

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062843.D
 Acq On : 24 Jun 2019 16:31
 Operator : VA/AP
 Sample : K3499-05
 Misc : 5.43g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(10-11)

Quant Time: Jun 25 05:39:09 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

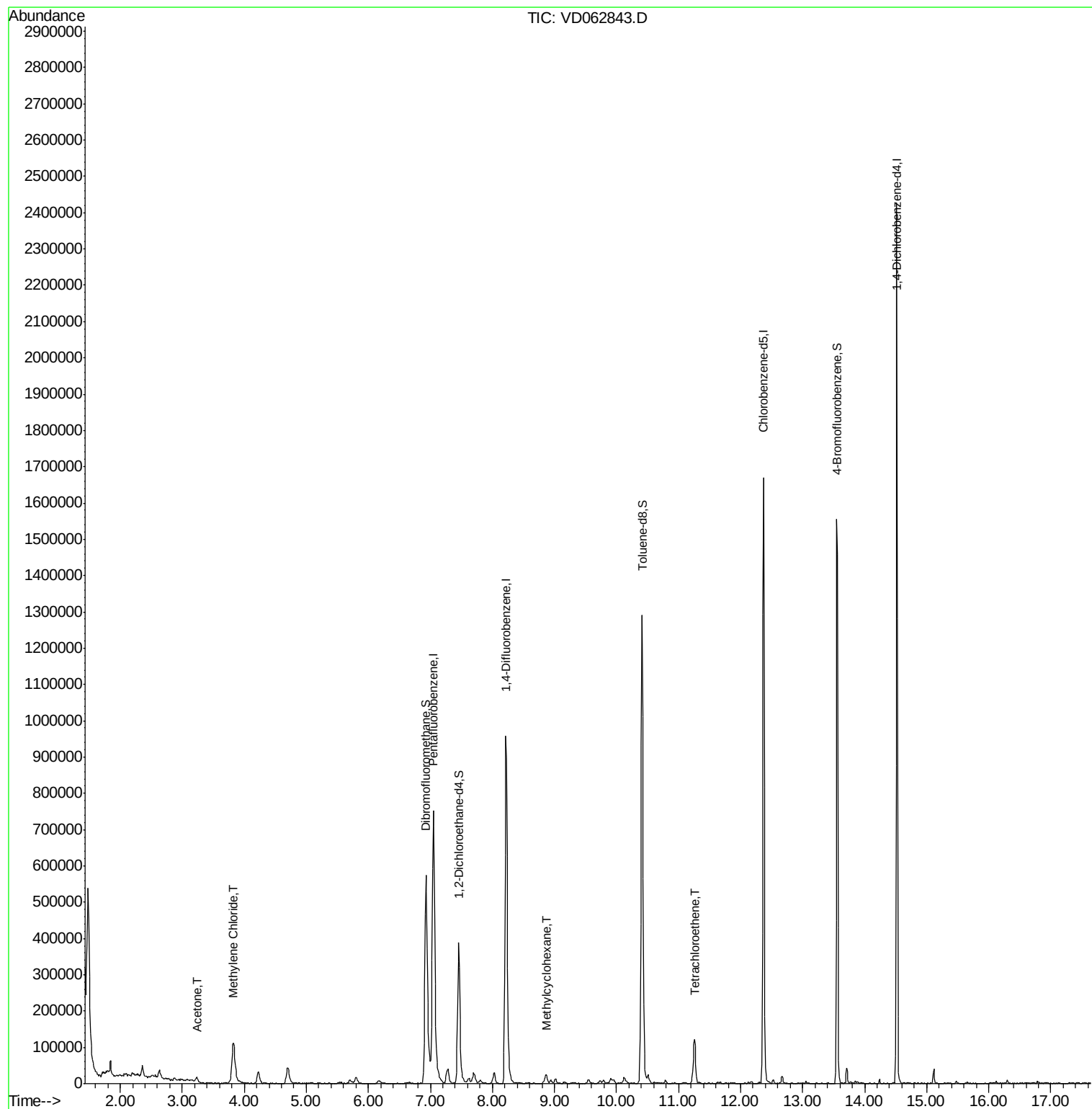
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	735298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1016063	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	850467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	487059	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	456461	57.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.22%	
35) Dibromofluoromethane	6.93	113	500265	58.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.78%	
50) Toluene-d8	10.41	98	1000672	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	13.55	95	464068	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
Target Compounds						
16) Acetone	3.23	43	30337	12.059	ug/l #	92
20) Methylene Chloride	3.83	84	53261	8.738	ug/l	97
39) Methylcyclohexane	8.88	83	11951	1.412	ug/l #	89
64) Tetrachloroethene	11.26	164	33917	4.846	ug/l #	89

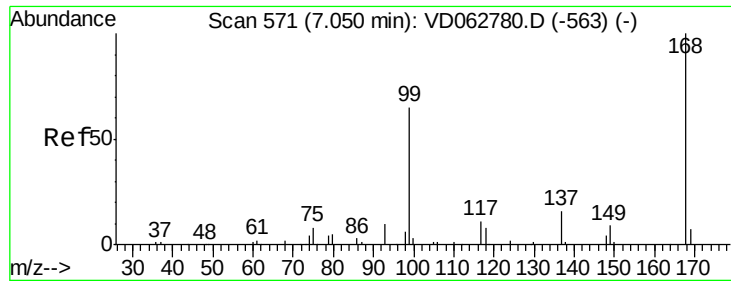
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
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# 571

Delta R.T. -0.00 min

Lab File: VD062843.D

Acq: 24 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

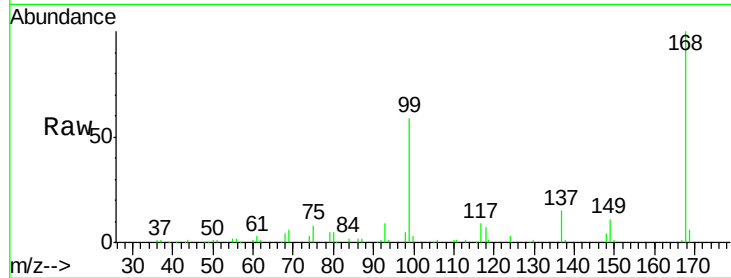
B-5(10-11)

Tot Ion:168 Resp: 735298

Ion Ratio Lower Upper

168 100

99 59.1 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

250000

200000

150000

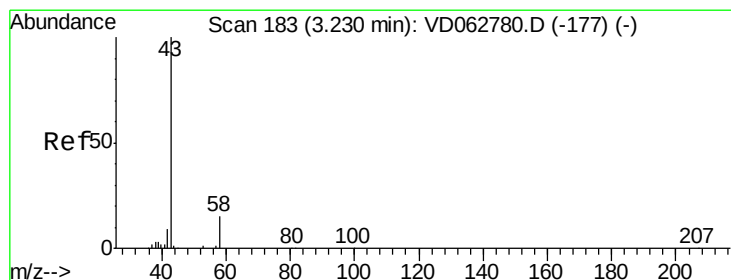
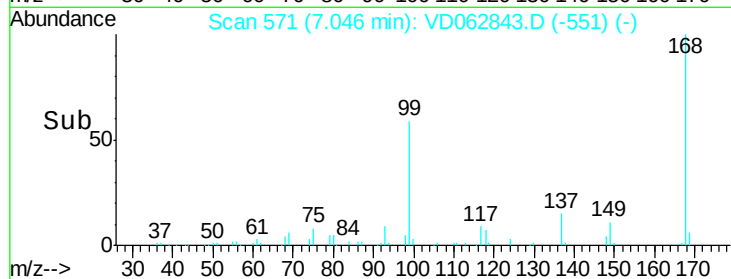
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 12.059 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062843.D

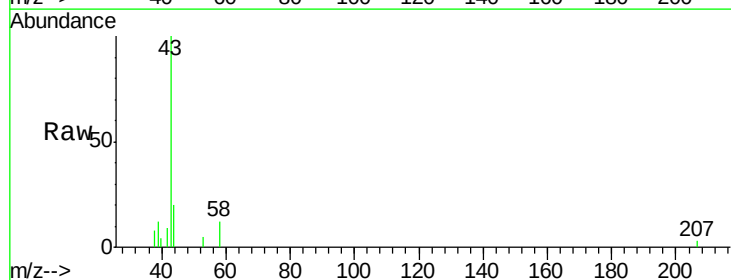
Acq: 24 Jun 2019 16:31

Tgt Ion: 43 Resp: 30337

Ion Ratio Lower Upper

43 100

58 11.7 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

12000

10000

8000

6000

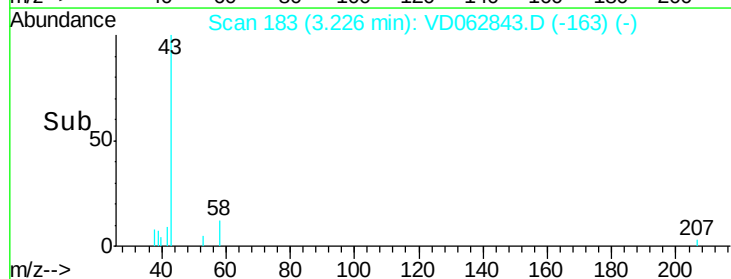
4000

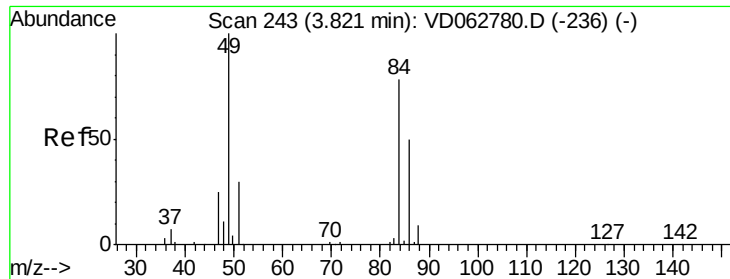
2000

0

3.10 3.20 3.30

Time-->

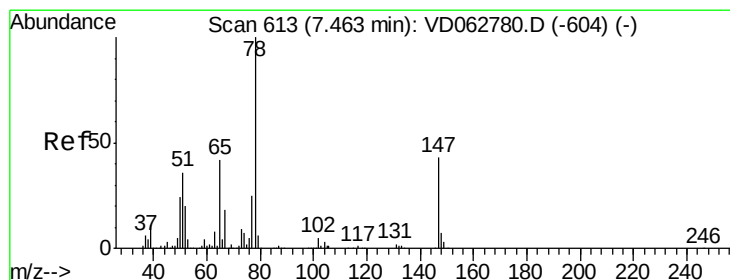
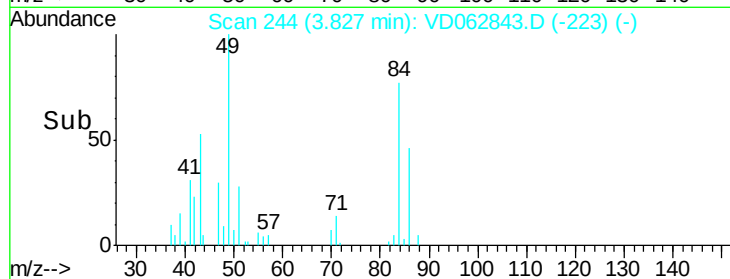
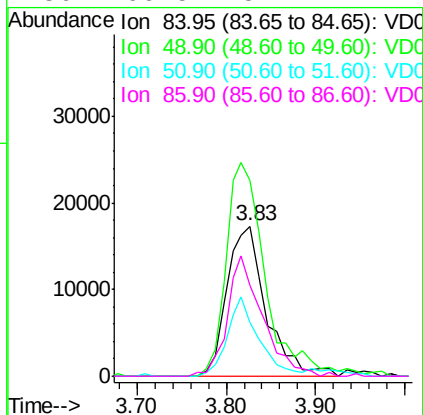
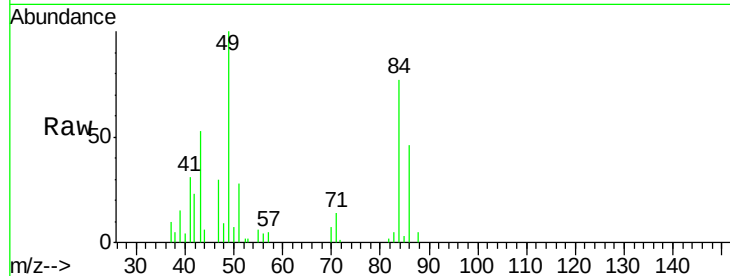




#20
Methylene Chloride
Concen: 8.738 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD062843.D
Acq: 24 Jun 2019 16:31

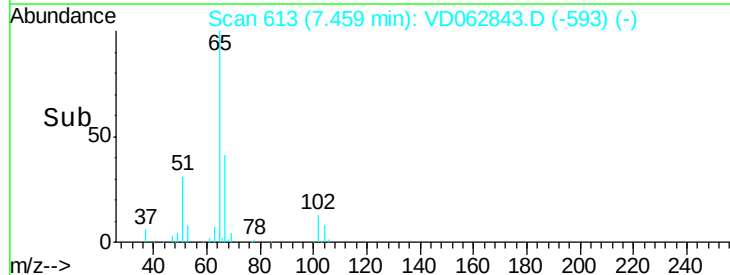
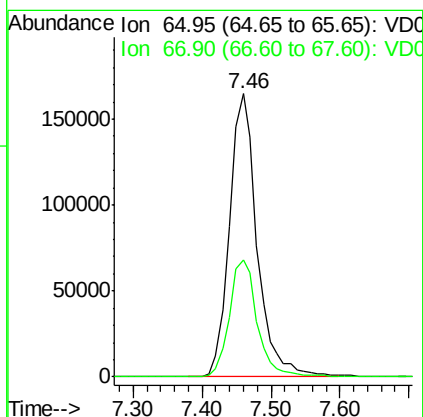
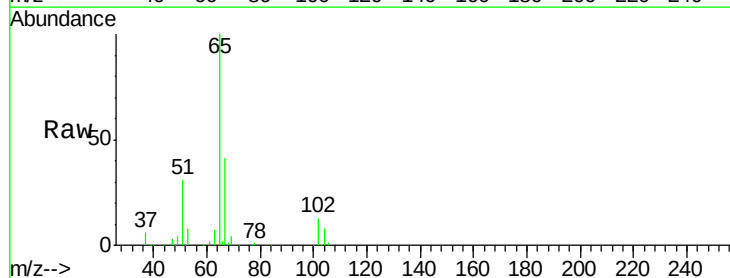
Instrument :
MSVOA_D
ClientSampleId :
B-5(10-11)

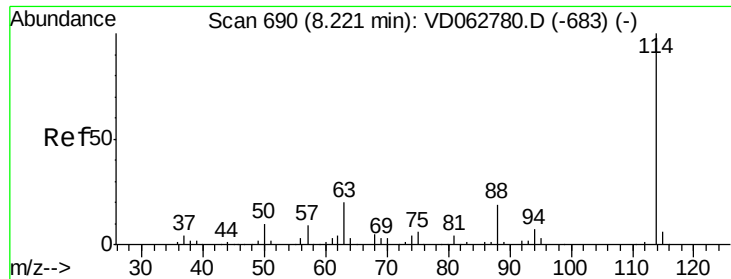
Tot Ion: 84 Resp: 53261
Ion Ratio Lower Upper
84 100
49 130.4 102.9 154.3
51 36.1 31.2 46.8
86 60.5 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 57.111 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062843.D
Acq: 24 Jun 2019 16:31

Tgt Ion: 65 Resp: 456461
Ion Ratio Lower Upper
65 100
67 41.3 0.0 87.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062843.D

Acq: 24 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

B-5(10-11)

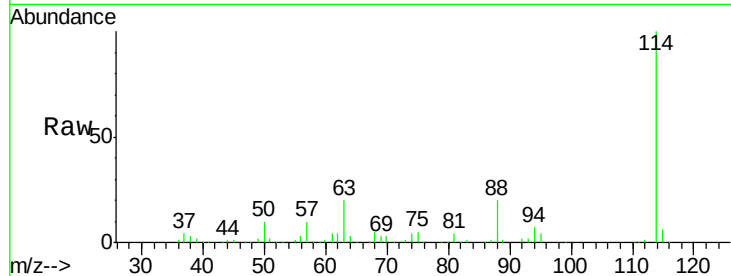
Tot Ion:114 Resp: 1016063

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

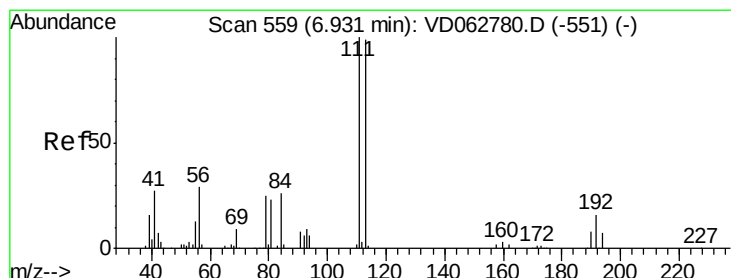
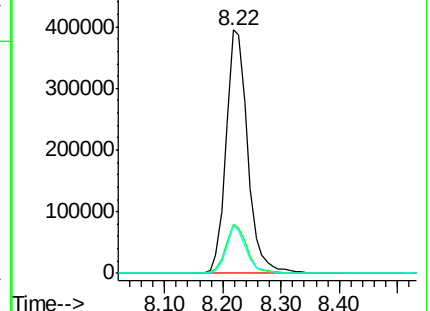
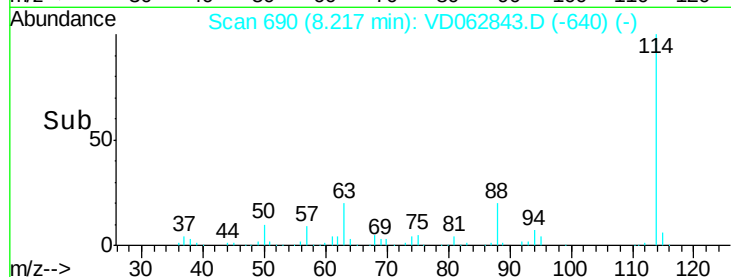
88 19.7 0.0 38.8



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: 58.392 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062843.D

Acq: 24 Jun 2019 16:31

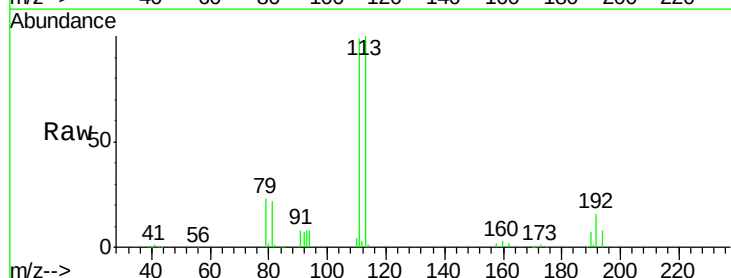
Tgt Ion:113 Resp: 500265

Ion Ratio Lower Upper

113 100

111 99.1 81.2 121.8

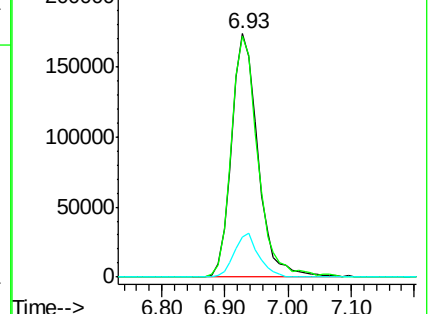
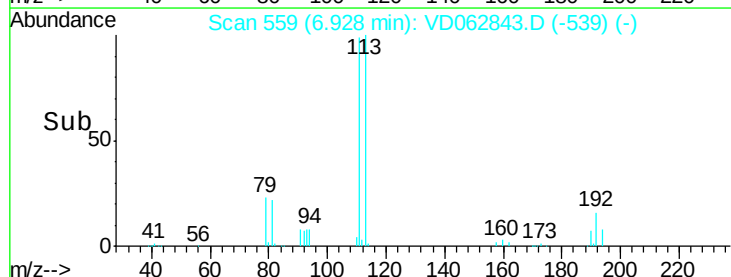
192 16.4 12.9 19.3

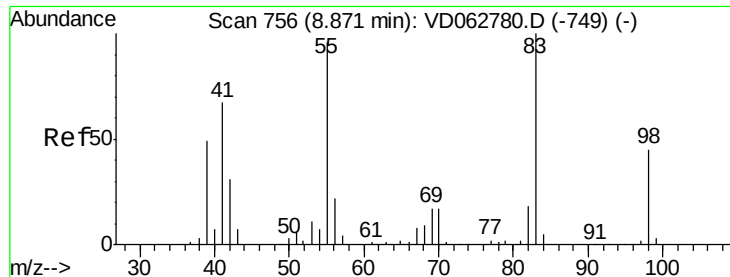


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

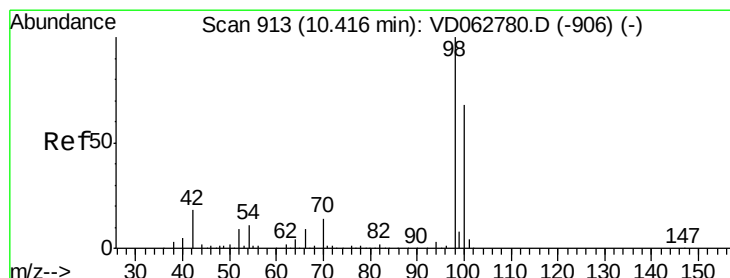
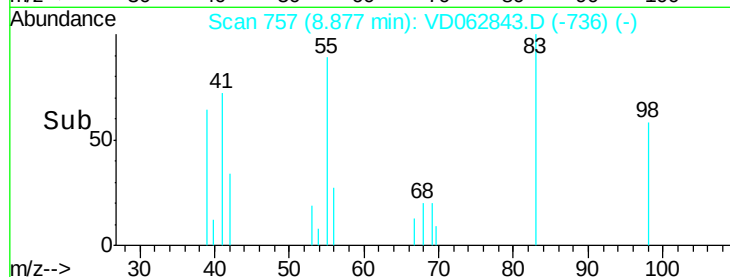
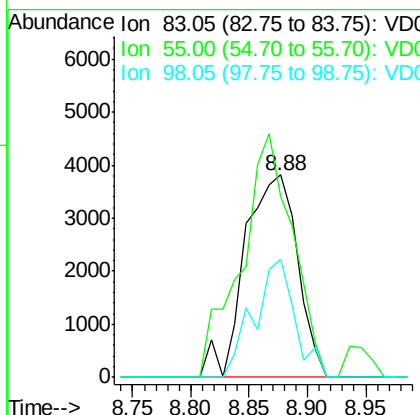
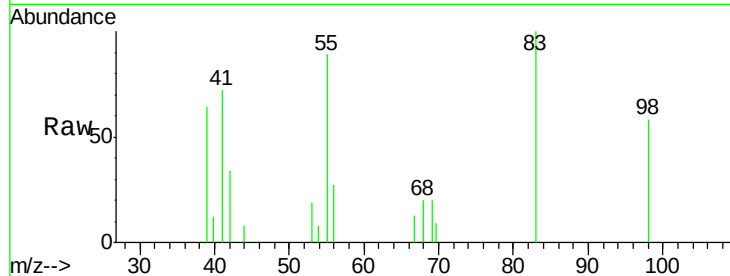




#39
Methylvlcyclohexane
Concen: 1.412 ug/l
RT: 8.88 min Scan# 757
Delta R.T. 0.01 min
Lab File: VD062843.D
Acq: 24 Jun 2019 16:31

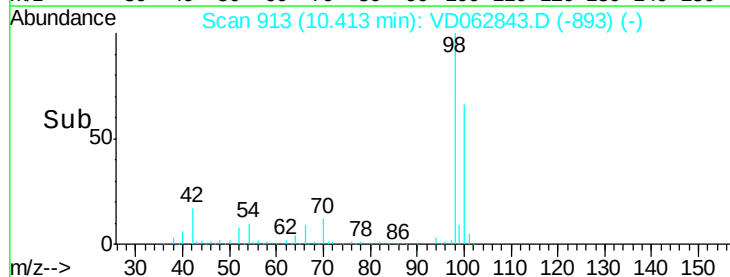
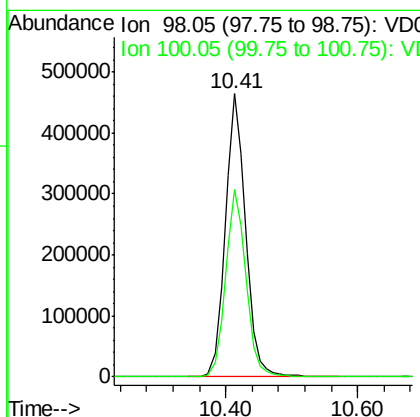
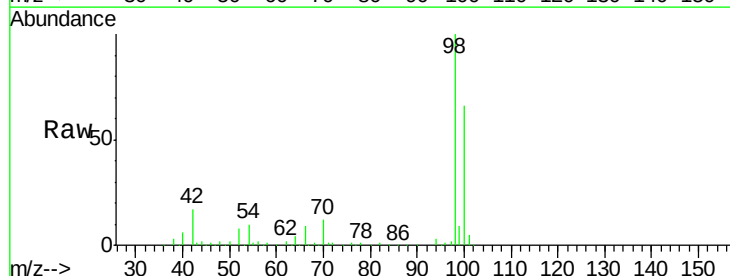
Instrument :
MSVOA_D
ClientSampleId :
B-5(10-11)

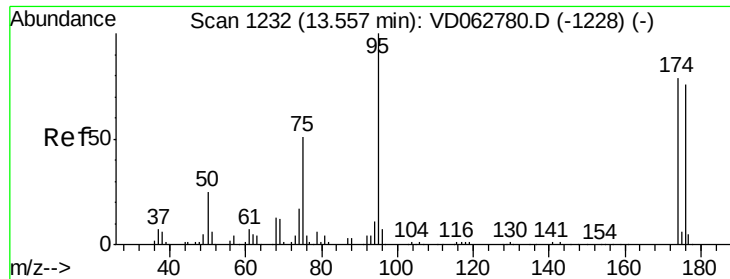
Tot Ion: 83 Resp: 11951
Ion Ratio Lower Upper
83 100
55 89.4 76.6 115.0
98 58.5 35.7 53.5#



#50
Toluene-d8
Concen: 53.665 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062843.D
Acq: 24 Jun 2019 16:31

Tgt Ion: 98 Resp: 1000672
Ion Ratio Lower Upper
98 100
100 66.2 54.7 82.1

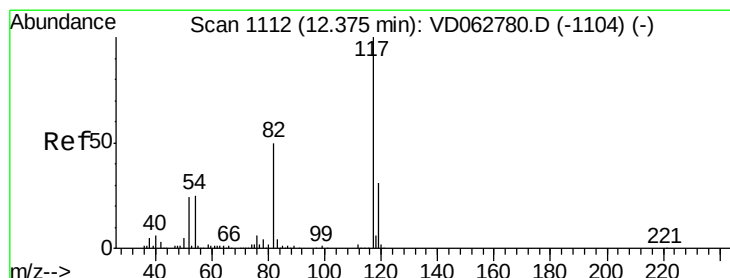
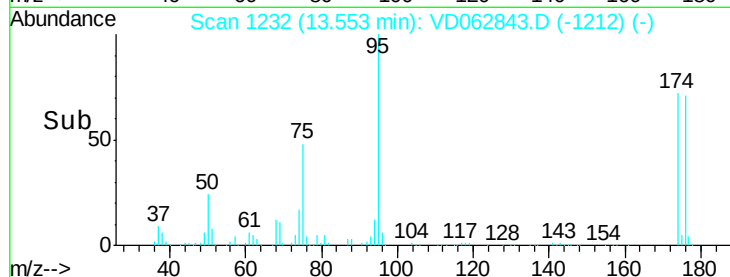
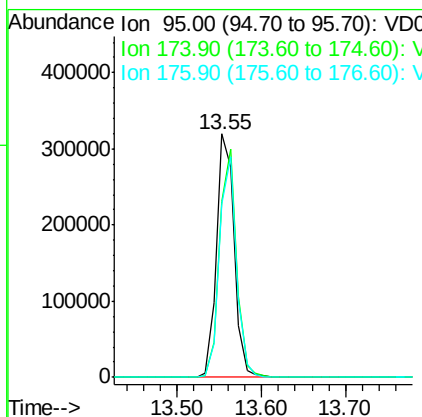
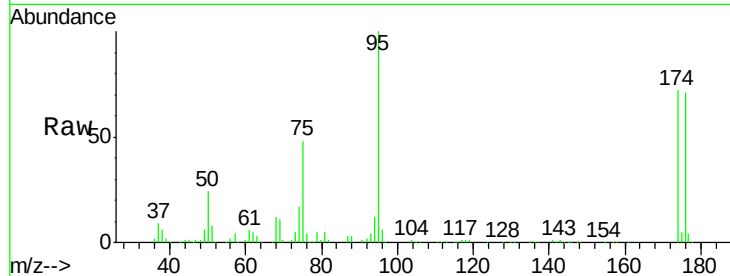




#62
4-Bromofluorobenzene
Concen: 54.733 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062843.D
Acq: 24 Jun 2019 16:31

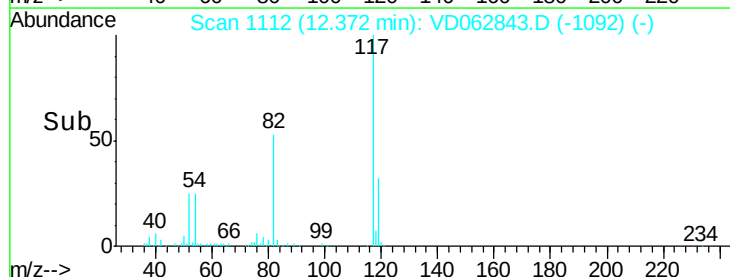
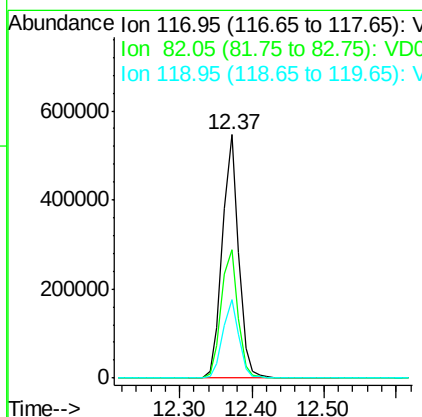
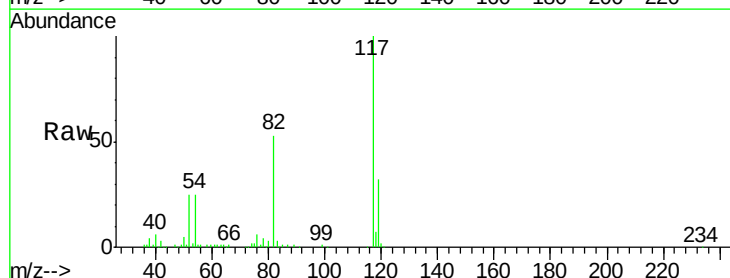
Instrument :
MSVOA_D
ClientSampleId :
B-5(10-11)

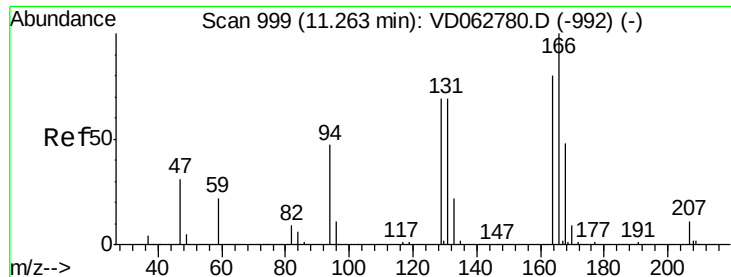
Tot Ion: 95 Resp: 464068
Ion Ratio Lower Upper
95 100
174 72.0 0.0 158.0
176 71.1 0.0 151.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062843.D
Acq: 24 Jun 2019 16:31

Tgt Ion: 117 Resp: 850467
Ion Ratio Lower Upper
117 100
82 52.9 40.4 60.6
119 32.3 25.2 37.8





#64

Tetrachloroethene

Concen: 4.846 ug/l

RT: 11.26 min Scan# 999

Delta R.T. -0.00 min

Lab File: VD062843.D

Acq: 24 Jun 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

B-5(10-11)

Tot Ion:164 Resp: 33917

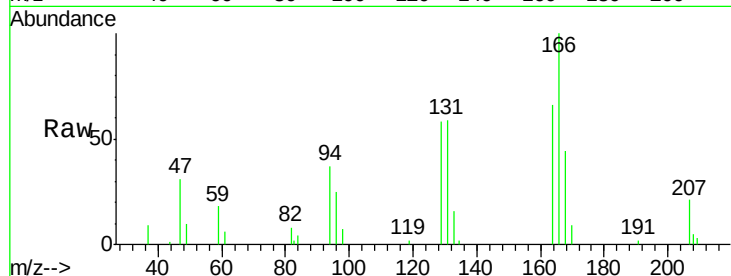
Ion Ratio Lower Upper

164 100

166 151.4 100.6 150.8#

129 88.4 69.4 104.0

131 88.8 69.3 103.9

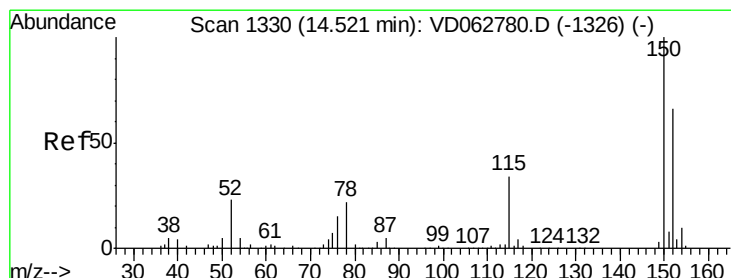
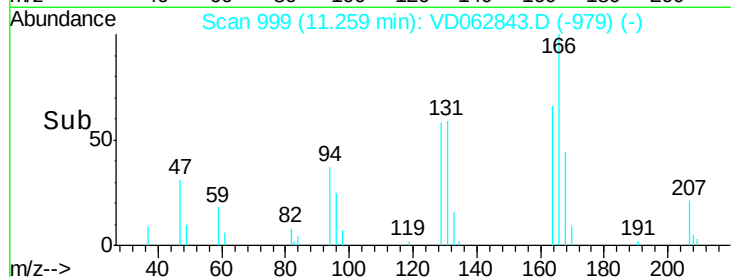
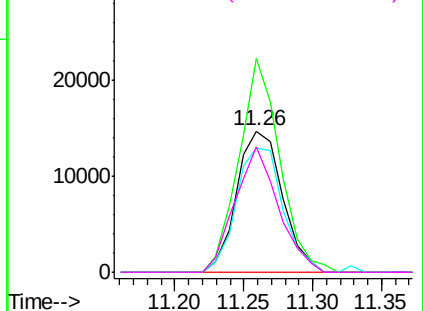


Abundance Ion 163.85 (163.55 to 164.55): V

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: VD062843.D

Acq: 24 Jun 2019 16:31

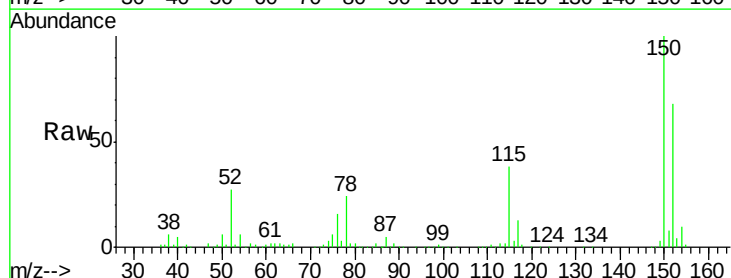
Tgt Ion:152 Resp: 487059

Ion Ratio Lower Upper

152 100

115 56.4 29.2 87.6

150 147.9 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

