

Data File : VD062236.D
Acq On : 11 May 2019 14:41
Operator : FY/SY
Sample : K2717-20
Misc : 6.77g/5mL/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-0206-01

Quant Time: May 11 22:53:28 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	7.04	168	690661	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	984673	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	699752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	261863	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	376514	58.66	ug/l	0.03
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	6.92	113	418736	51.25	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.41	98	879546	44.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.30%	
62) 4-Bromofluorobenzene	13.56	95	296505	37.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.96%	
Target Compounds						
16) Acetone	3.22	43	18487	13.735	ug/l #	90
20) Methylene Chloride	3.82	84	30369	5.404	ug/l #	92

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

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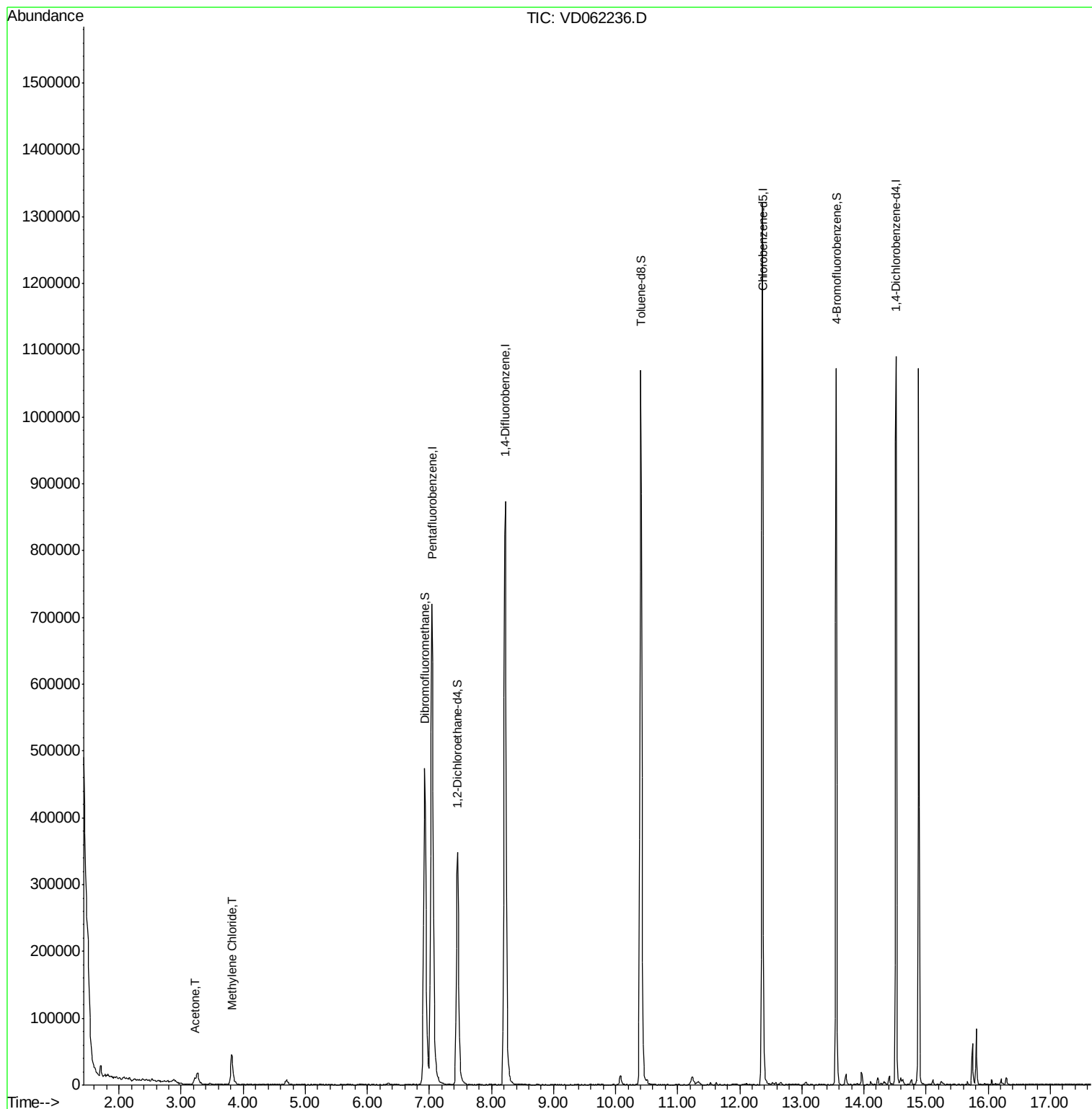
Quant Time: May 11 22:53:28 2019

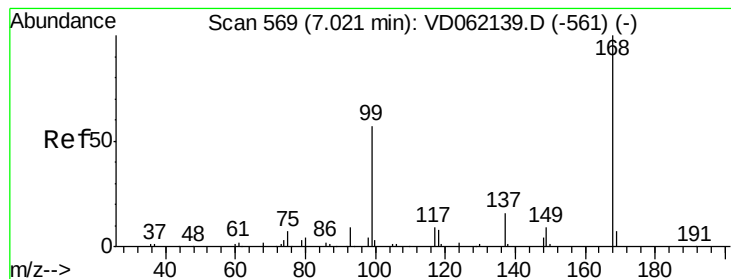
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M

Quant Title : SW846 8260

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

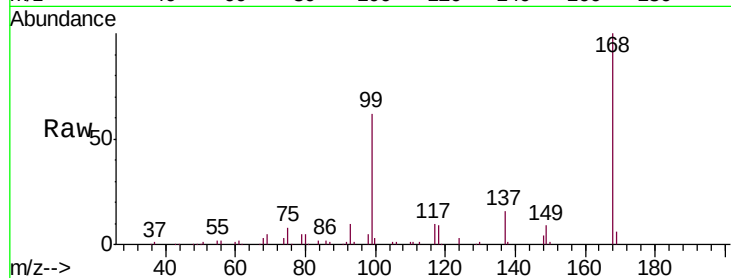
P026-SS004-0206-01

Tgt Ion:168 Resp: 690661

Ion Ratio Lower Upper

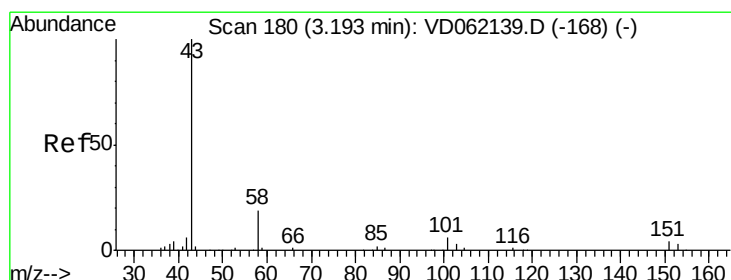
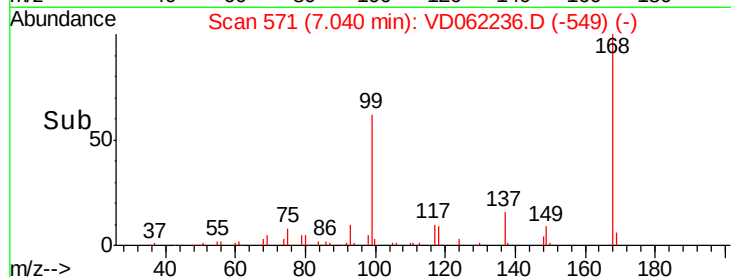
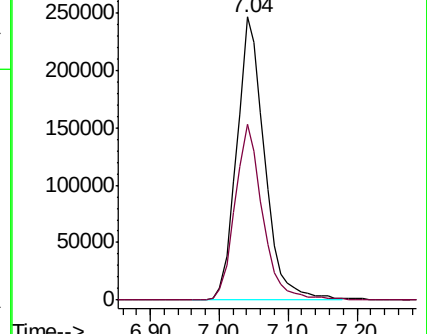
168 100

99 61.9 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: 13.735 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062236.D

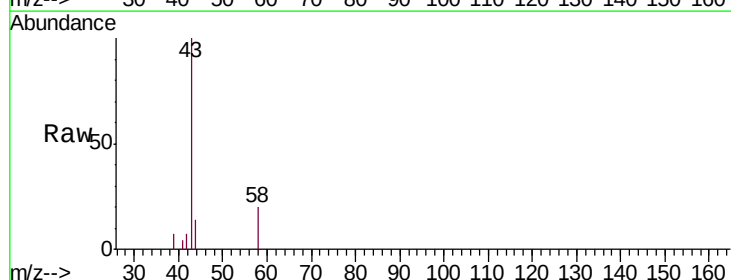
Acq: 11 May 2019 14:41

Tgt Ion: 43 Resp: 18487

Ion Ratio Lower Upper

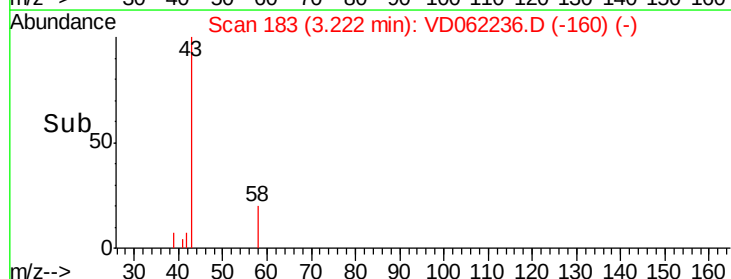
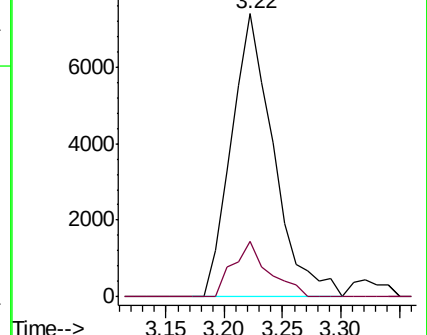
43 100

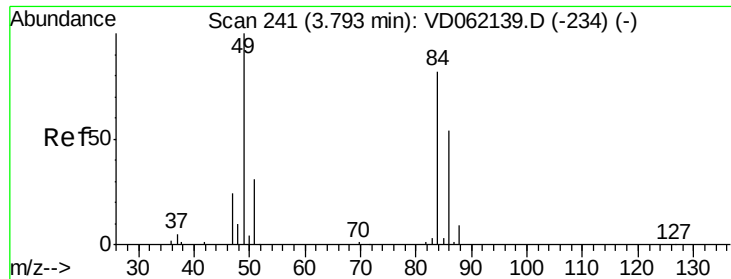
58 19.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

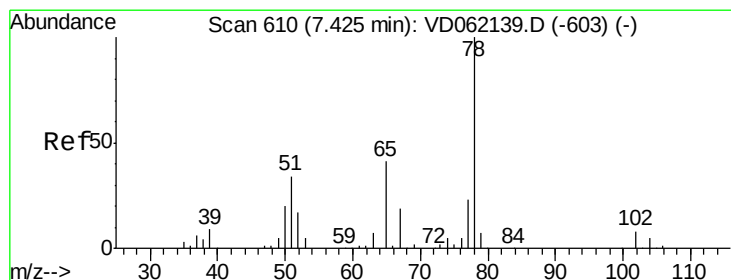
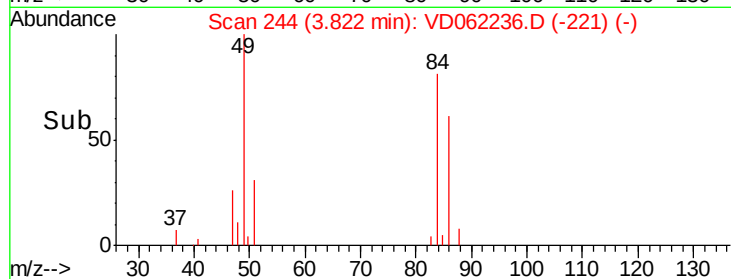
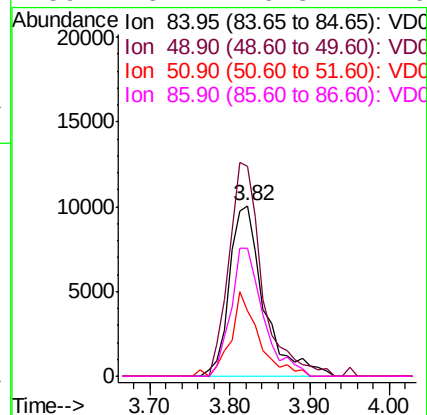
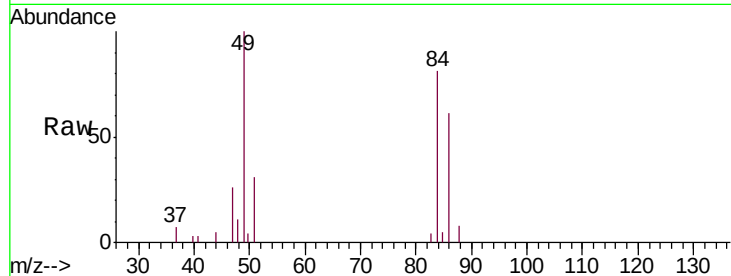




#20
Methylene Chloride
Concen: 5.404 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

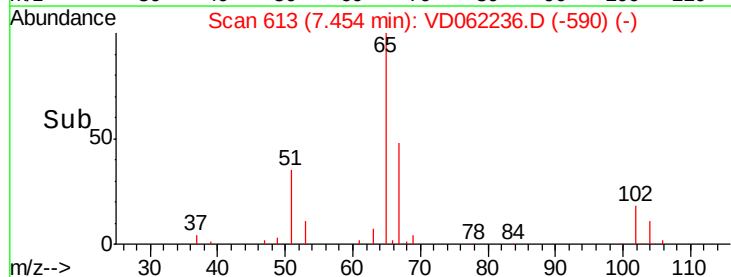
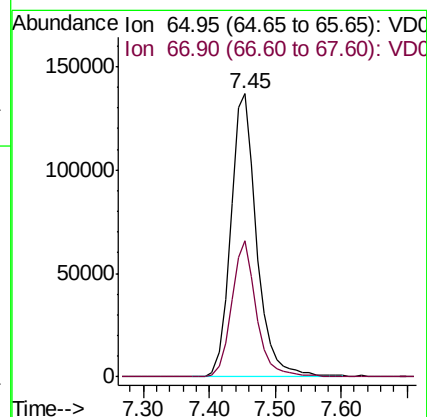
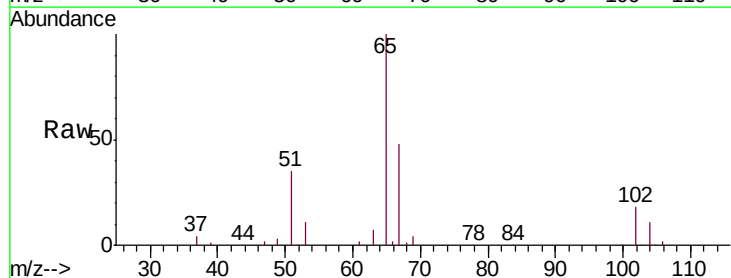
Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-0206-01

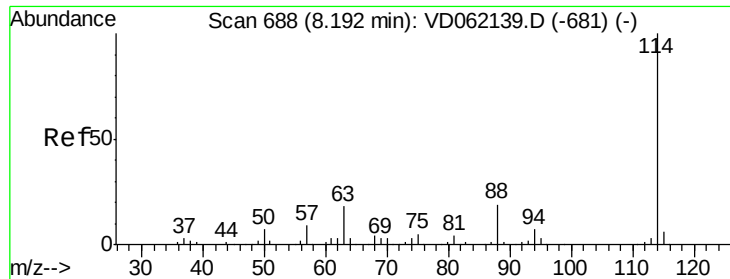
Tgt Ion: 84 Resp: 30369
Ion Ratio Lower Upper
84 100
49 123.1 94.0 141.0
51 38.3 29.0 43.4
86 75.2 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 58.662 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Tgt Ion: 65 Resp: 376514
Ion Ratio Lower Upper
65 100
67 48.3 0.0 98.0

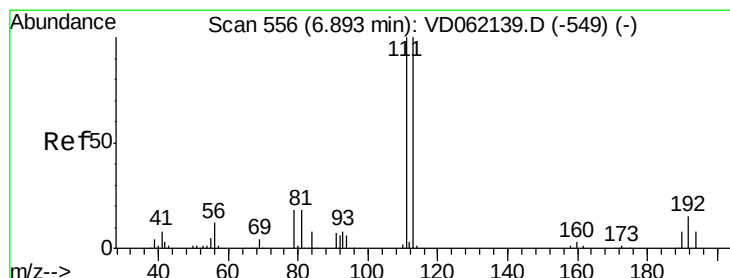
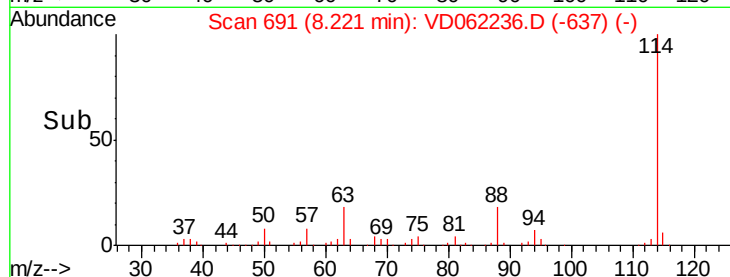
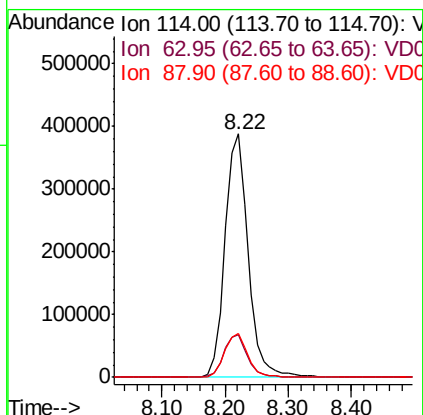
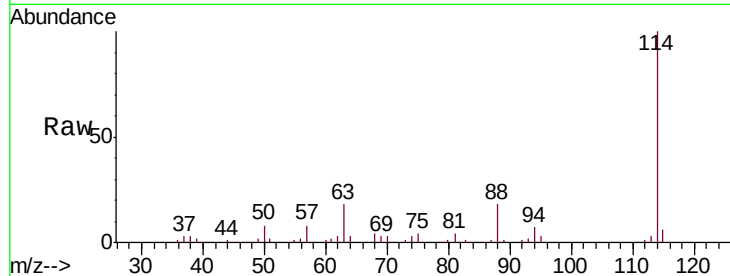




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062236.D
 Acq: 11 May 2019 14:41

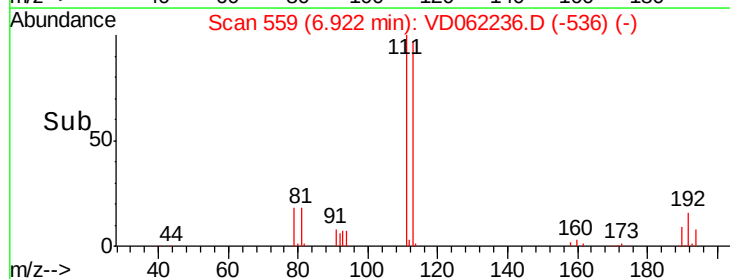
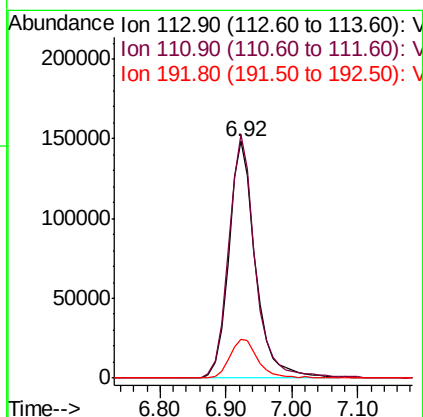
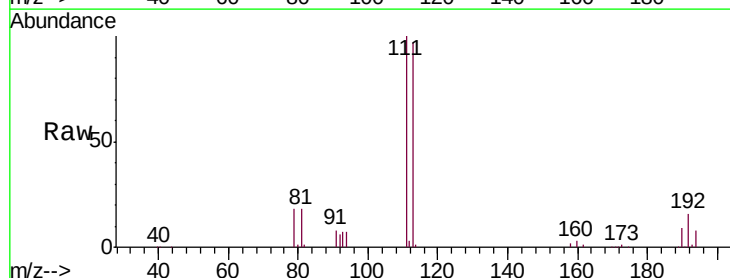
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS004-0206-01

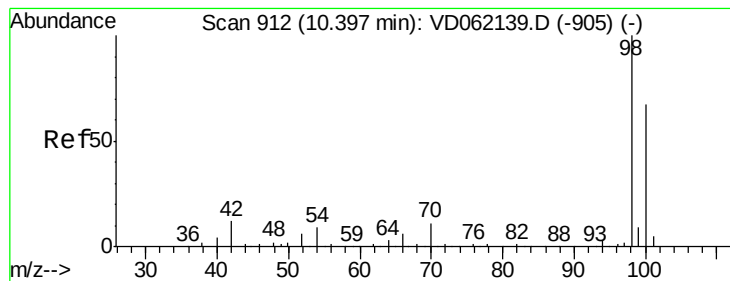
Tgt Ion:114 Resp: 984673
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 32.4
 88 18.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 51.253 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062236.D
 Acq: 11 May 2019 14:41

Tgt Ion:113 Resp: 418736
 Ion Ratio Lower Upper
 113 100
 111 102.7 78.5 117.7
 192 16.4 13.0 19.4





#50

Toluene-d8

Concen: 44.651 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062236.D

Acq: 11 May 2019 14:41

Instrument :

MSVOA_D

ClientSampleId :

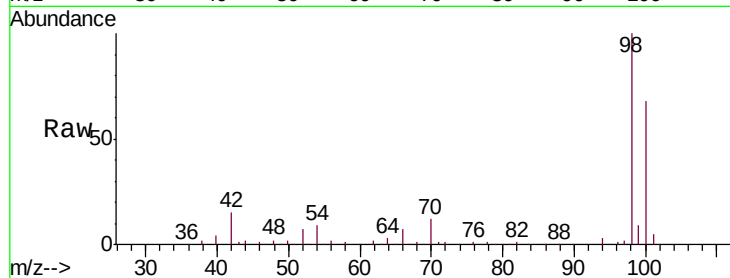
P026-SS004-0206-01

Tgt Ion: 98 Resp: 879546

Ion Ratio Lower Upper

98 100

100 68.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

400000

300000

200000

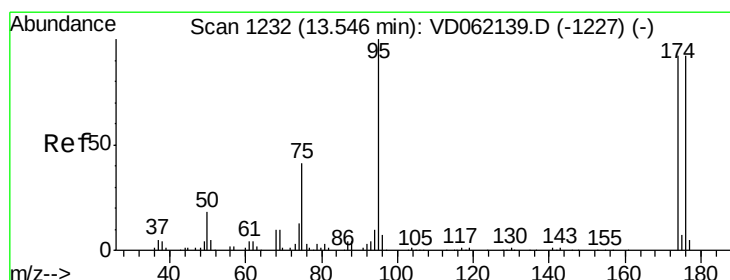
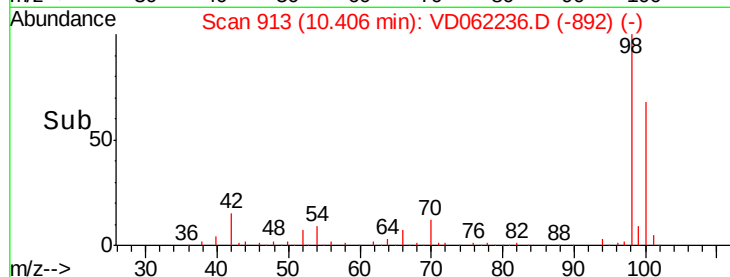
100000

0

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 37.484 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062236.D

Acq: 11 May 2019 14:41

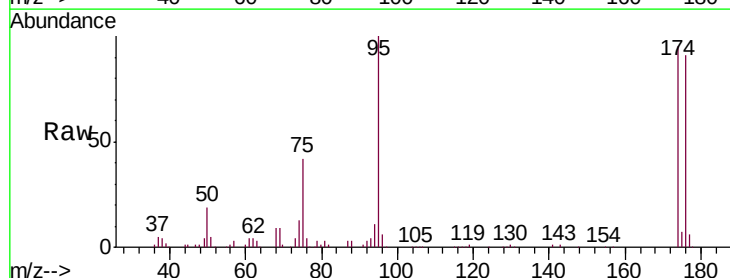
Tgt Ion: 95 Resp: 296505

Ion Ratio Lower Upper

95 100

174 95.2 0.0 181.8

176 91.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

300000

250000

200000

150000

100000

50000

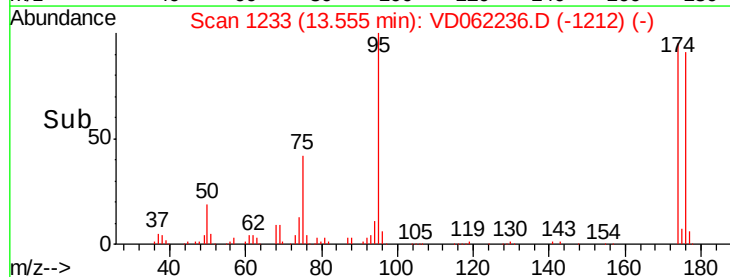
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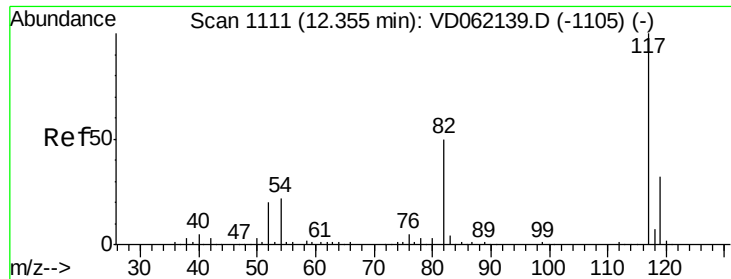
13.56

13.50

13.60

Time-->

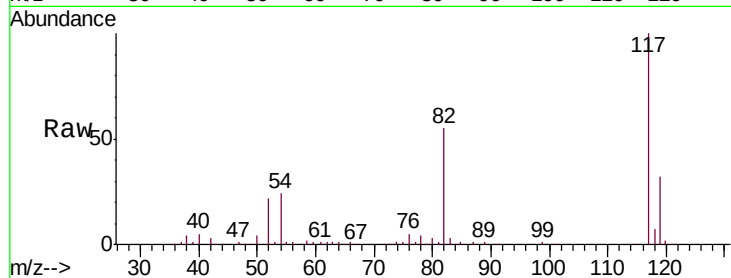




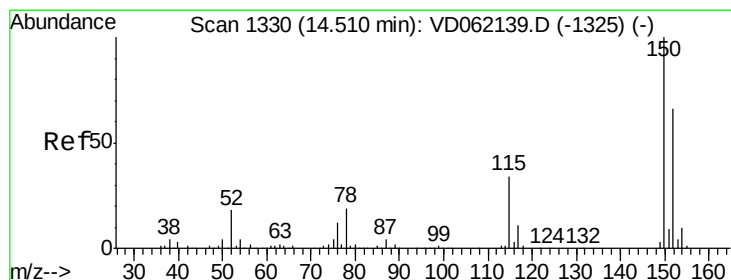
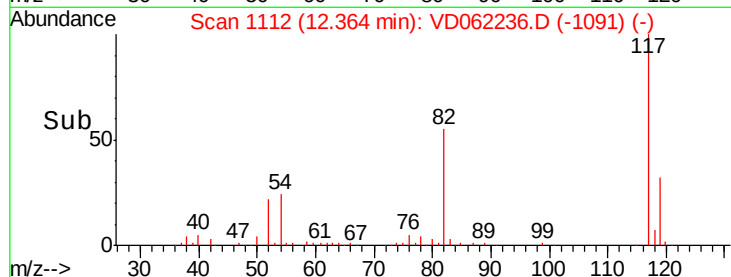
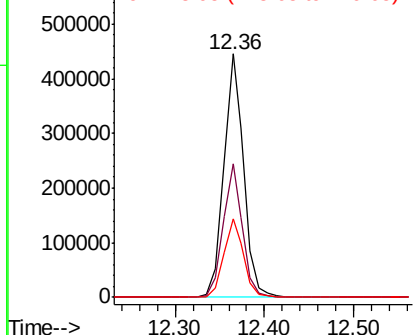
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Instrument :
MSVOA_D
ClientSampleId :
P026-SS004-0206-01

Tgt Ion:117 Resp: 699752
Ion Ratio Lower Upper
117 100
82 54.6 36.2 54.2#
119 32.4 26.2 39.4

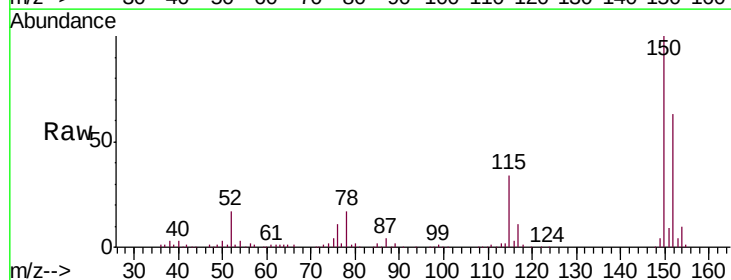


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062236.D
Acq: 11 May 2019 14:41

Tgt Ion:152 Resp: 261863
Ion Ratio Lower Upper
152 100
115 53.7 30.9 92.7
150 159.1 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

