

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062225.D
 Acq On : 10 May 2019 20:28
 Operator : FY/SY
 Sample : K2719-05
 Misc : 6.11g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: May 11 00:20:42 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

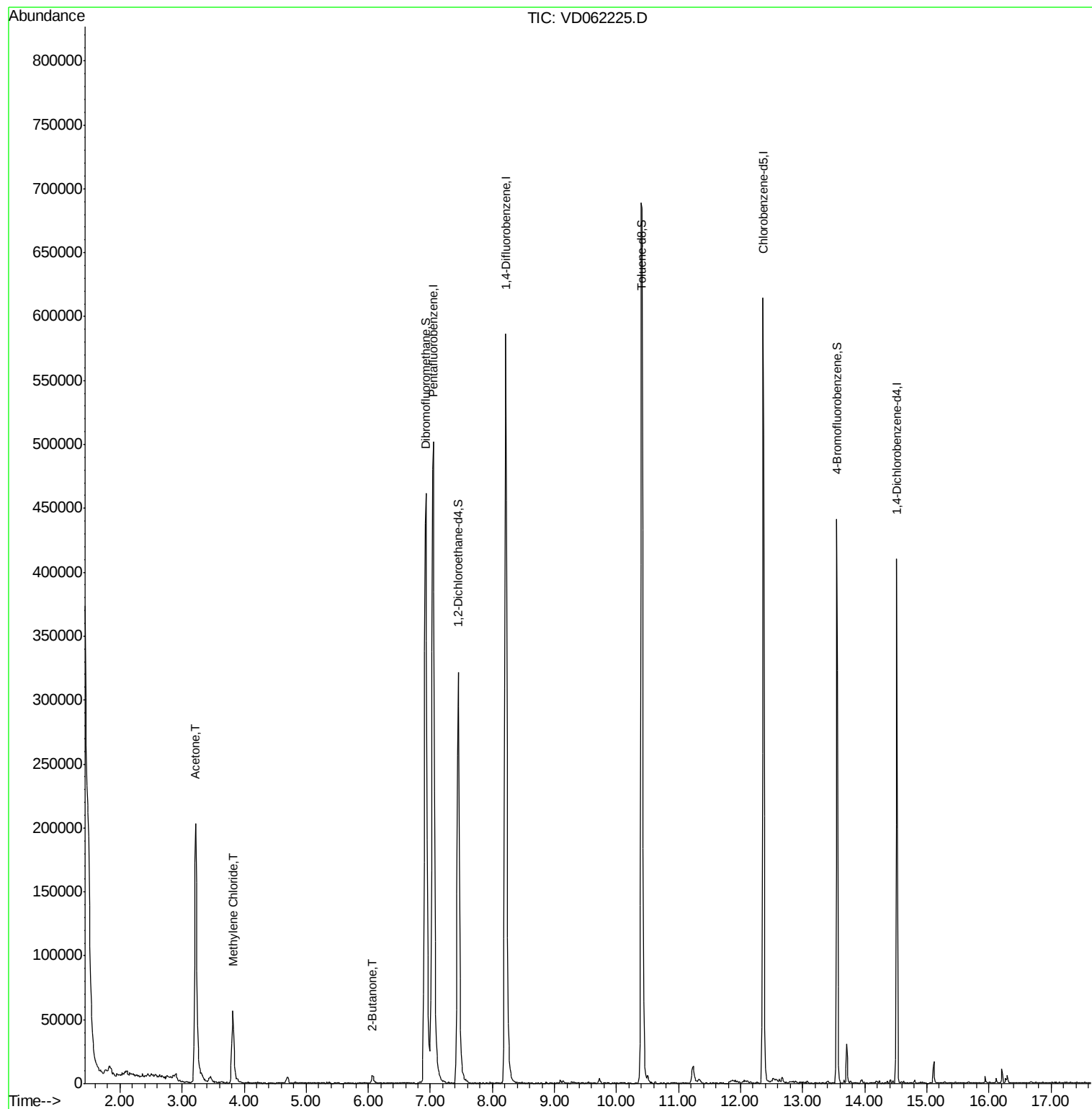
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	492217	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	650884	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	337336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	89358	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	353154	77.21	ug/l	0.03
Spiked Amount 50.000			Recovery	=	154.42%	
35) Dibromofluoromethane	6.93	113	415461	76.93	ug/l	0.04
Spiked Amount 50.000			Recovery	=	153.86%	
50) Toluene-d8	10.41	98	597323	45.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	13.55	95	124076	23.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.46%	
Target Compounds						
16) Acetone	3.22	43	370328	386.054	ug/l #	86
20) Methylene Chloride	3.82	84	36867	9.205	ug/l	95
25) 2-Butanone	6.06	43	12499	11.946	ug/l #	76

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

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QLast Update : Tue May 07 14:26:29 2019
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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: 10 May 2019 20:28

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ClientSampleId :

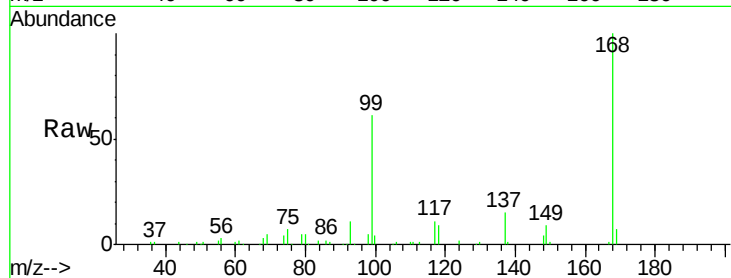
P026-SS008-0612-01

Tot Ion:168 Resp: 492217

Ion Ratio Lower Upper

168 100

99 61.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

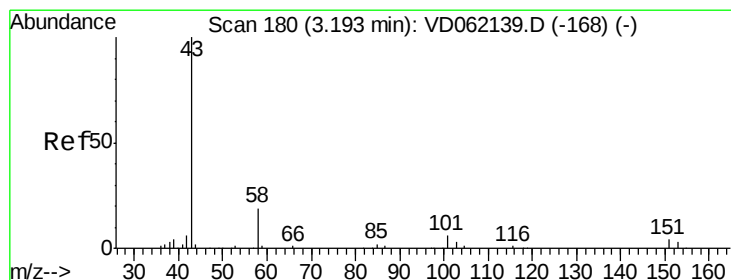
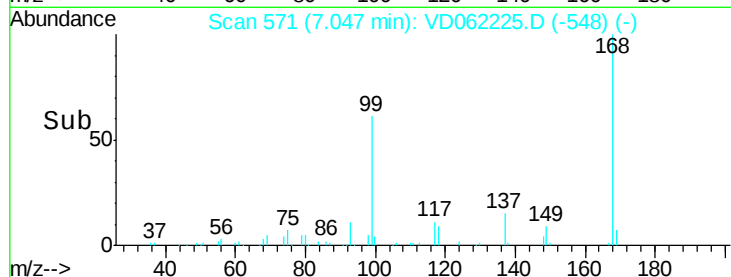
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 386.054 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062225.D

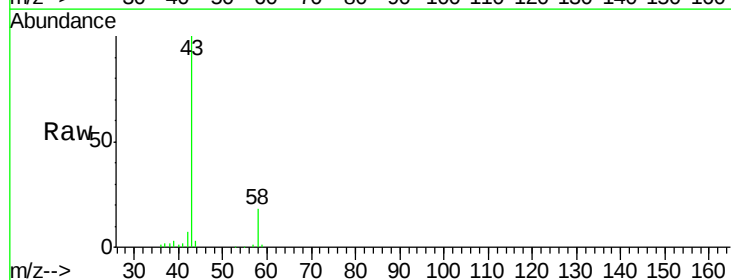
Acq: 10 May 2019 20:28

Tgt Ion: 43 Resp: 370328

Ion Ratio Lower Upper

43 100

58 17.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

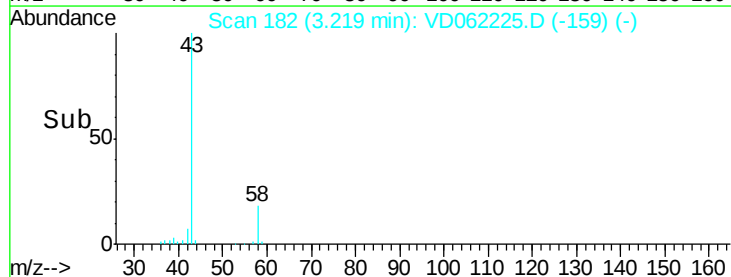
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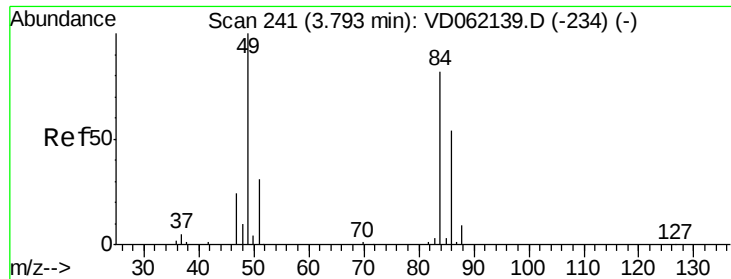
100000

50000

0

Time-->

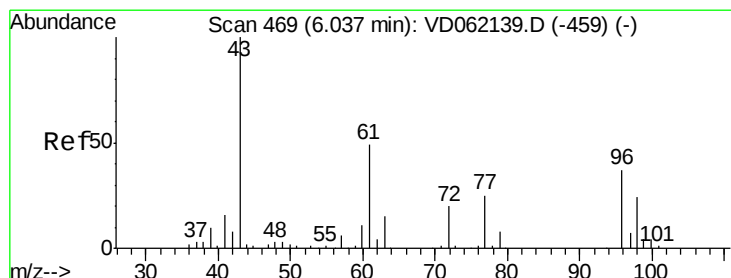
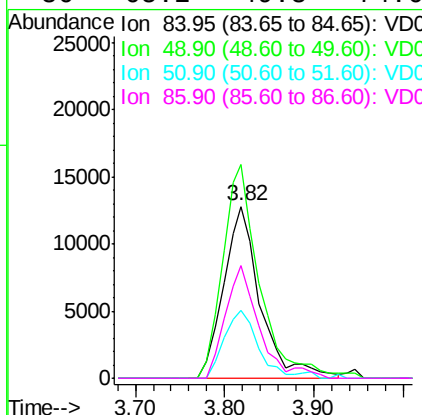
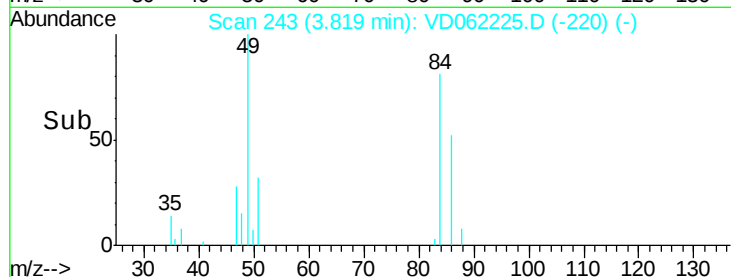
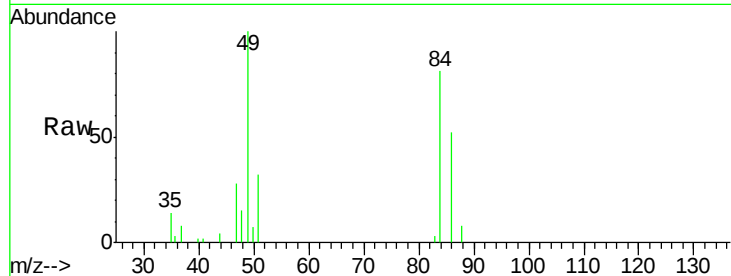




#20
Methvlene Chloride
Concen: 9.205 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.03 min
Lab File: VD062225.D
Acq: 10 May 2019 20:28

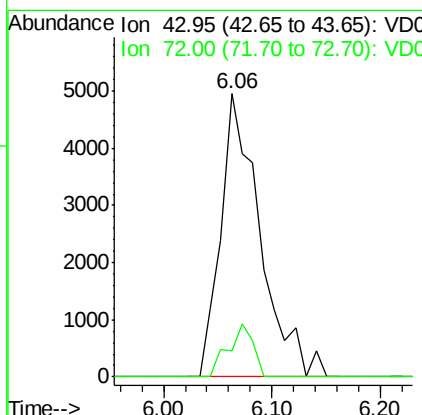
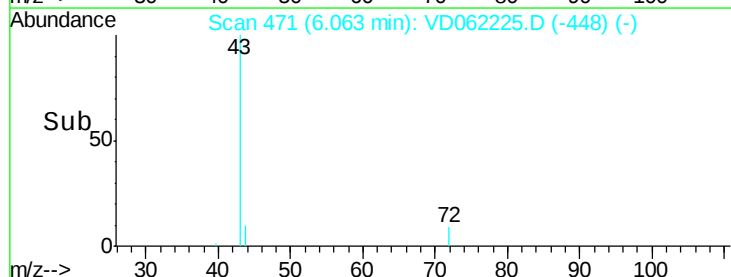
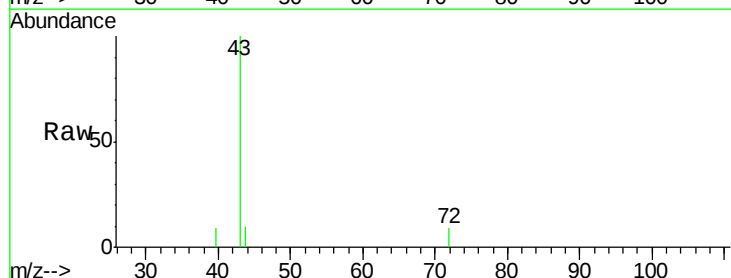
Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-0612-01

Tot Ion: 84 Resp: 36867
Ion Ratio Lower Upper
84 100
49 124.2 94.0 141.0
51 39.2 29.0 43.4
86 65.2 49.8 74.6



#25
2-Butanone
Concen: 11.946 ug/l
RT: 6.06 min Scan# 471
Delta R.T. 0.03 min
Lab File: VD062225.D
Acq: 10 May 2019 20:28

Tgt Ion: 43 Resp: 12499
Ion Ratio Lower Upper
43 100
72 9.1 16.2 24.4#





#33

1,2-Dichloroethane-d4

Concen: 77.205 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.03 min

Lab File: VD062225.D

Acq: 10 May 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

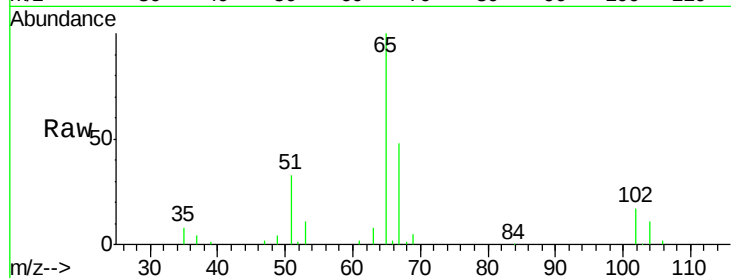
P026-SS008-0612-01

Tot Ion: 65 Resp: 353154

Ion Ratio Lower Upper

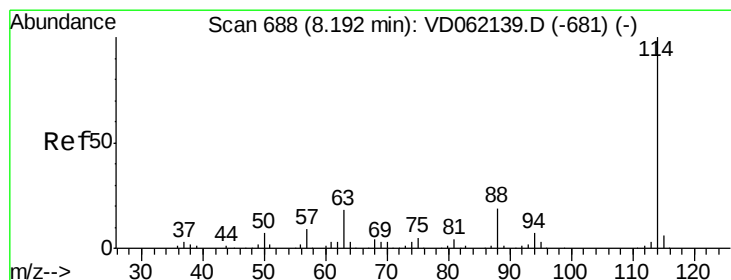
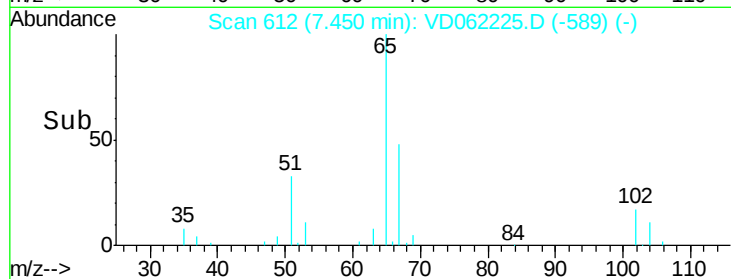
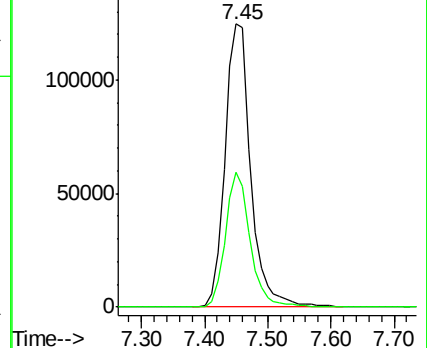
65 100

67 47.9 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: VD062225.D

Acq: 10 May 2019 20:28

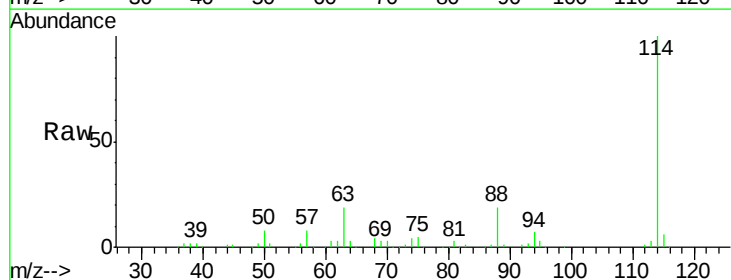
Tgt Ion: 114 Resp: 650884

Ion Ratio Lower Upper

114 100

63 19.0 0.0 32.4

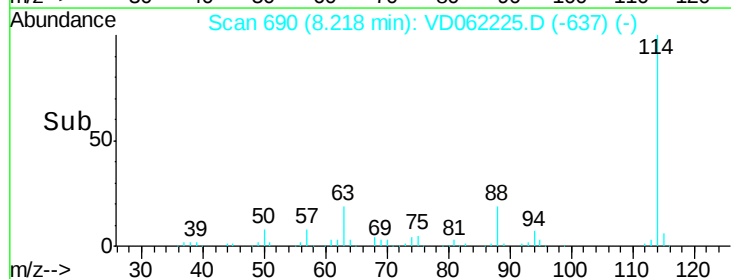
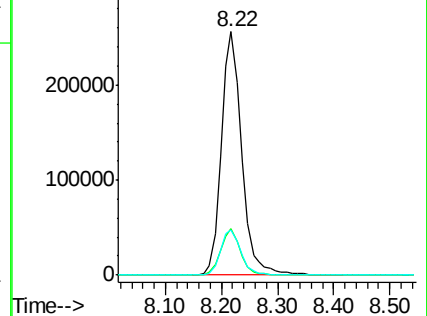
88 18.6 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 76.931 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062225.D

Acq: 10 May 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-0612-01

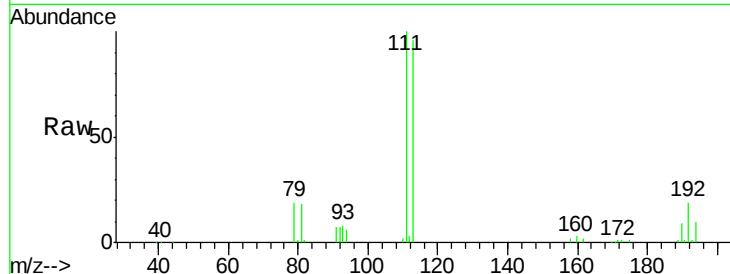
Tot Ion:113 Resp: 415461

Ion Ratio Lower Upper

113 100

111 104.5 78.5 117.7

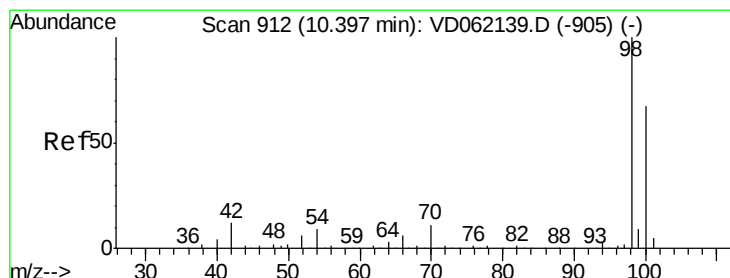
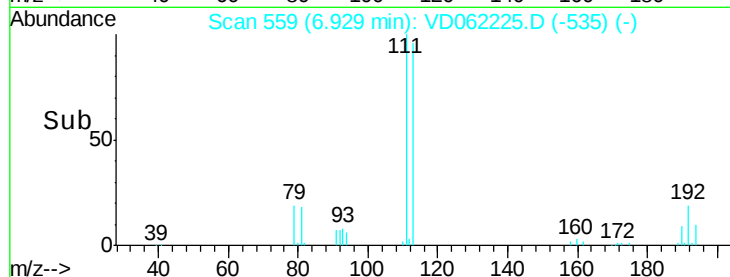
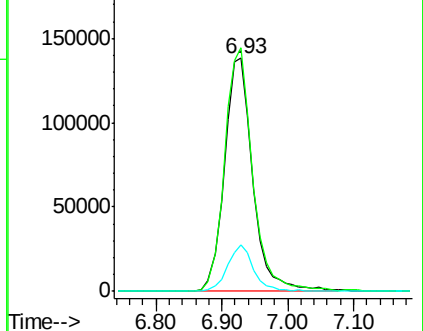
192 20.0 13.0 19.4#



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: 45.874 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062225.D

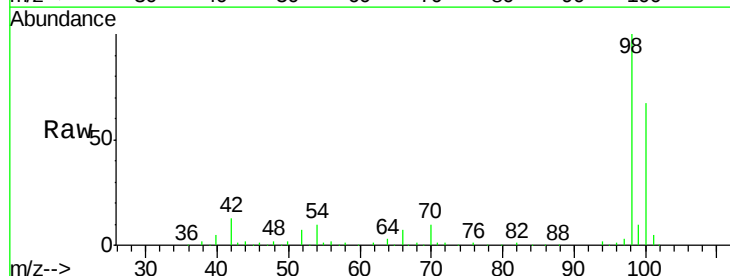
Acq: 10 May 2019 20:28

Tgt Ion: 98 Resp: 597323

Ion Ratio Lower Upper

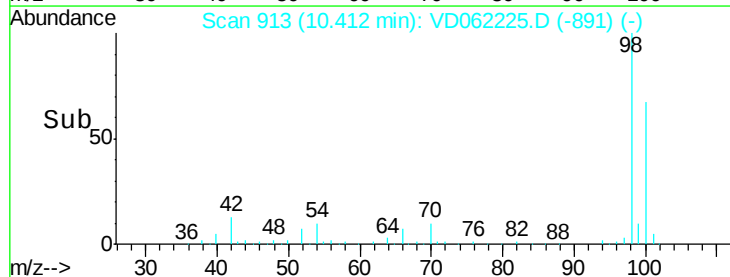
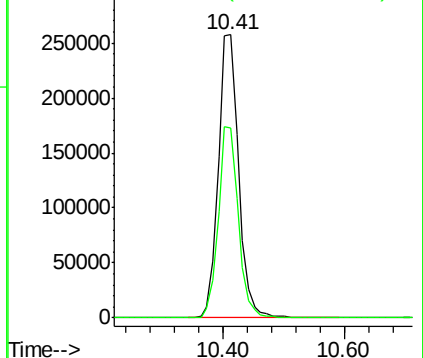
98 100

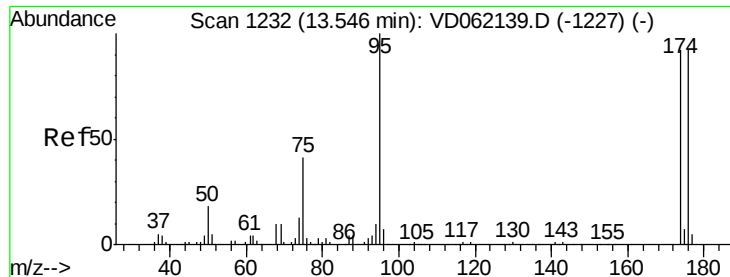
100 67.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 23.730 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062225.D

Acq: 10 May 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-0612-01

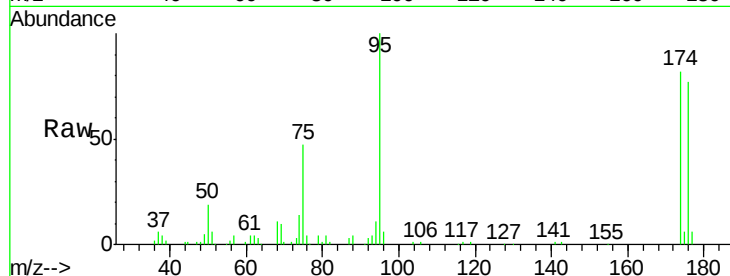
Tot Ion: 95 Resp: 124076

Ion Ratio Lower Upper

95 100

174 82.3 0.0 181.8

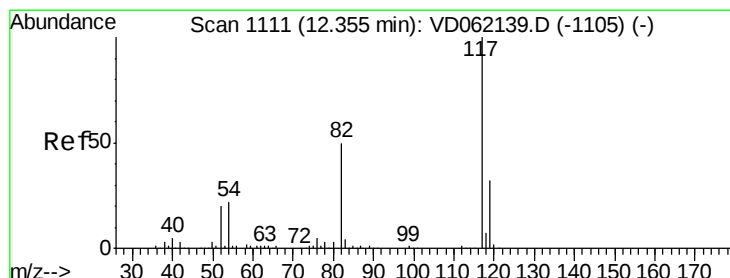
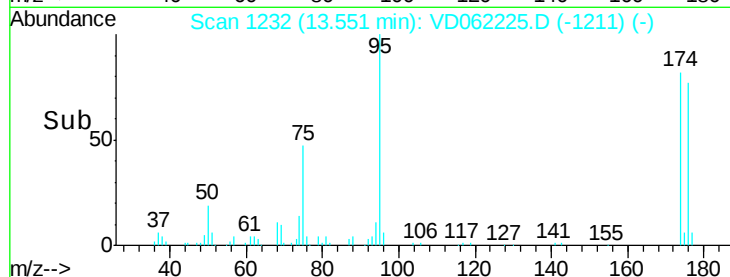
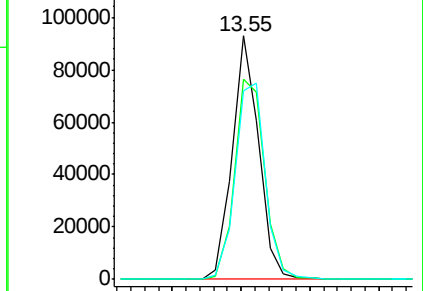
176 77.2 0.0 174.4



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: 12.36 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD062225.D

Acq: 10 May 2019 20:28

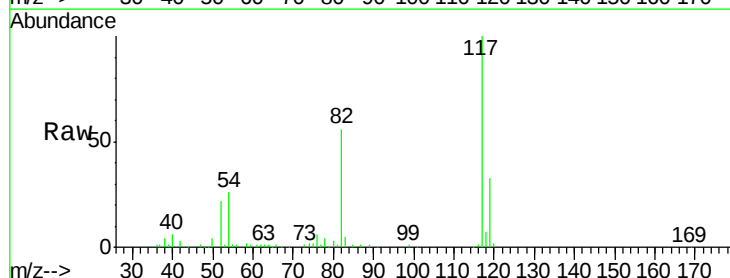
Tgt Ion: 117 Resp: 337336

Ion Ratio Lower Upper

117 100

82 56.4 36.2 54.2#

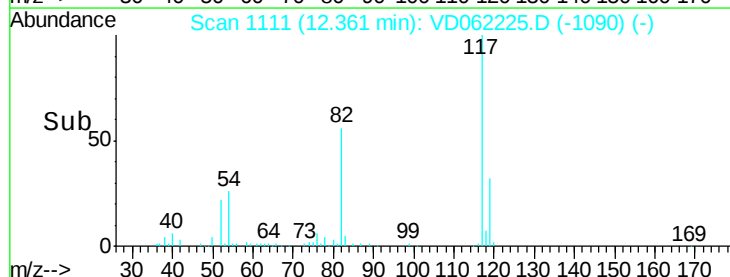
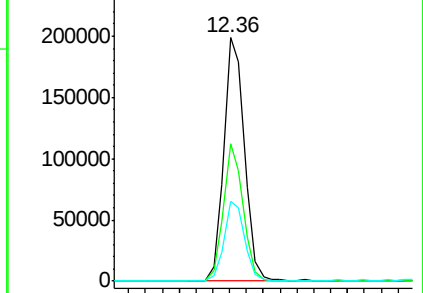
119 32.7 26.2 39.4

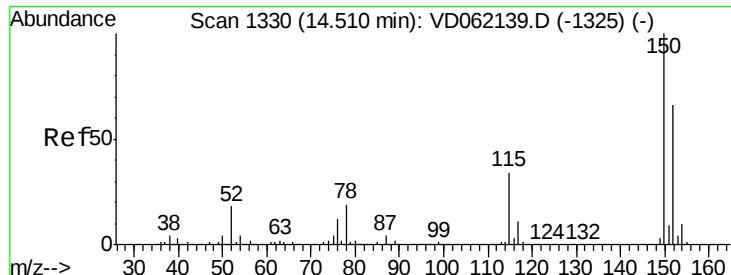


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062225.D

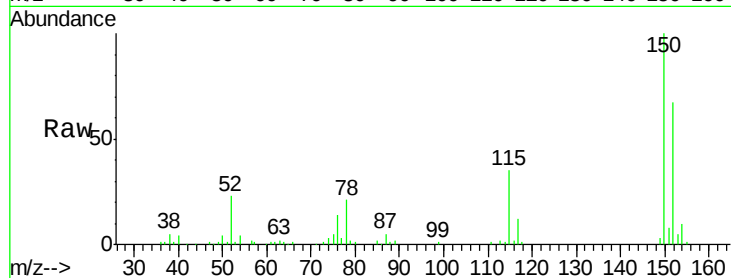
Acq: 10 May 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-0612-01



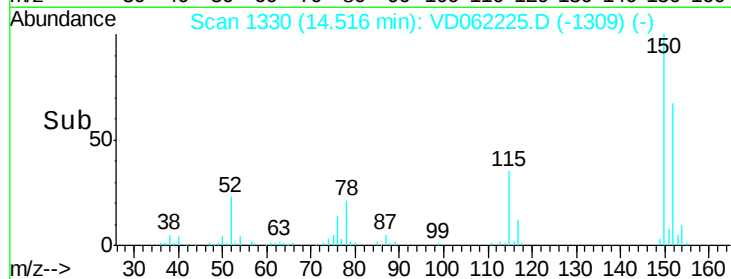
Tot Ion:152 Resp: 89358

Ion Ratio Lower Upper

152 100

115 52.5 30.9 92.7

150 150.2 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

150000

100000

50000

0

14.52

14.50

14.55

Time-->