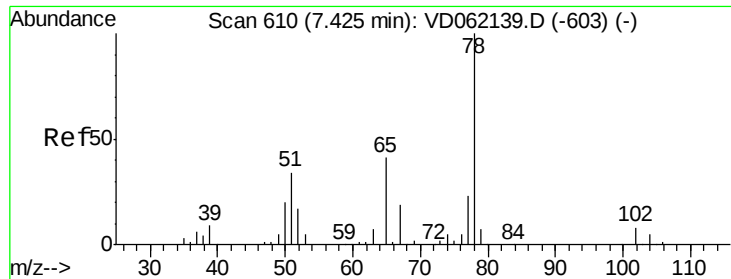
58 13.7 19.9 29.9#



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: 67.691 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.03 min

Lab File: VD062248.D

Acq: 11 May 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

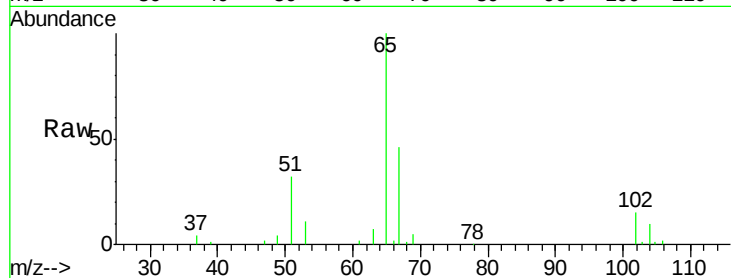
P026-SS008-0612-01

Tot Ion: 65 Resp: 268937

Ion Ratio Lower Upper

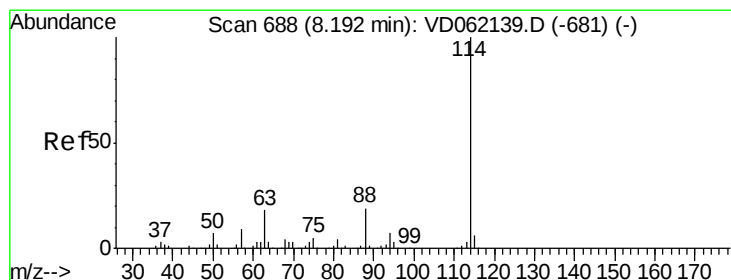
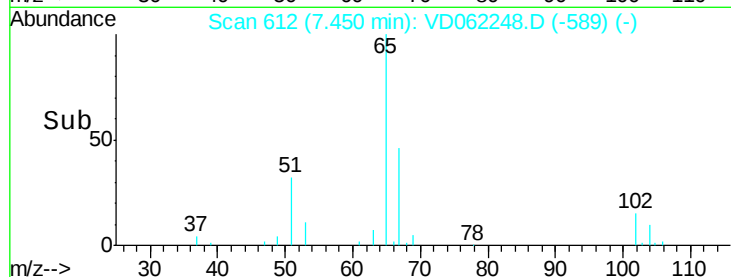
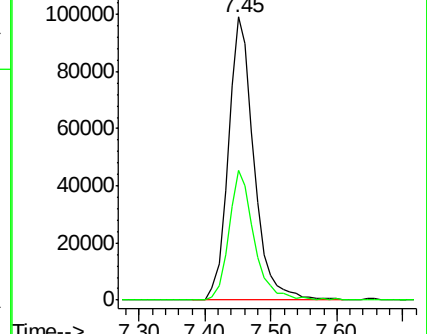
65 100

67 45.8 0.0 98.0



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. 0.03 min

Lab File: VD062248.D

Acq: 11 May 2019 20:12

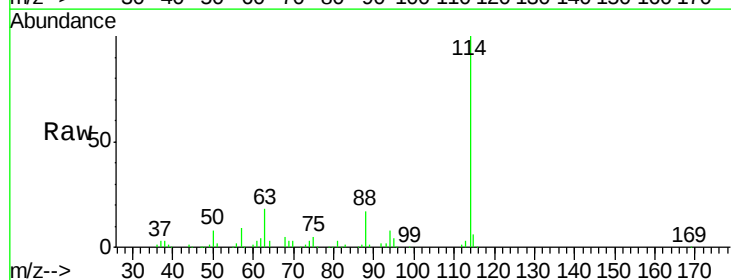
Tgt Ion: 114 Resp: 645693

Ion Ratio Lower Upper

114 100

63 18.3 0.0 32.4

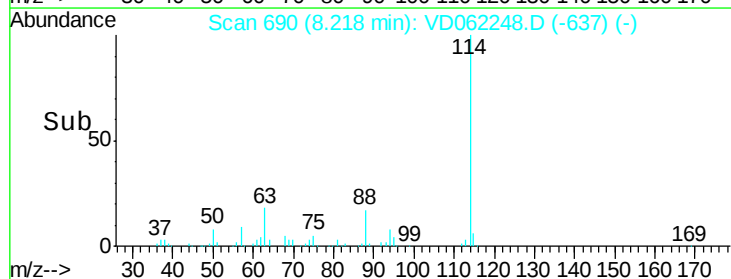
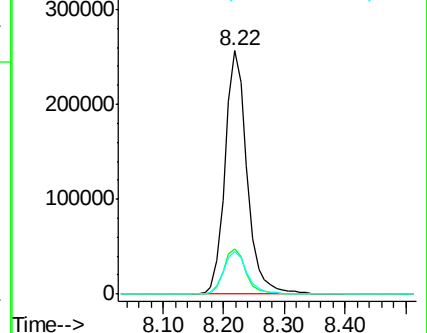
88 17.3 0.0 33.6

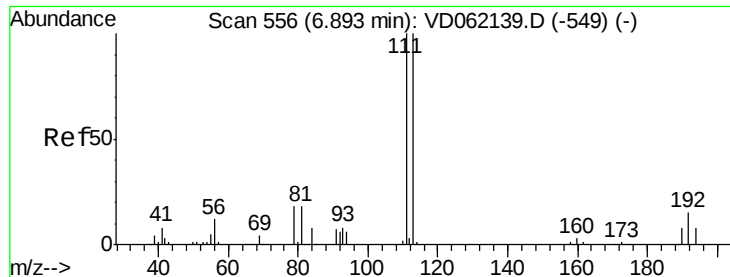


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 57.059 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062248.D

Acq: 11 May 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-0612-01

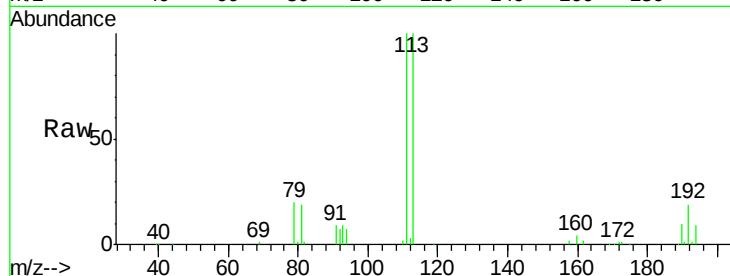
Tot Ion:113 Resp: 305688

Ion Ratio Lower Upper

113 100

111 99.7 78.5 117.7

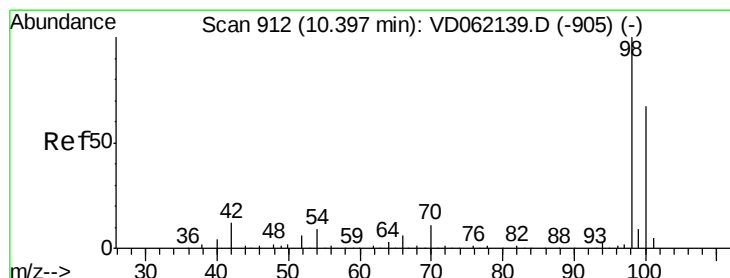
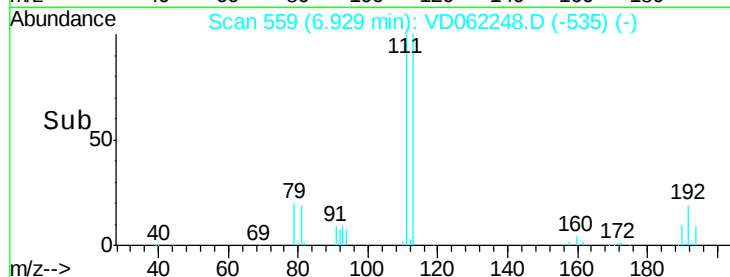
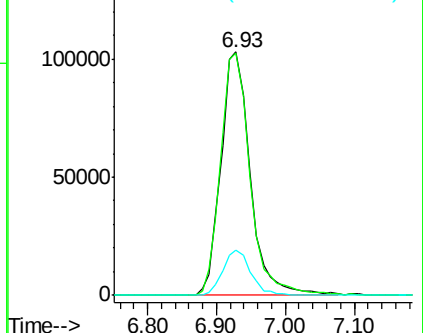
192 18.7 13.0 19.4



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: 38.953 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062248.D

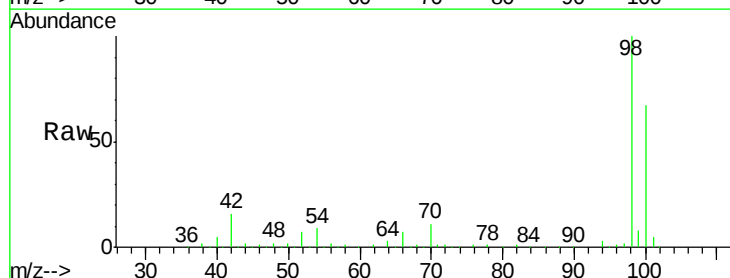
Acq: 11 May 2019 20:12

Tgt Ion: 98 Resp: 503160

Ion Ratio Lower Upper

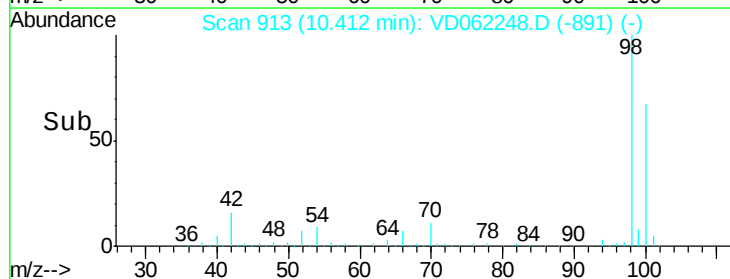
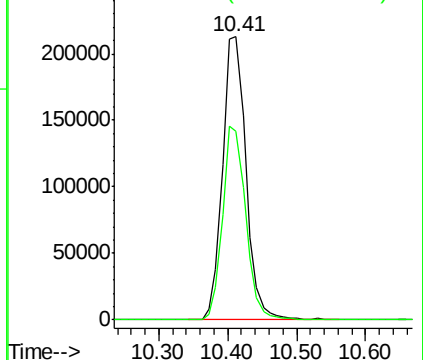
98 100

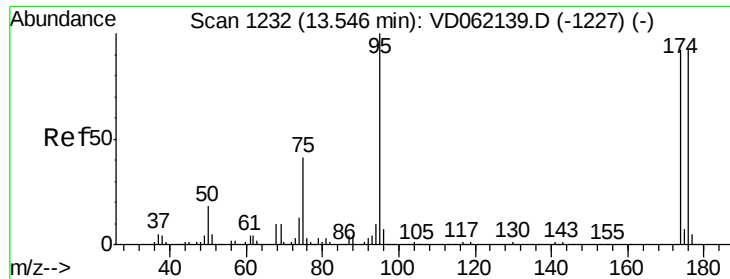
100 66.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 39.481 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062248.D

Acq: 11 May 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-0612-01

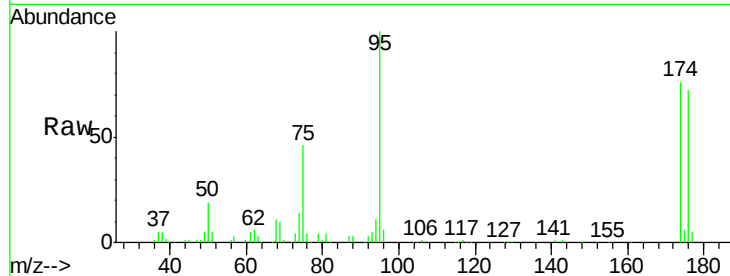
Tot Ion: 95 Resp: 204787

Ion Ratio Lower Upper

95 100

174 76.1 0.0 181.8

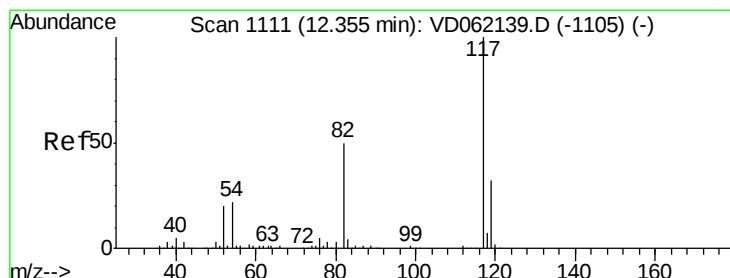
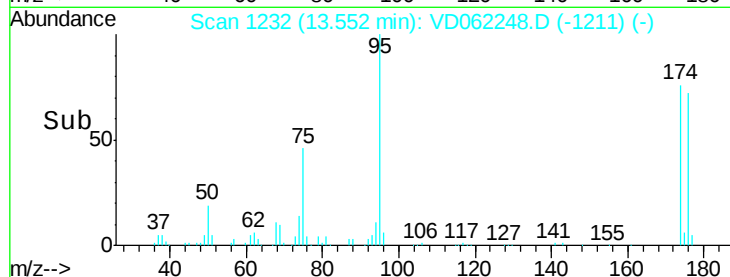
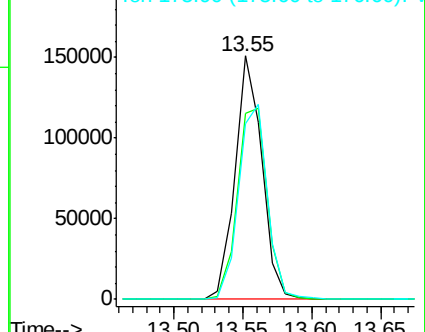
176 72.0 0.0 174.4



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# 1112

Delta R.T. 0.02 min

Lab File: VD062248.D

Acq: 11 May 2019 20:12

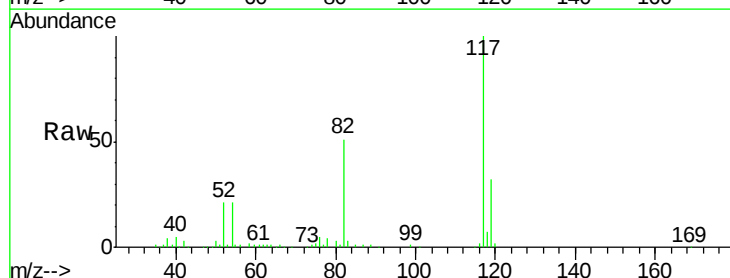
Tgt Ion: 117 Resp: 462577

Ion Ratio Lower Upper

117 100

82 50.6 36.2 54.2

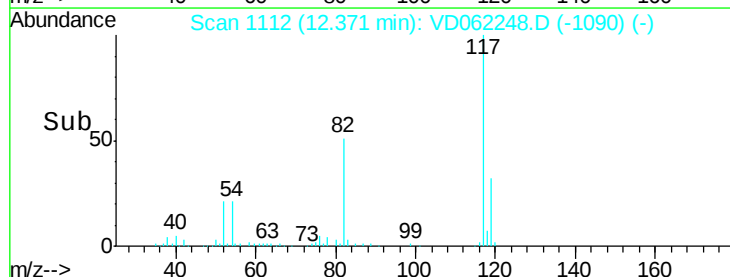
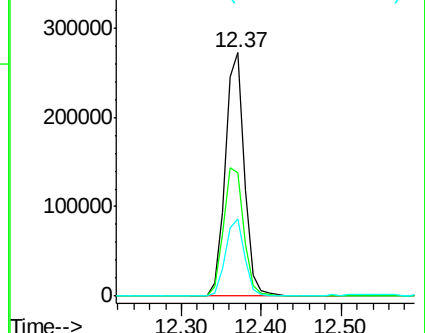
119 32.0 26.2 39.4

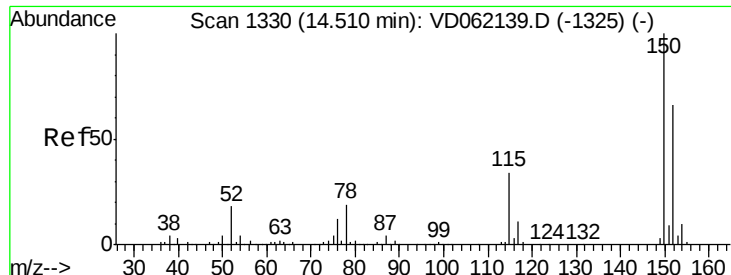


Abundance Ion 116.95 (116.65 to 117.65): V

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. 0.01 min

Lab File: VD062248.D

Acq: 11 May 2019 20:12

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-0612-01

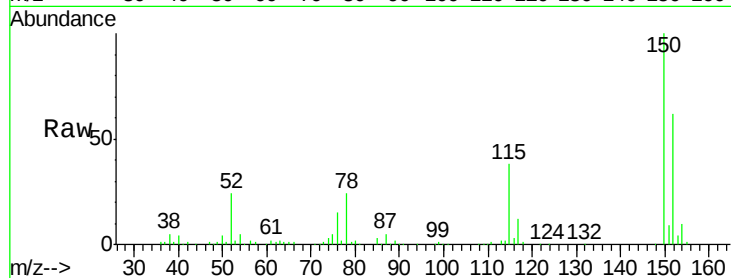
Tot Ion:152 Resp: 204728

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.7

150 160.8 0.0 314.8



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

