

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062844.D
 Acq On : 24 Jun 2019 16:59
 Operator : VA/AP
 Sample : K3499-06
 Misc : 5.24g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(11-12)

Quant Time: Jun 25 05:41:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

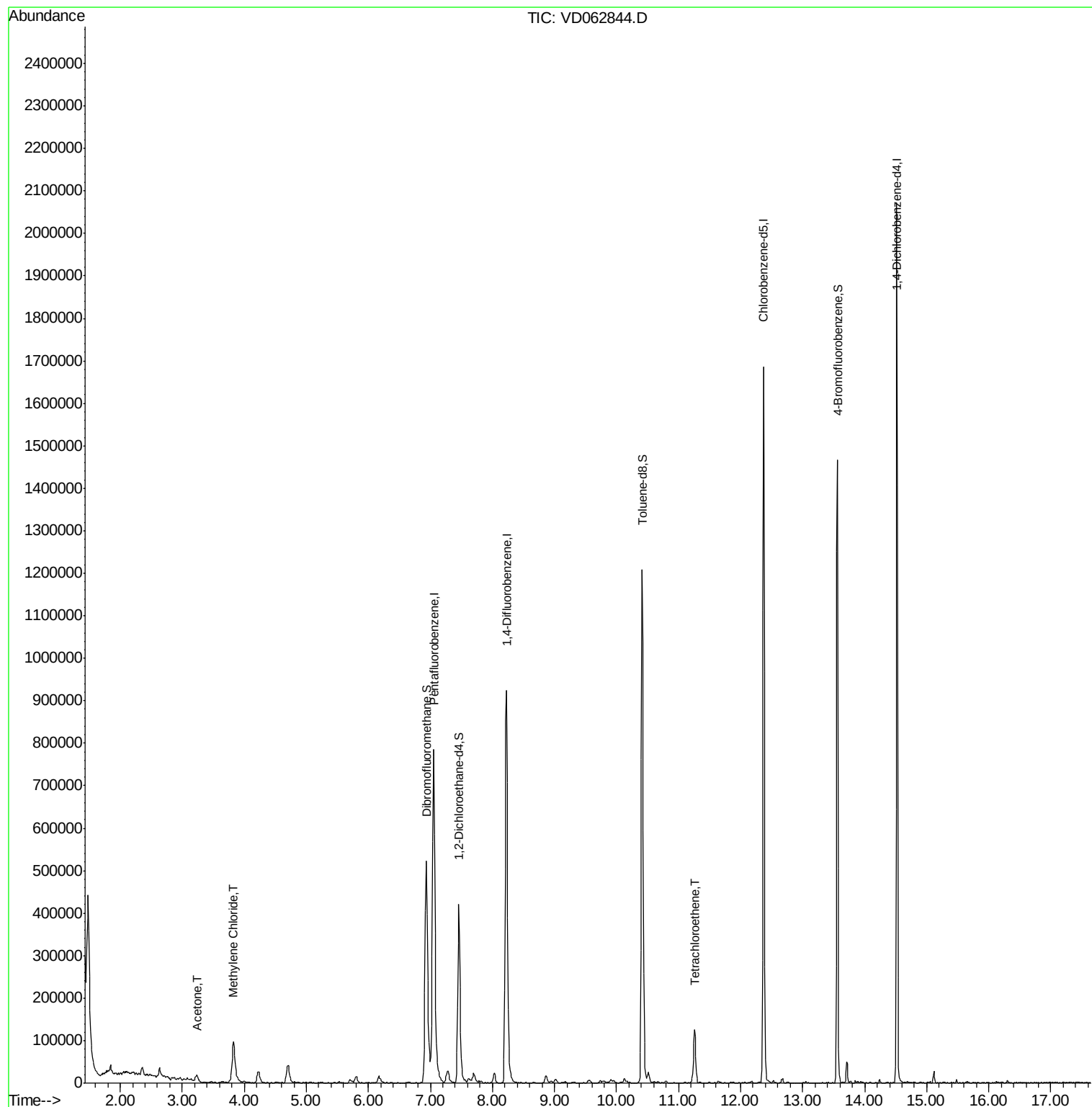
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	762965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	999068	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	836828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	431962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	480455	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
35) Dibromofluoromethane	6.94	113	473855	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
50) Toluene-d8	10.41	98	934228	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	13.56	95	409219	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
Target Compounds						
16) Acetone	3.24	43	39962	17.248	ug/l #	92
20) Methylene Chloride	3.83	84	41351	6.538	ug/l #	80
64) Tetrachloroethene	11.27	164	30631	4.447	ug/l	91

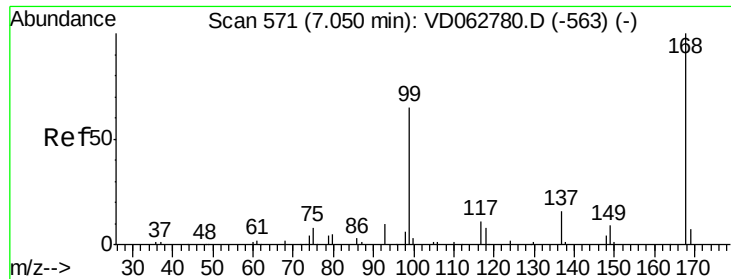
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

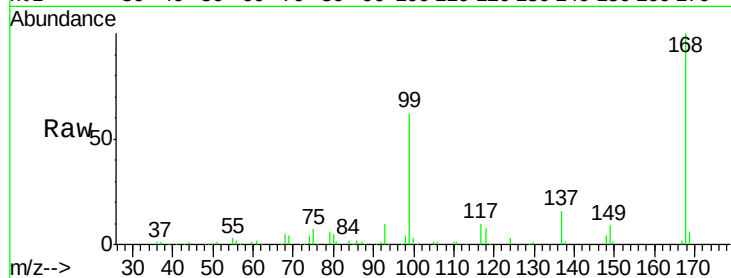
B-6(11-12)

Tot Ion:168 Resp: 762965

Ion Ratio Lower Upper

168 100

99 61.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

250000

200000

150000

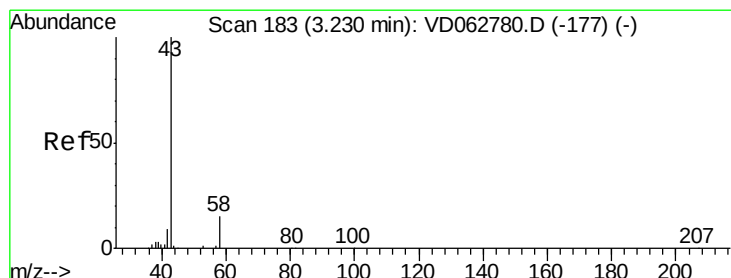
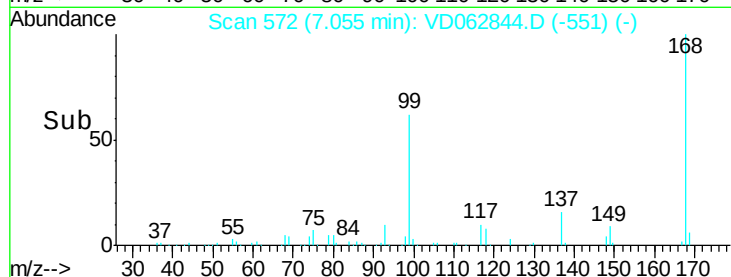
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 17.248 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062844.D

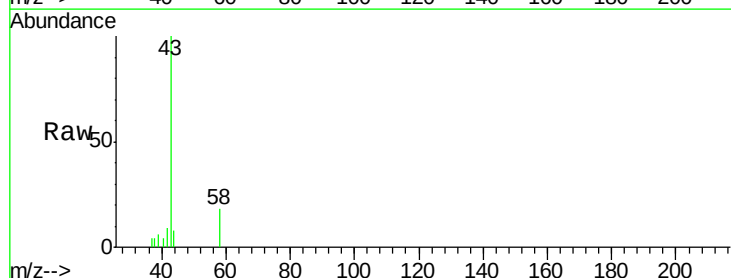
Acq: 24 Jun 2019 16:59

Tgt Ion: 43 Resp: 39962

Ion Ratio Lower Upper

43 100

58 18.3 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

15000

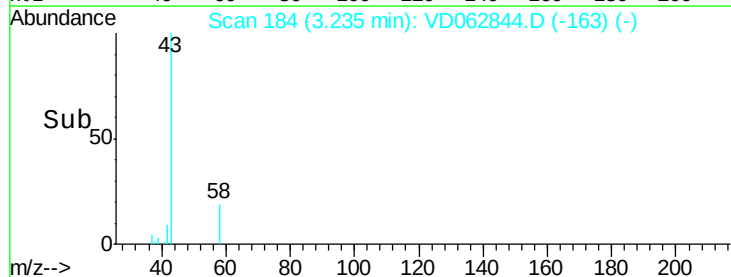
10000

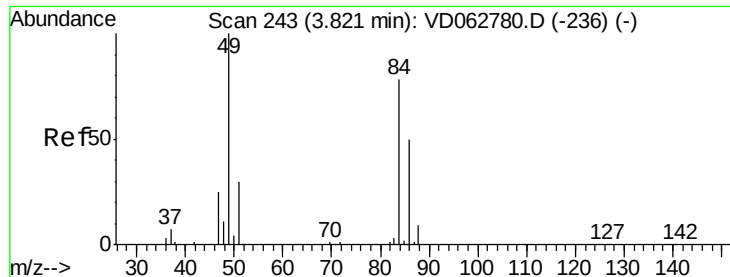
5000

0

3.10 3.20 3.30

Time-->





#20

Methylene Chloride

Concen: 6.538 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-12)

Tot Ion: 84 Resp: 41351

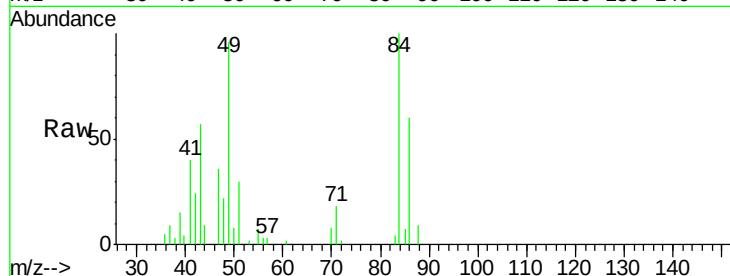
Ion Ratio Lower Upper

84 100

49 95.7 102.9 154.3#

51 29.9 31.2 46.8#

86 60.1 51.4 77.2

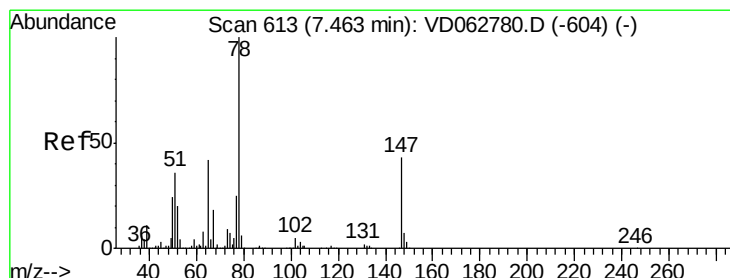
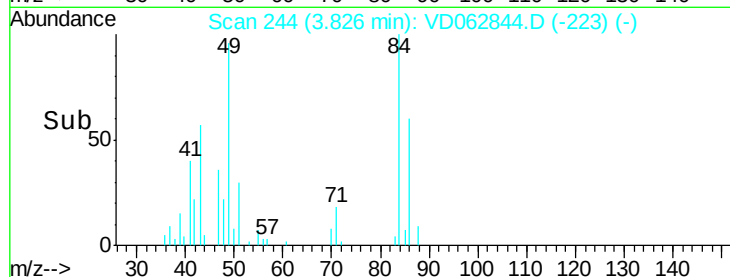
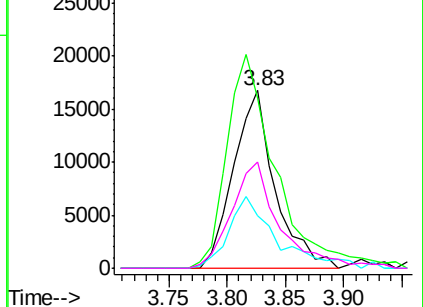


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 57.933 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062844.D

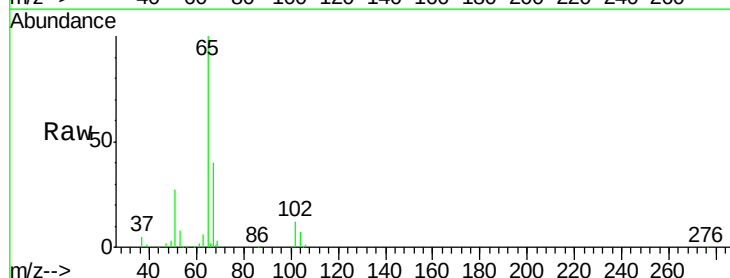
Acq: 24 Jun 2019 16:59

Tgt Ion: 65 Resp: 480455

Ion Ratio Lower Upper

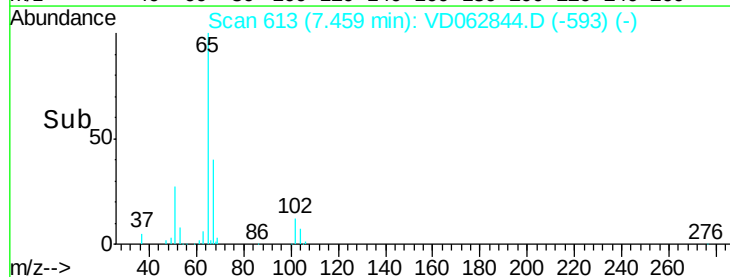
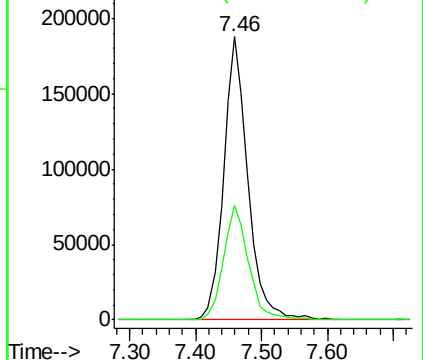
65 100

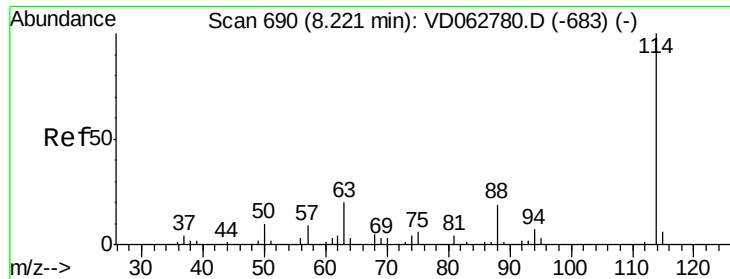
67 40.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

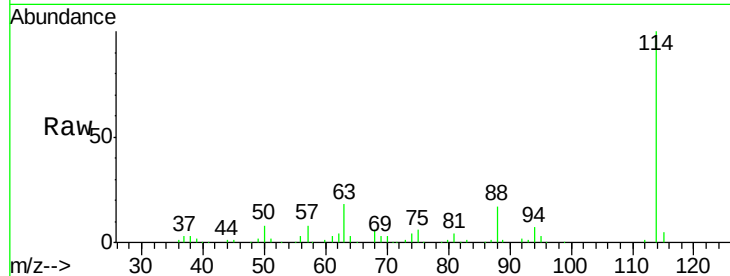




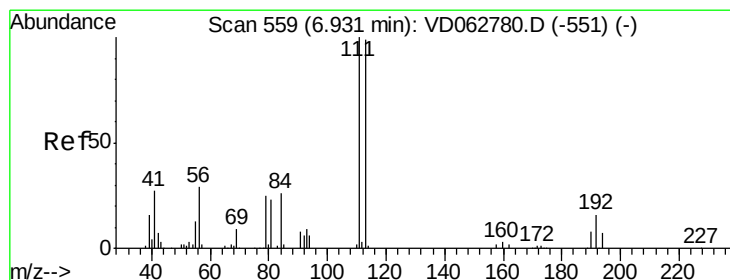
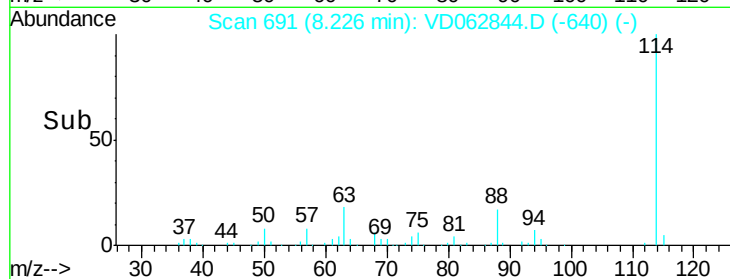
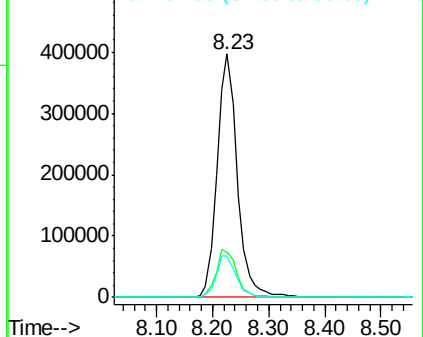
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062844.D
 Acq: 24 Jun 2019 16:59

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(11-12)

Tot Ion:114 Resp: 999068
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.0
 88 17.0 0.0 38.8

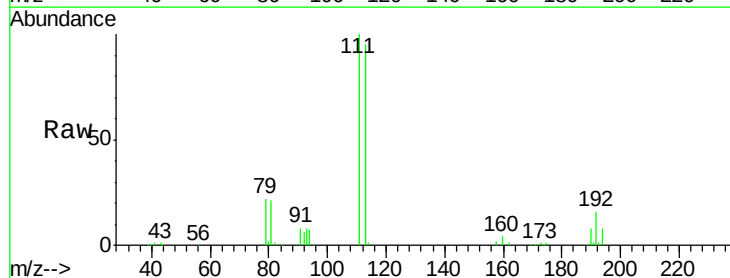


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

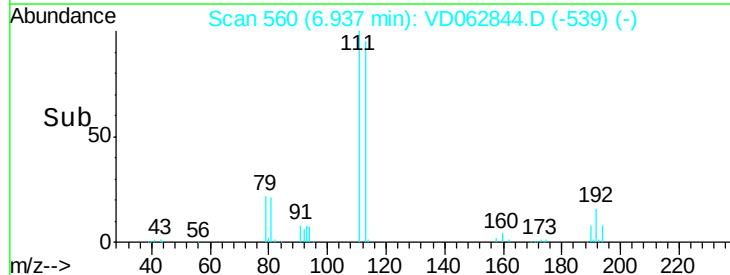
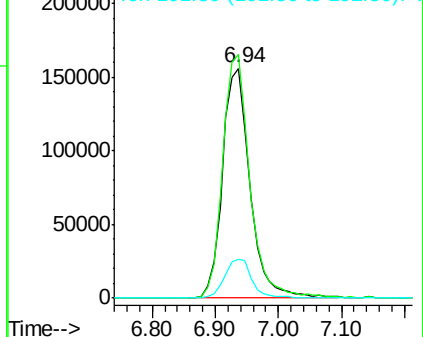


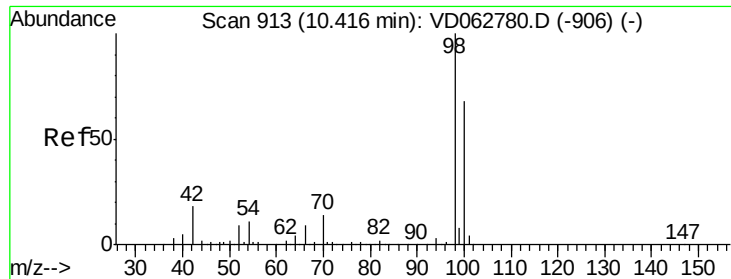
#35
 Dibromofluoromethane
 Concen: 56.250 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062844.D
 Acq: 24 Jun 2019 16:59

Tgt Ion:113 Resp: 473855
 Ion Ratio Lower Upper
 113 100
 111 105.8 81.2 121.8
 192 16.8 12.9 19.3



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: 50.954 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

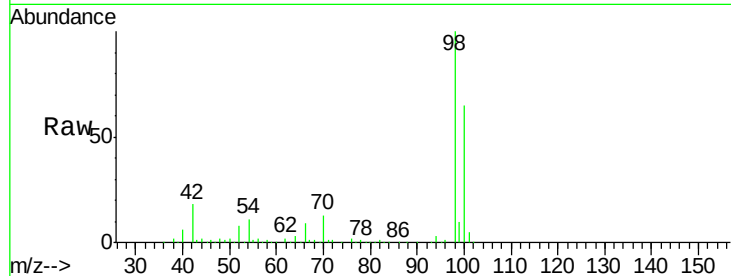
B-6(11-12)

Tot Ion: 98 Resp: 934228

Ion Ratio Lower Upper

98 100

100 65.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.41

400000

300000

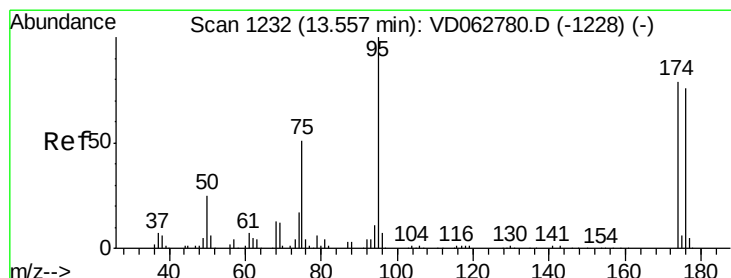
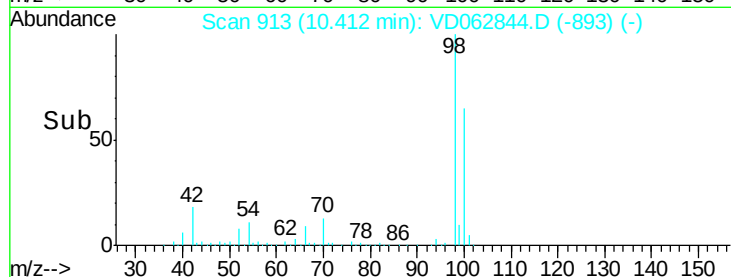
200000

100000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 49.085 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

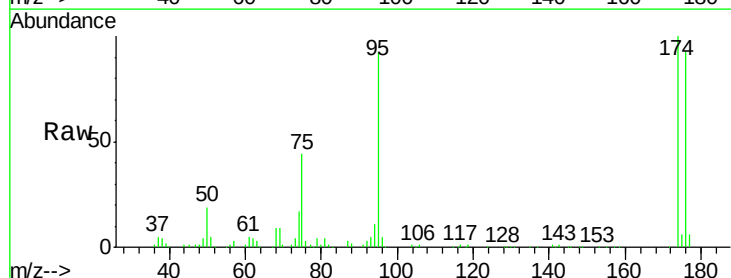
Tgt Ion: 95 Resp: 409219

Ion Ratio Lower Upper

95 100

174 109.3 0.0 158.0

176 102.0 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

400000

300000

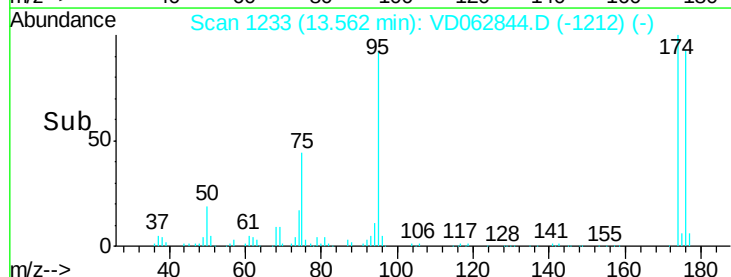
200000

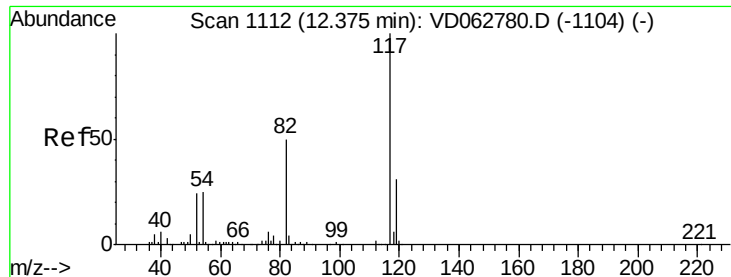
100000

0

13.50 13.56 13.60

Time-->

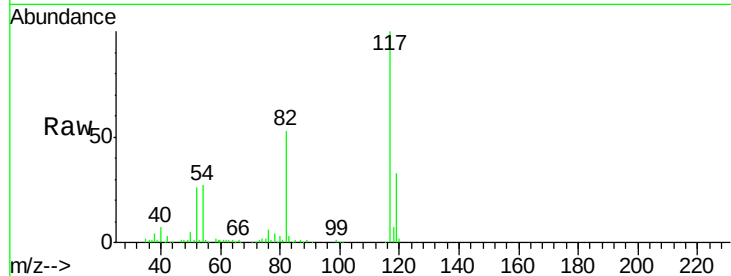




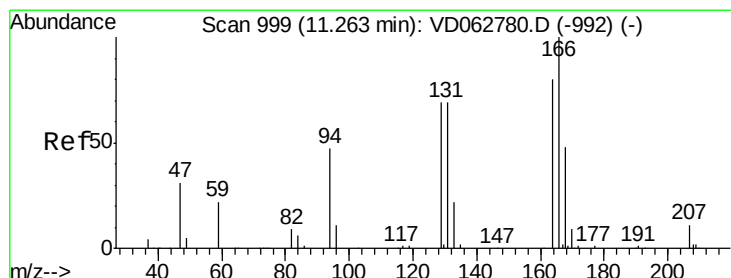
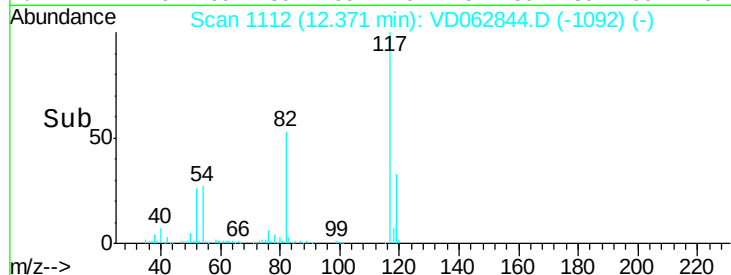
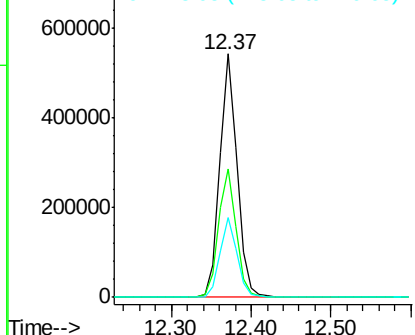
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

Instrument :
MSVOA_D
ClientSampleId :
B-6(11-12)

Tot Ion:117 Resp: 836828
Ion Ratio Lower Upper
117 100
82 52.9 40.4 60.6
119 32.7 25.2 37.8



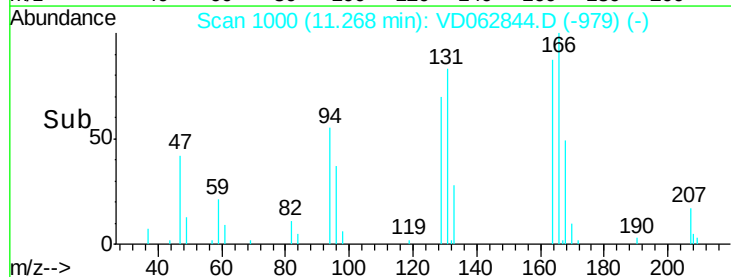
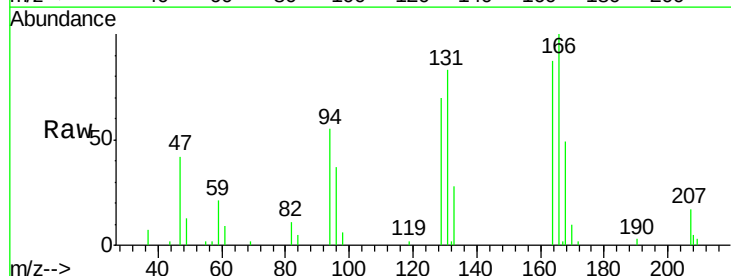
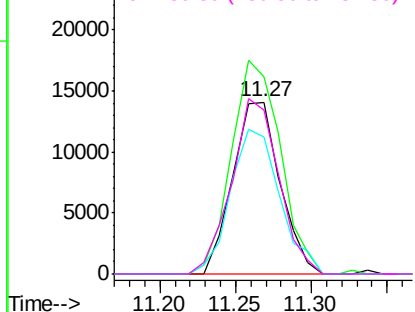
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

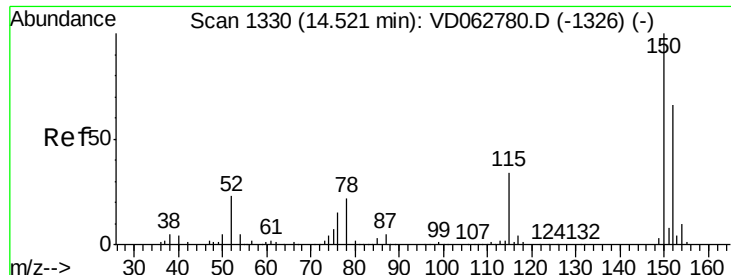


#64
Tetrachloroethene
Concen: 4.447 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VD062844.D
Acq: 24 Jun 2019 16:59

Tgt Ion:164 Resp: 30631
Ion Ratio Lower Upper
164 100
166 114.5 100.6 150.8
129 80.0 69.4 104.0
131 95.2 69.3 103.9

Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062844.D

Acq: 24 Jun 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

B-6(11-12)

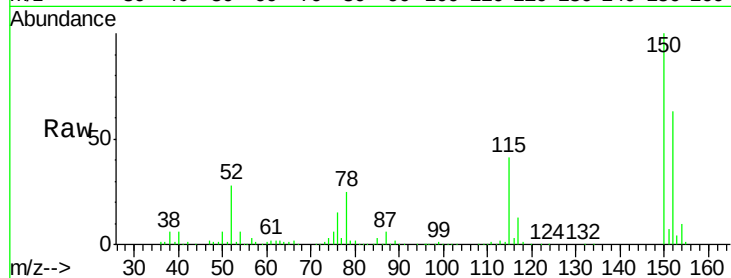
Tot Ion:152 Resp: 431962

Ion Ratio Lower Upper

152 100

115 66.2 29.2 87.6

150 160.0 0.0 305.8



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

