

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062265.D
 Acq On : 12 May 2019 18:05
 Operator : FY/SY
 Sample : K2733-10
 Misc : 6.07g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0206-01

Quant Time: May 15 05:25:55 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

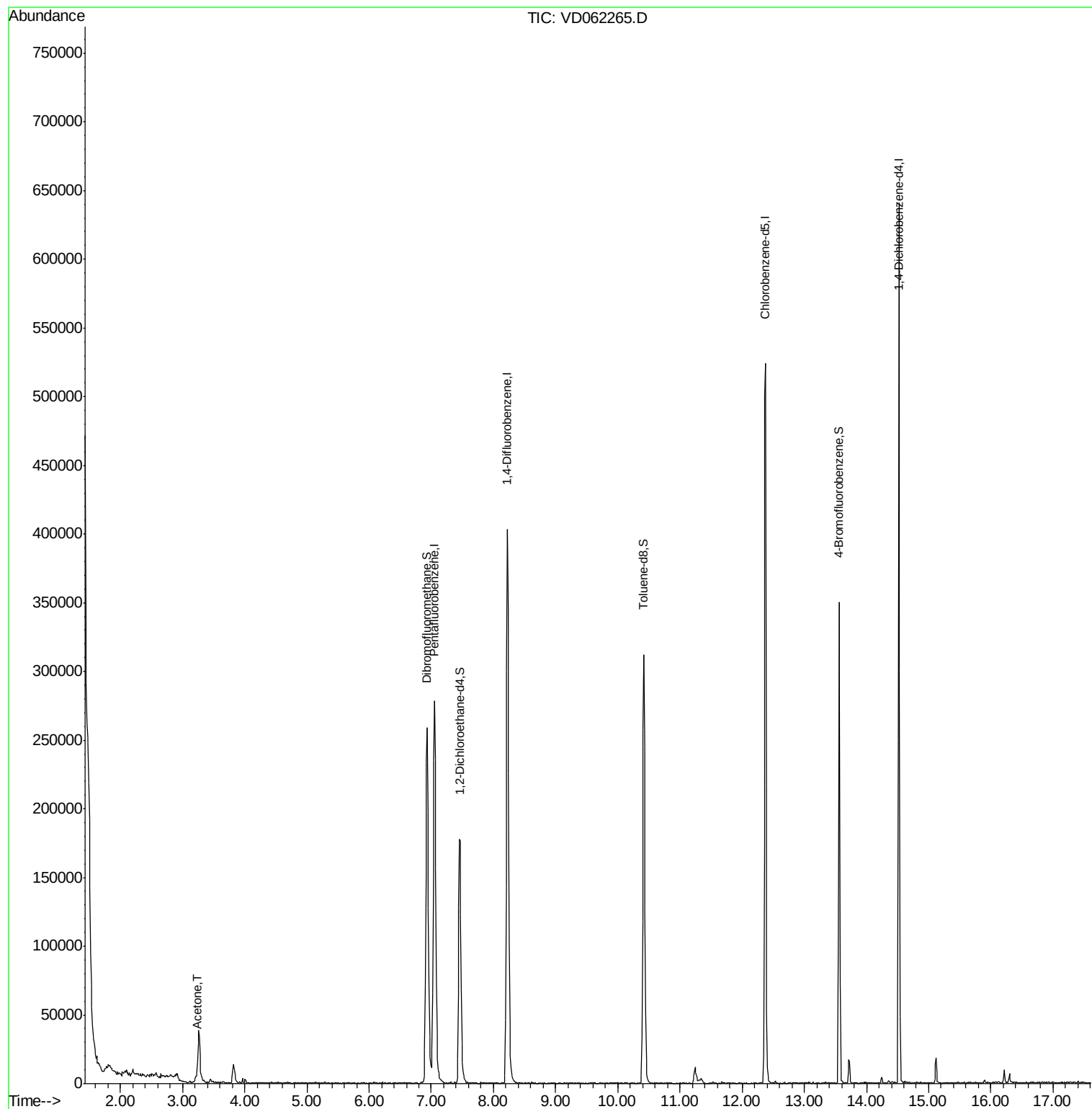
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	257665	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	418878	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	293267	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	125912	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	205455	85.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	171.60%	
35) Dibromofluoromethane	6.93	113	224000	64.45	ug/l	0.04
Spiked Amount 50.000			Recovery	=	128.90%	
50) Toluene-d8	10.42	98	259755	31.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.00%	
62) 4-Bromofluorobenzene	13.56	95	109701	32.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	65.20%	
Target Compounds						
16) Acetone	3.22	43	9913	19.741	ug/l #	Qvalue 87

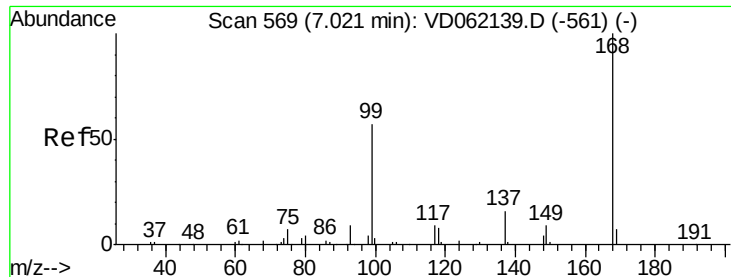
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062265.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

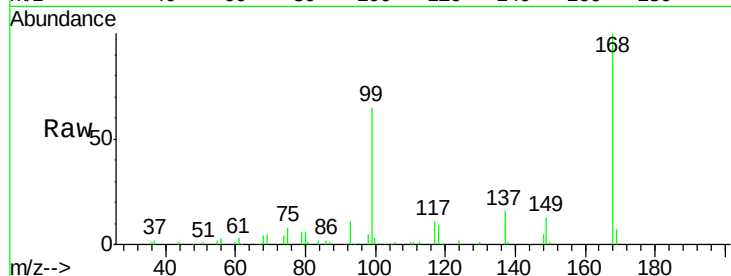
P021-SS002-0206-01

Tot Ion:168 Resp: 257665

Ion Ratio Lower Upper

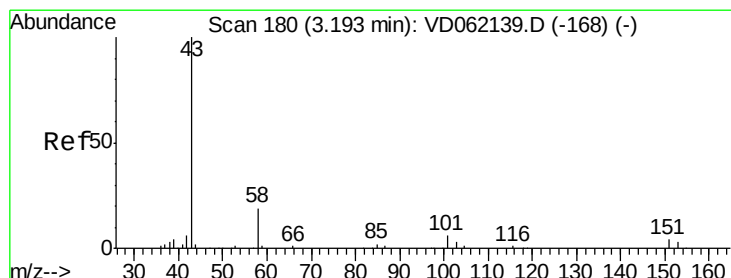
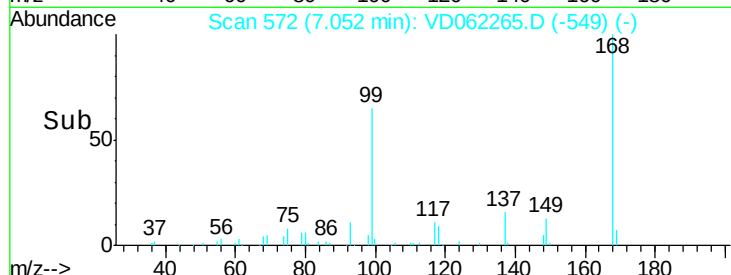
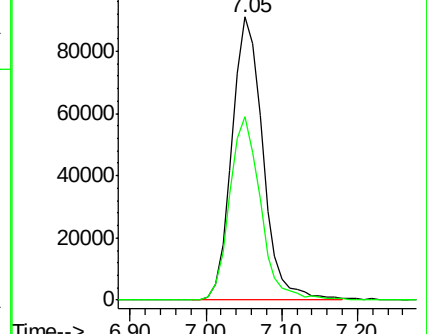
168 100

99 64.7 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: 19.741 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062265.D

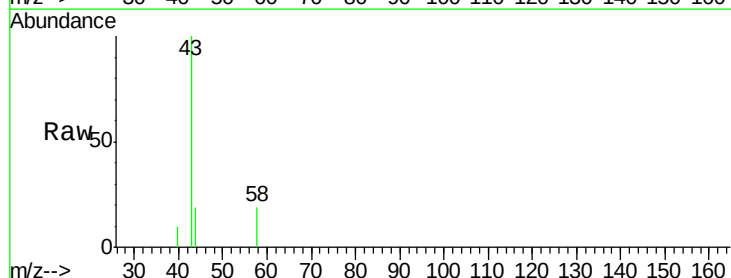
Acq: 12 May 2019 18:05

Tgt Ion: 43 Resp: 9913

Ion Ratio Lower Upper

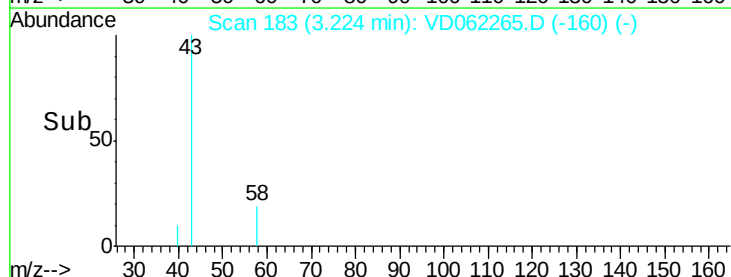
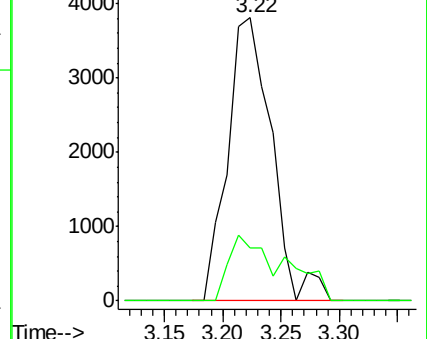
43 100

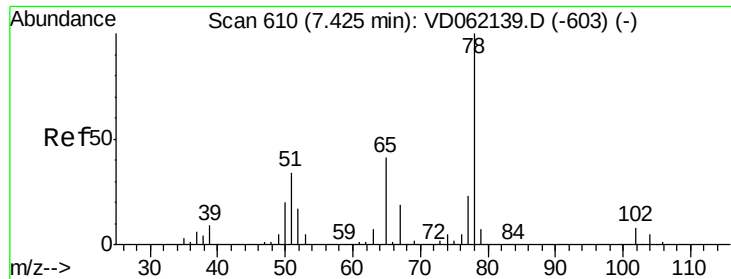
58 18.6 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

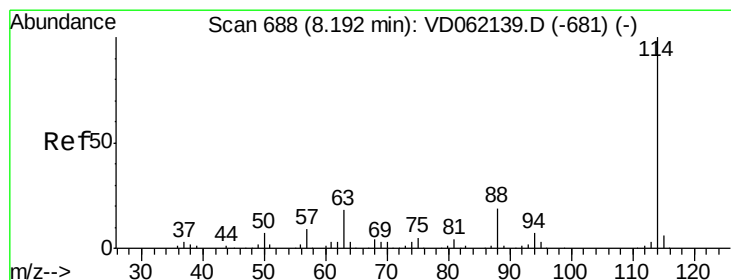
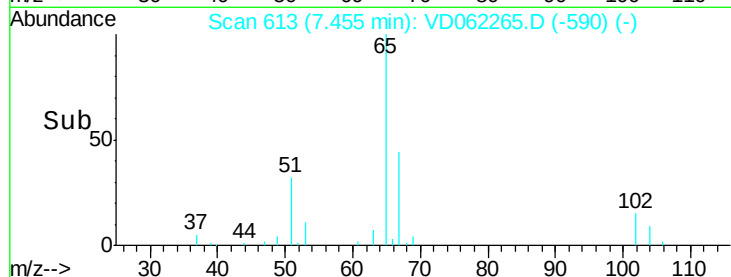
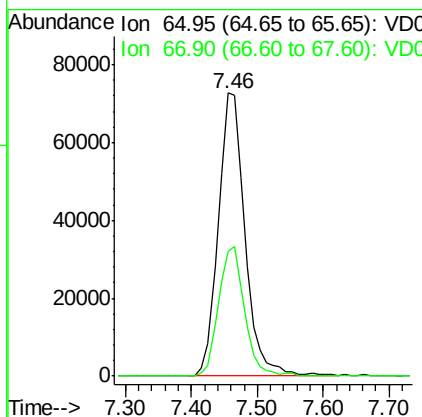
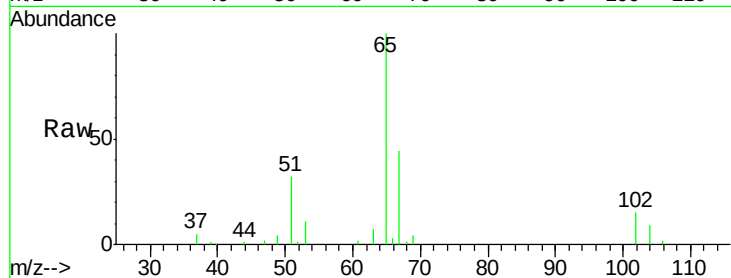




#33
 1,2-Dichloroethane-d4
 Concen: 85.802 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD062265.D
 Acq: 12 May 2019 18:05

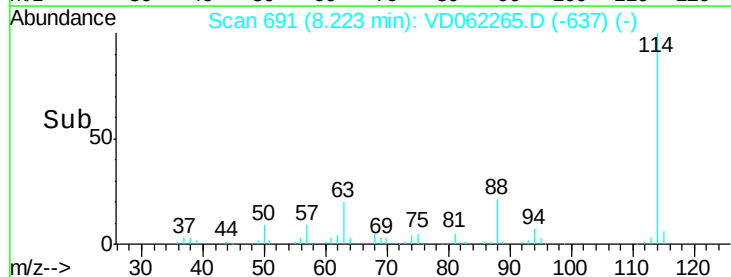
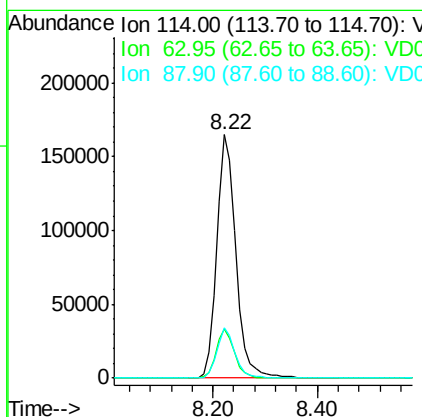
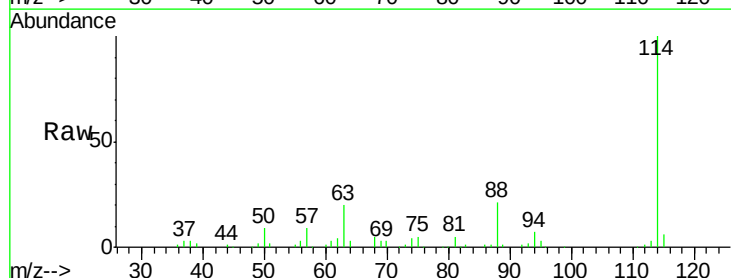
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0206-01

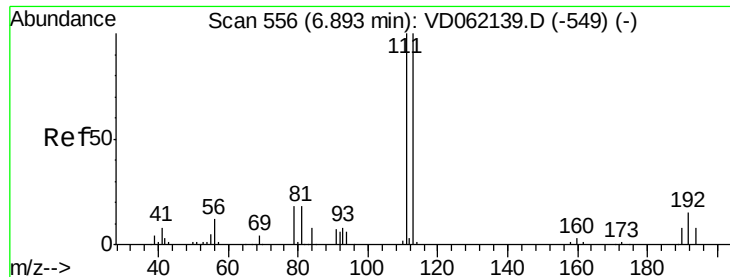
Tot Ion: 65 Resp: 205455
 Ion Ratio Lower Upper
 65 100
 67 43.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062265.D
 Acq: 12 May 2019 18:05

Tgt Ion: 114 Resp: 418878
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 32.4
 88 20.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 64.452 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062265.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0206-01

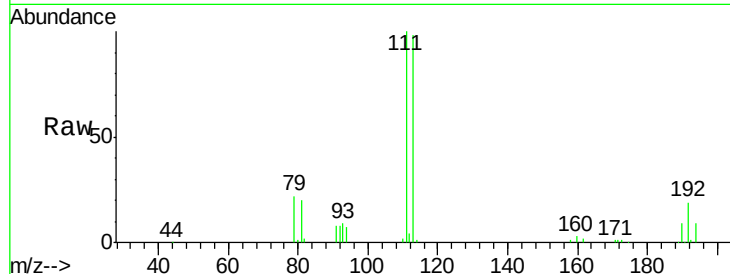
Tot Ion:113 Resp: 224000

Ion Ratio Lower Upper

113 100

111 102.0 78.5 117.7

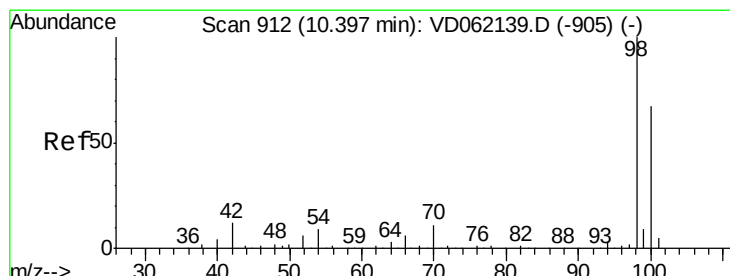
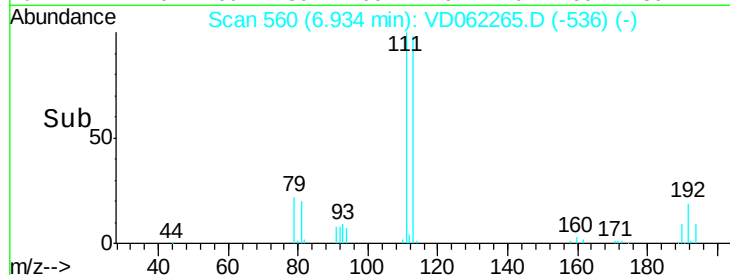
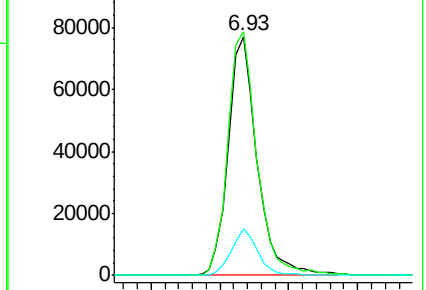
192 19.2 13.0 19.4



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: 30.998 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062265.D

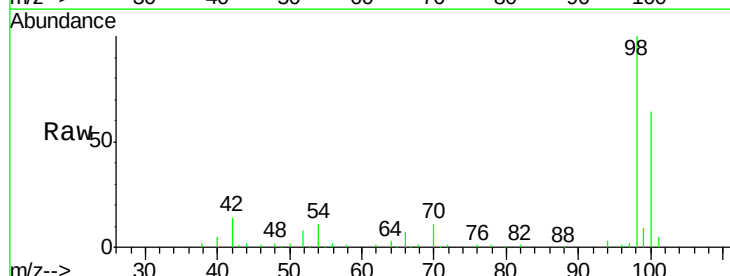
Acq: 12 May 2019 18:05

Tgt Ion: 98 Resp: 259755

Ion Ratio Lower Upper

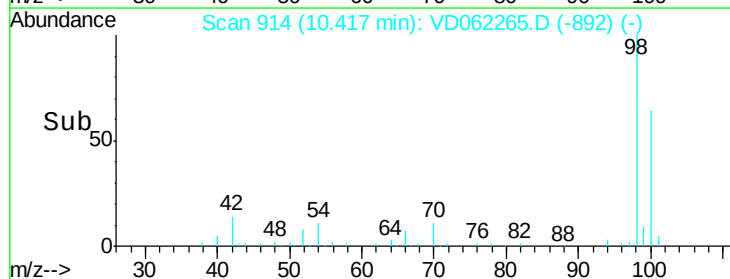
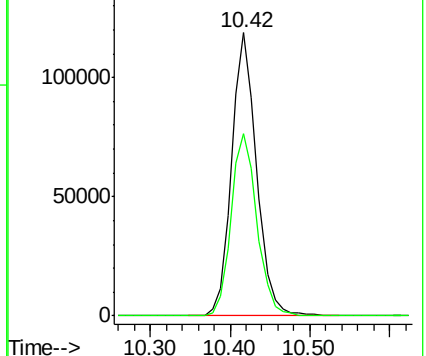
98 100

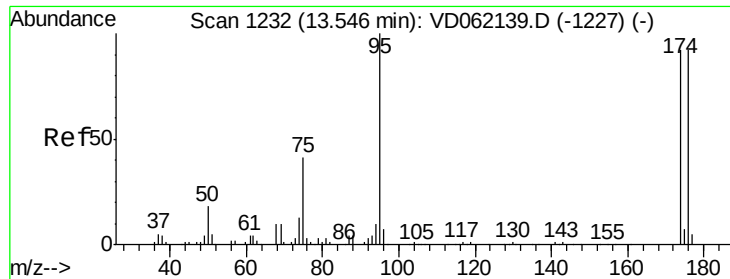
100 64.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 32.601 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062265.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0206-01

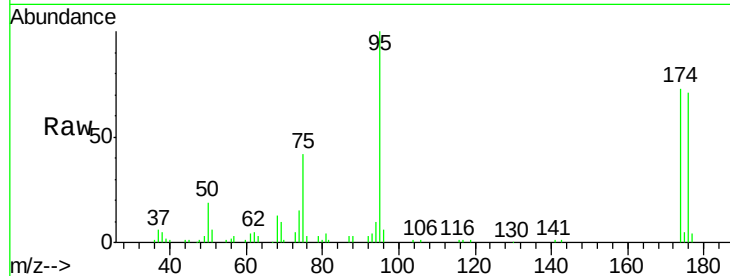
Tot Ion: 95 Resp: 109701

Ion Ratio Lower Upper

95 100

174 72.8 0.0 181.8

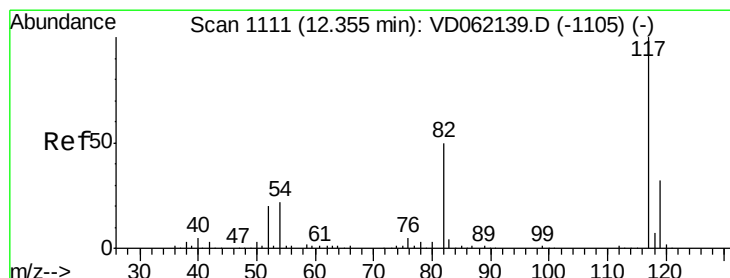
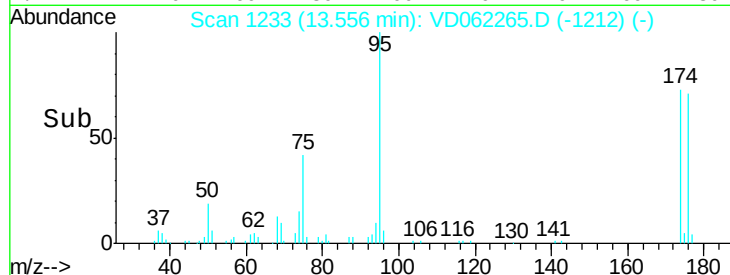
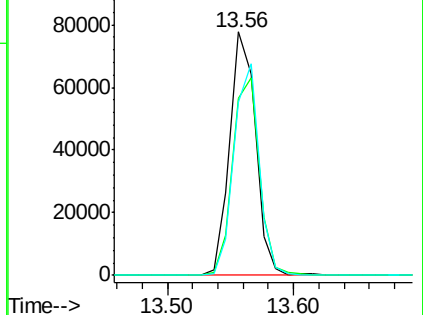
176 71.2 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062265.D

Acq: 12 May 2019 18:05

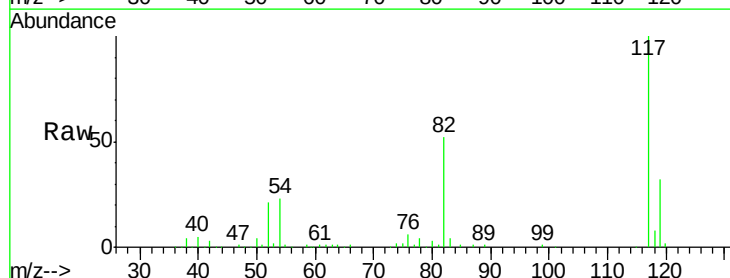
Tgt Ion: 117 Resp: 293267

Ion Ratio Lower Upper

117 100

82 52.4 36.2 54.2

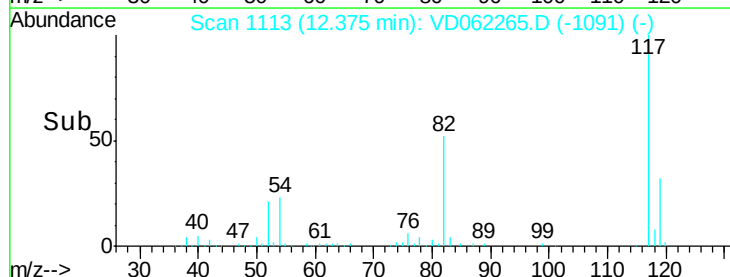
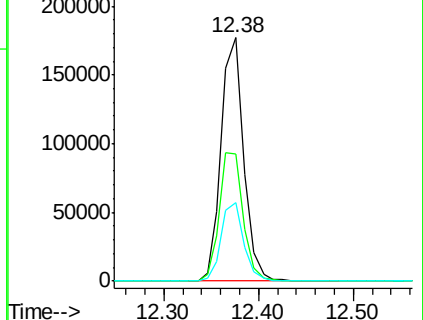
119 32.0 26.2 39.4

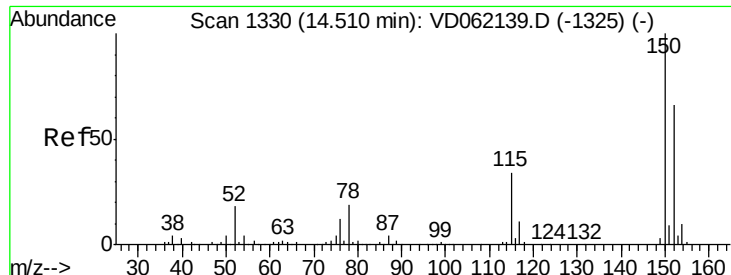


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331

Delta R.T. 0.01 min

Lab File: VD062265.D

Acq: 12 May 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0206-01

Tot Ion:152 Resp: 125912

Ion Ratio Lower Upper

152 100

115 58.8 30.9 92.7

150 157.0 0.0 314.8

