

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062330.D
 Acq On : 14 May 2019 4:21
 Operator : FY/SY
 Sample : K2735-08
 Misc : 4.34g/5mL/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0002-01

Quant Time: May 14 07:00:09 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

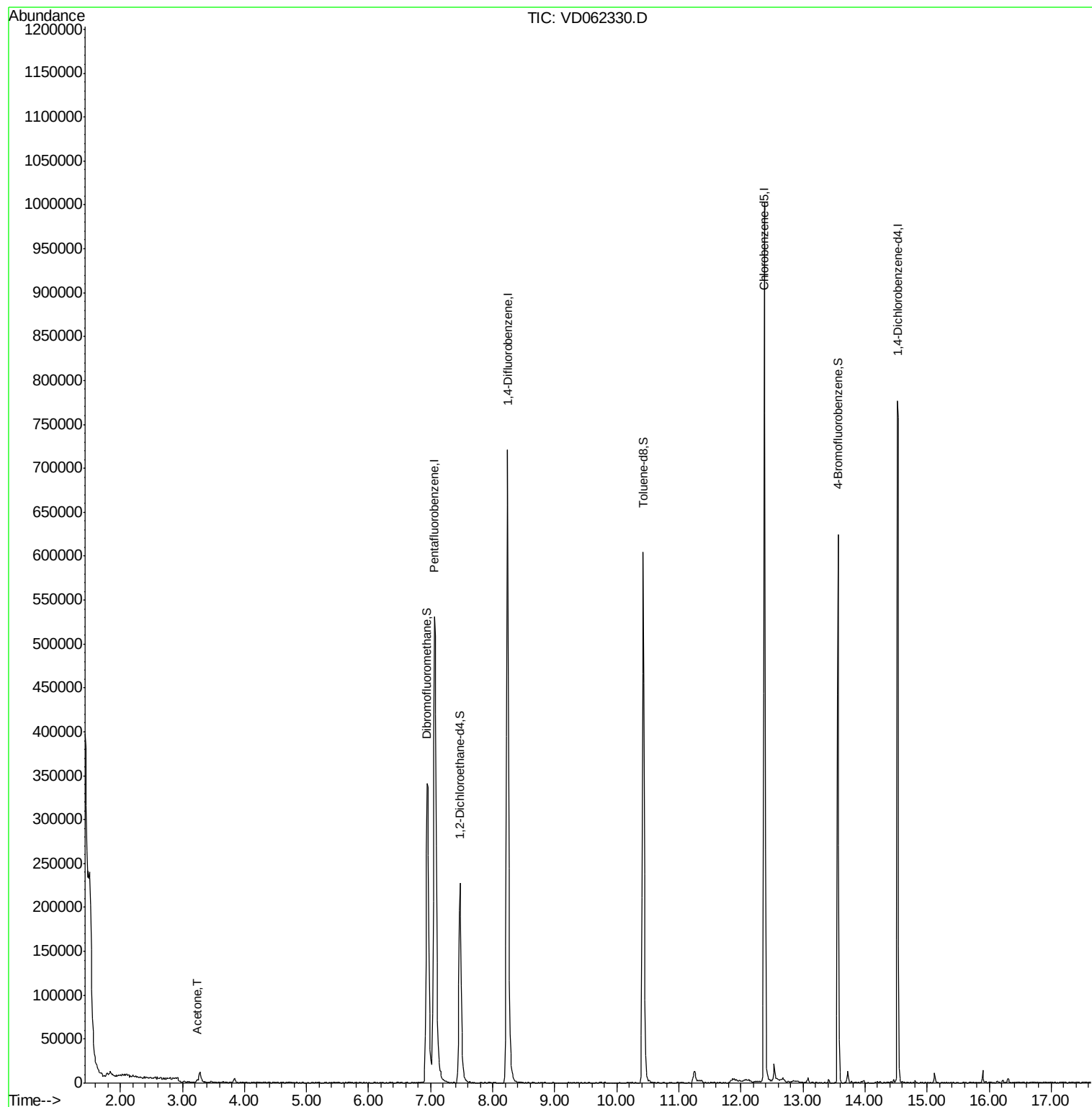
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	540027	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	741624	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	509822	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	185401	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	257967	51.40	ug/l	0.05
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	6.95	113	315064	51.20	ug/l	0.06
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.43	98	479956	32.35	ug/l	0.03
Spiked Amount 50.000			Recovery	=	64.70%	
62) 4-Bromofluorobenzene	13.57	95	183300	30.77	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.54%	
Target Compounds						
16) Acetone	3.24	43	7709	7.325	ug/l #	Qvalue 72

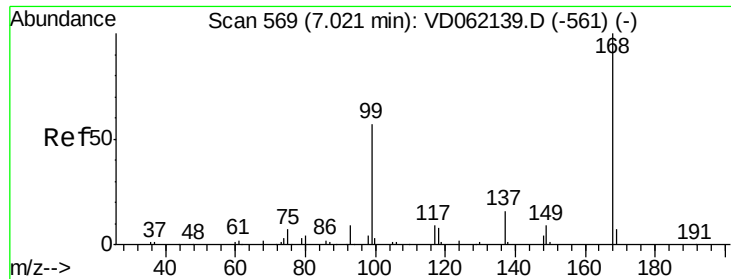
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062330.D

Acq: 14 May 2019 4:21

Instrument :

MSVOA_D

ClientSampleId :

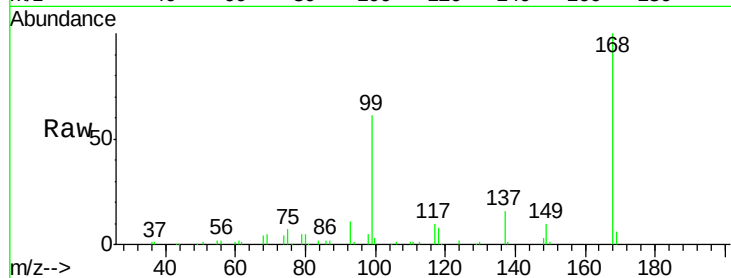
P026-SS016-0002-01

Tot Ion:168 Resp: 540027

Ion Ratio Lower Upper

168 100

99 60.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

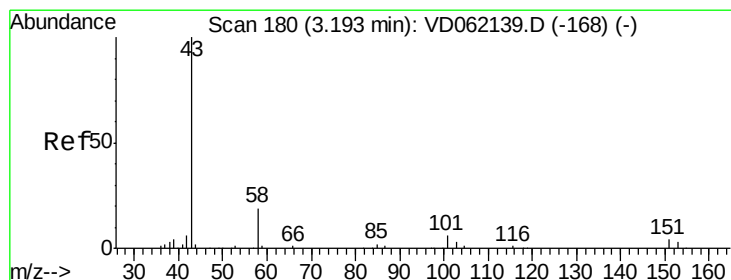
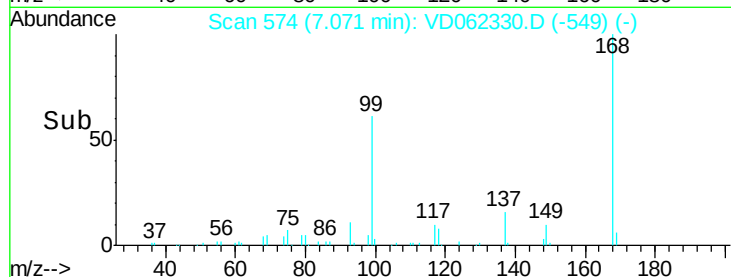
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 7.325 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD062330.D

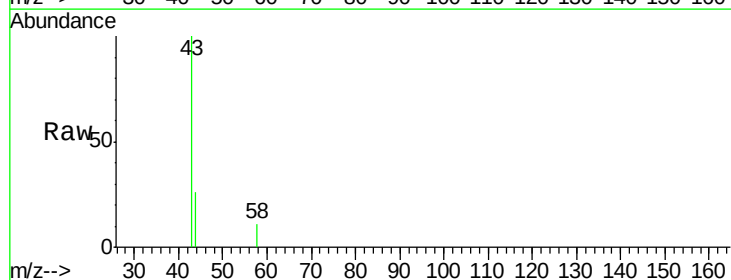
Acq: 14 May 2019 4:21

Tgt Ion: 43 Resp: 7709

Ion Ratio Lower Upper

43 100

58 11.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

4000

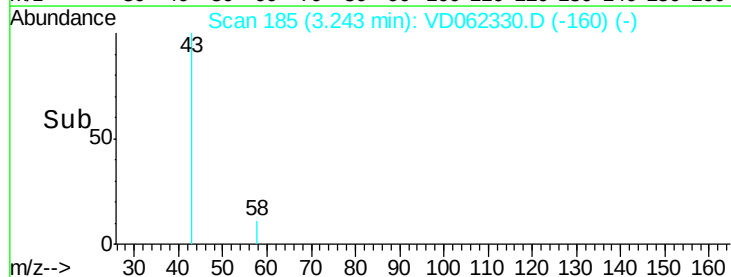
3000

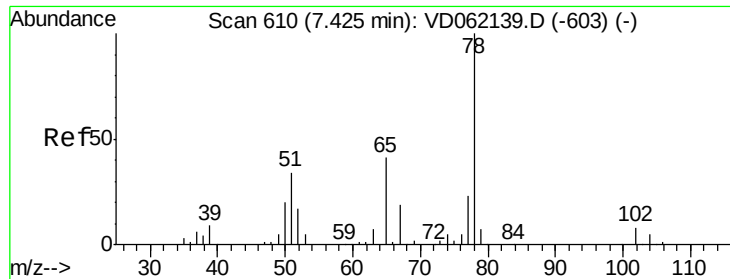
2000

1000

0

Time--> 3.15 3.20 3.25 3.30 3.35

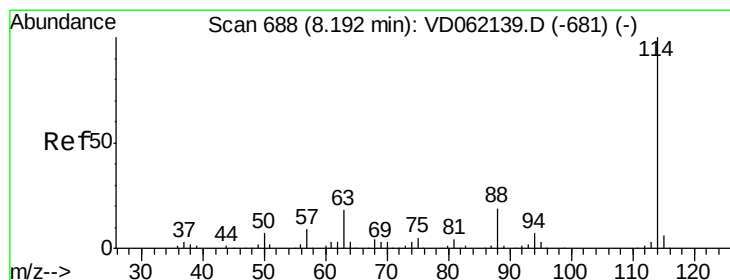
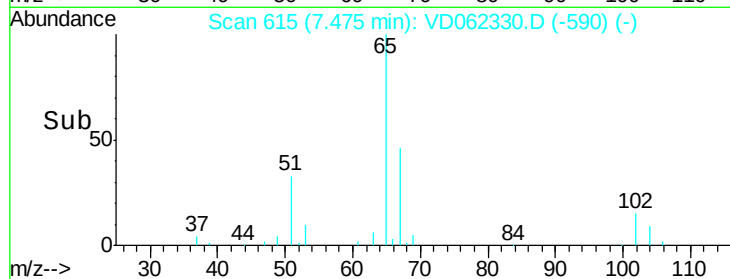
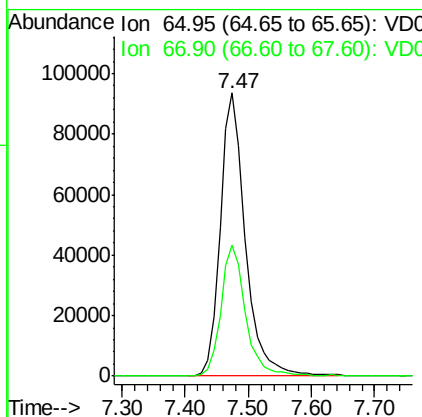
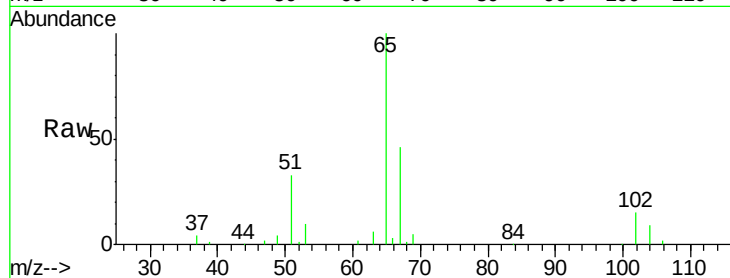




#33
 1,2-Dichloroethane-d4
 Concen: 51.403 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062330.D
 Acq: 14 May 2019 4:21

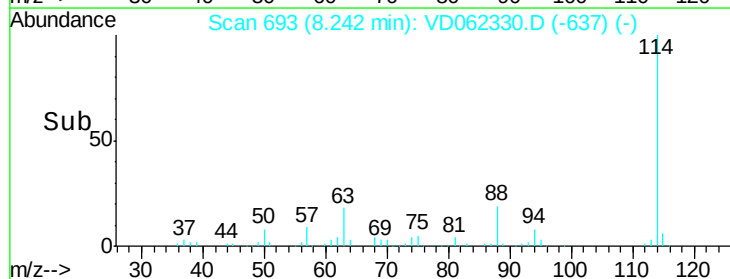
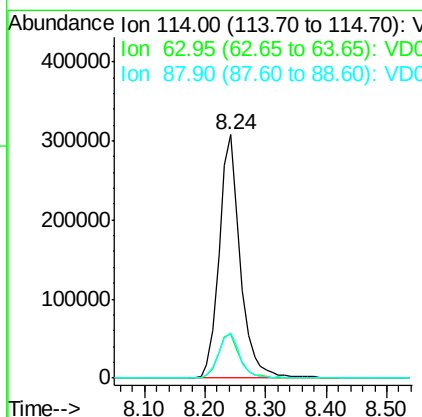
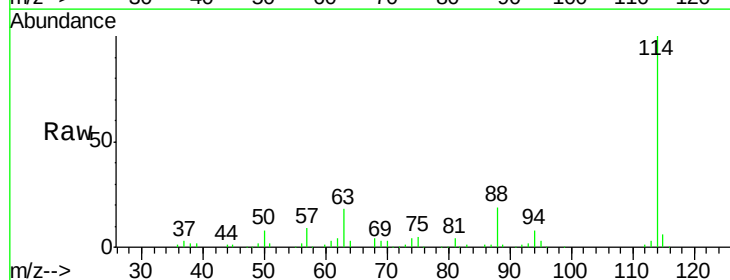
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS016-0002-01

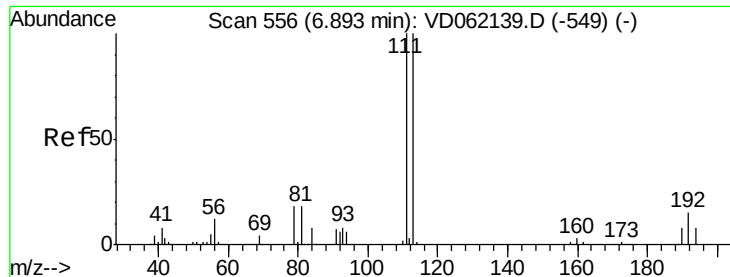
Tot Ion: 65 Resp: 257967
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062330.D
 Acq: 14 May 2019 4:21

Tgt Ion: 114 Resp: 741624
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 32.4
 88 18.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.202 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.06 min

Lab File: VD062330.D

Acq: 14 May 2019 4:21

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0002-01

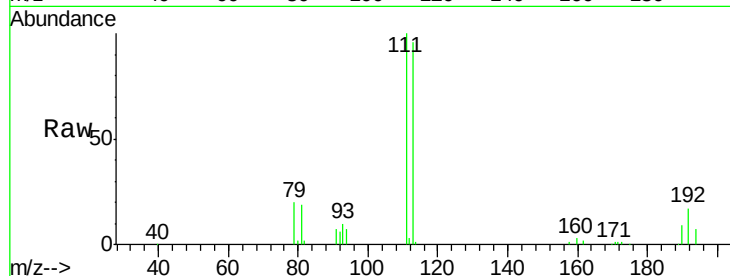
Tot Ion:113 Resp: 315064

Ion Ratio Lower Upper

113 100

111 104.1 78.5 117.7

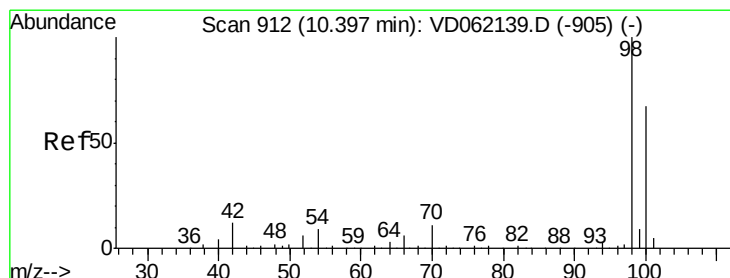
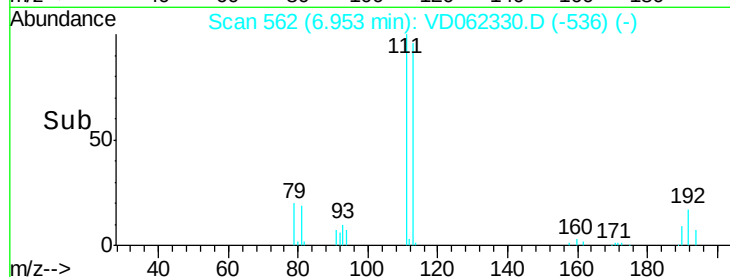
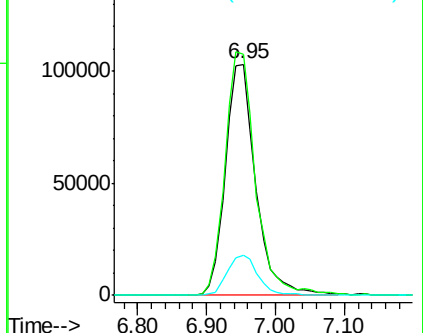
192 17.2 13.0 19.4



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: 32.350 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062330.D

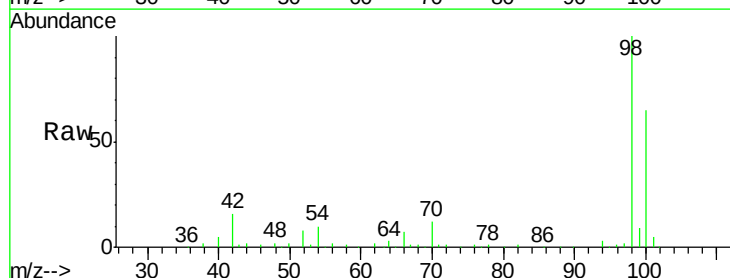
Acq: 14 May 2019 4:21

Tgt Ion: 98 Resp: 479956

Ion Ratio Lower Upper

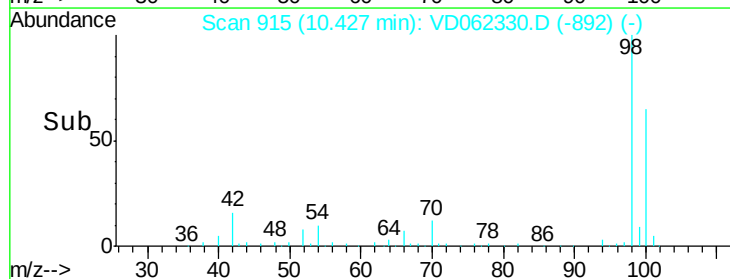
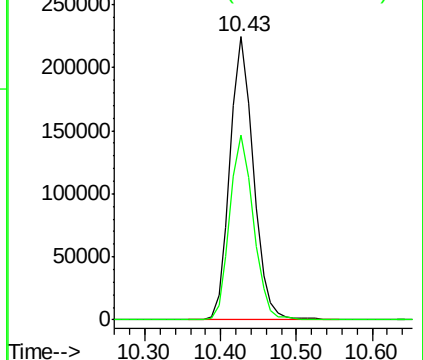
98 100

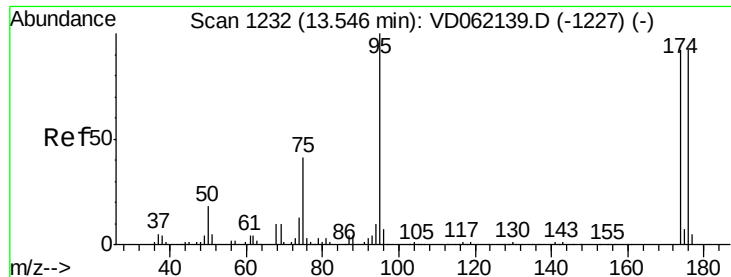
100 65.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.767 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062330.D

Acq: 14 May 2019 4:21

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0002-01

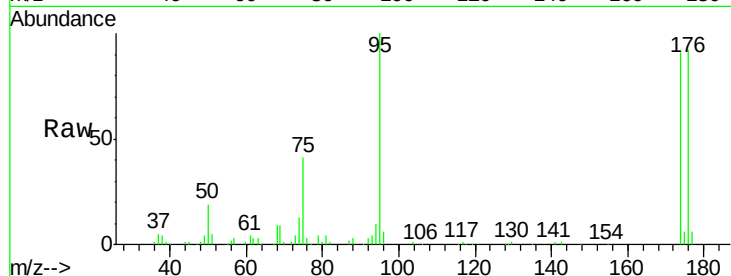
Tot Ion: 95 Resp: 183300

Ion Ratio Lower Upper

95 100

174 91.0 0.0 181.8

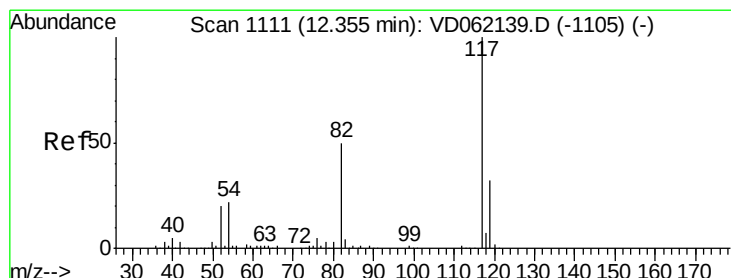
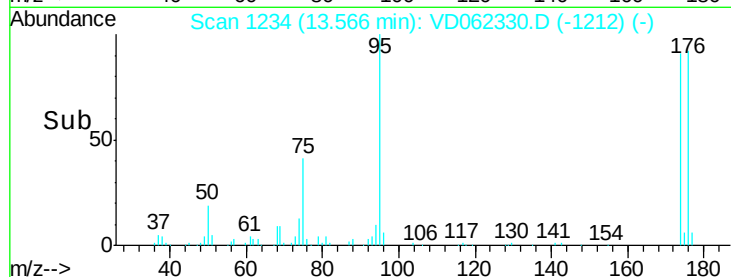
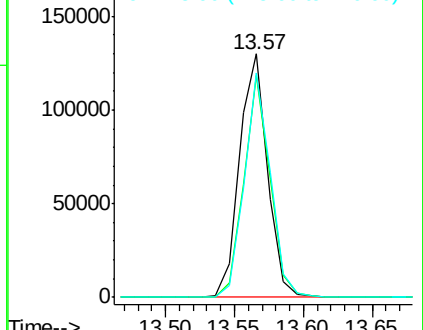
176 92.1 0.0 174.4



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: VD062330.D

Acq: 14 May 2019 4:21

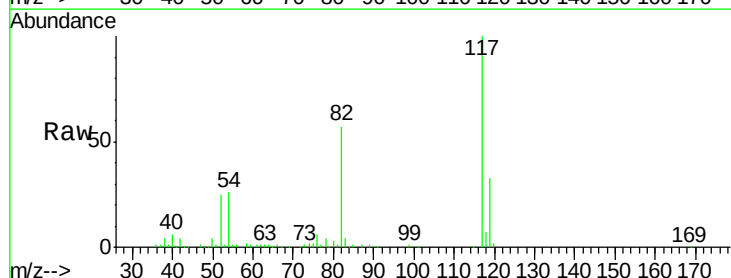
Tgt Ion: 117 Resp: 509822

Ion Ratio Lower Upper

117 100

82 57.2 36.2 54.2#

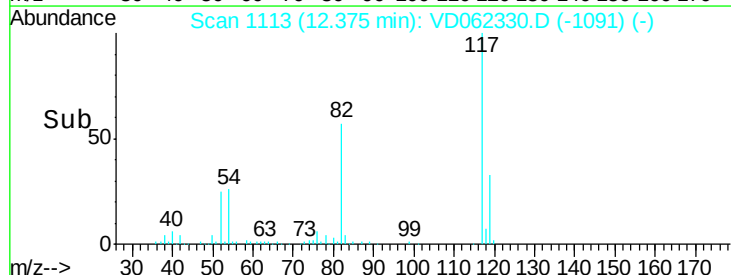
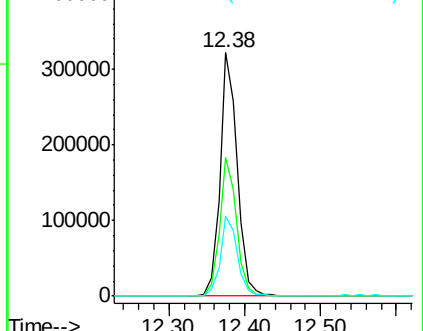
119 32.9 26.2 39.4

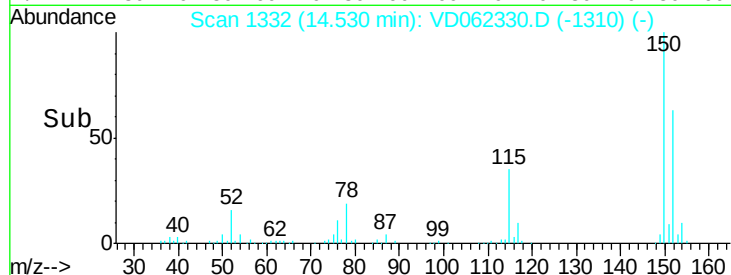
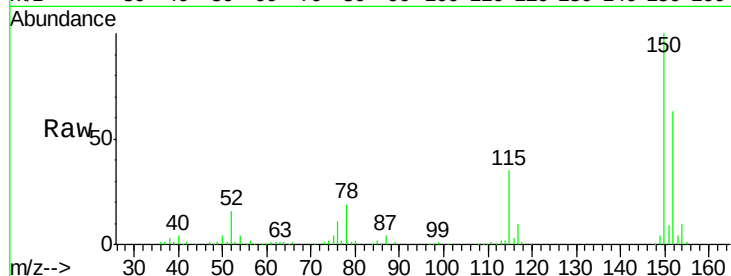
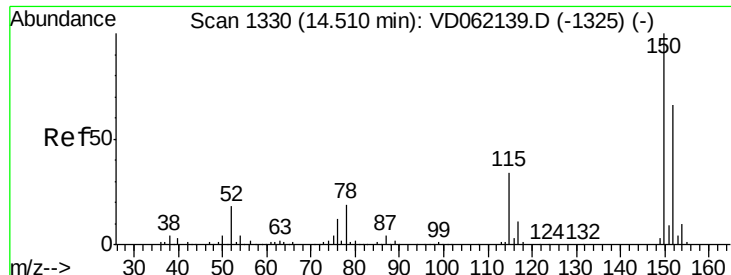


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062330.D

Acq: 14 May 2019 4:21

Instrument :

MSVOA_D

ClientSampleId :

P026-SS016-0002-01

Tot Ion:152 Resp: 185401

Ion Ratio Lower Upper

152 100

115 55.0 30.9 92.7

150 158.5 0.0 314.8

