

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062885.D
 Acq On : 25 Jun 2019 17:58
 Operator : VA/AP
 Sample : K3499-02
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(11-12)

Quant Time: Jun 26 06:50:51 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

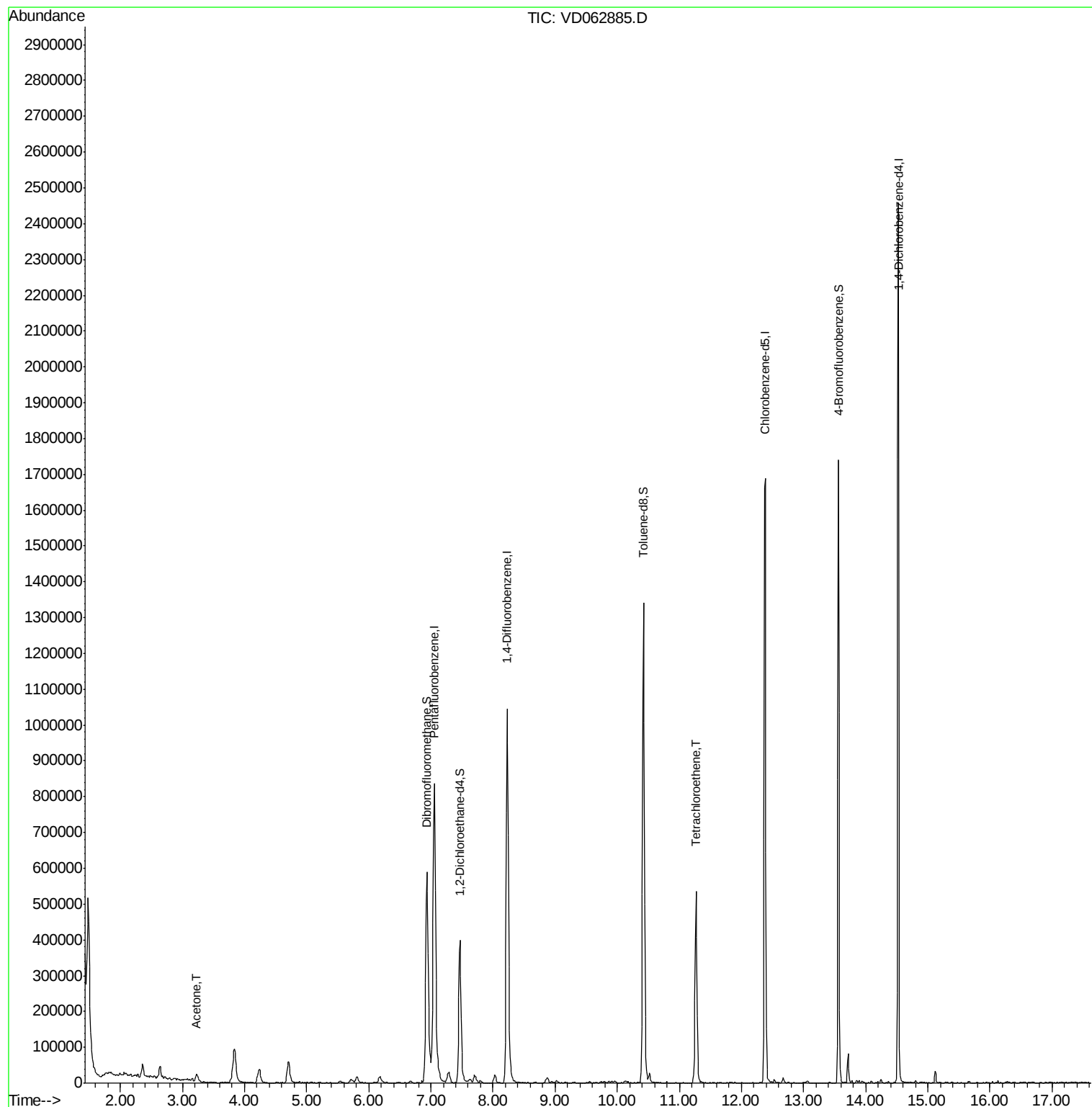
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	830859	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1148775	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	941743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	518814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	463031	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	6.94	113	518823	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
50) Toluene-d8	10.42	98	1052083	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	13.56	95	462797	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
16) Acetone	3.23	43	57240	24.956	ug/l #	85
64) Tetrachloroethene	11.27	164	147507	19.031	ug/l	97

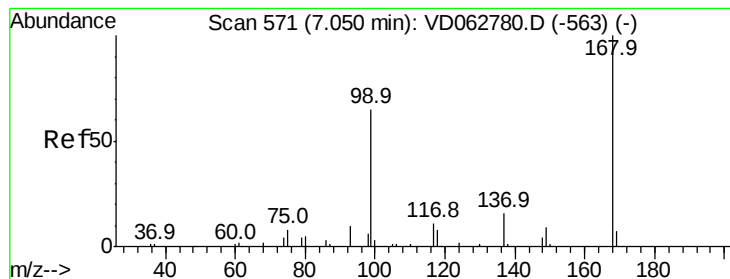
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062885.D

Acq: 25 Jun 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

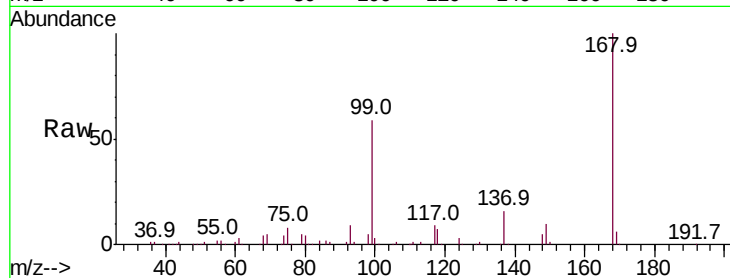
B-2(11-12)

Tot Ion:168 Resp: 830859

Ion Ratio Lower Upper

168 100

99 59.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

250000

200000

150000

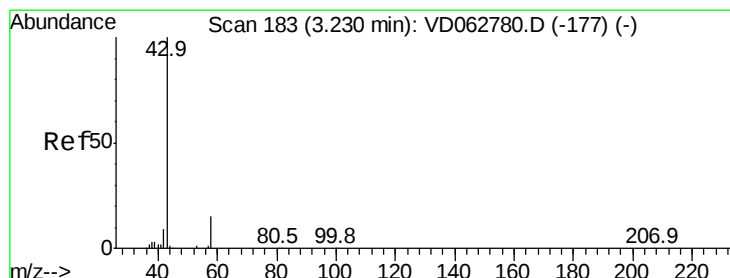
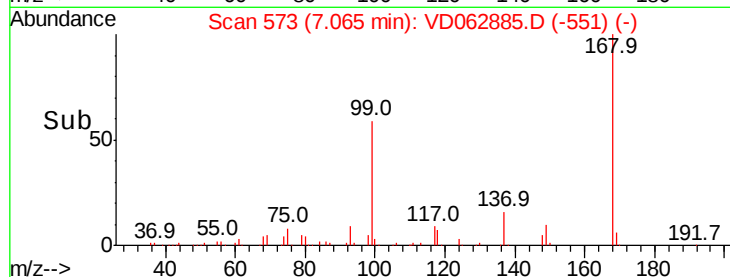
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 24.956 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062885.D

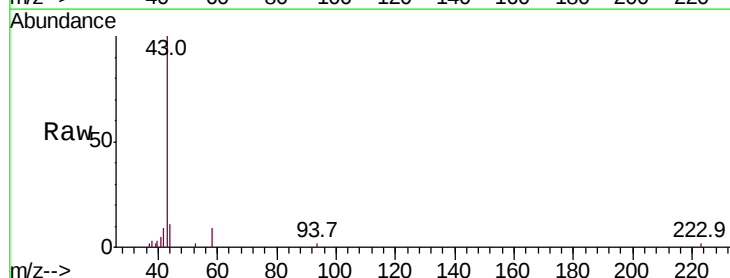
Acq: 25 Jun 2019 17:58

Tgt Ion: 43 Resp: 57240

Ion Ratio Lower Upper

43 100

58 8.5 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

20000

15000

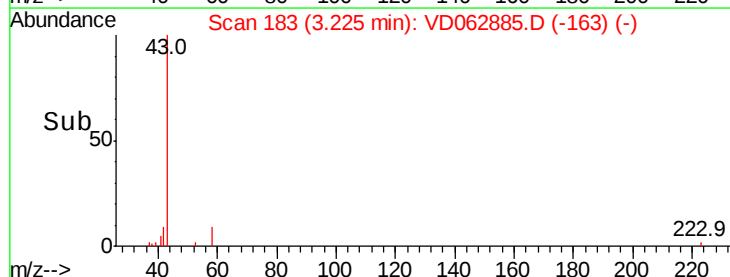
10000

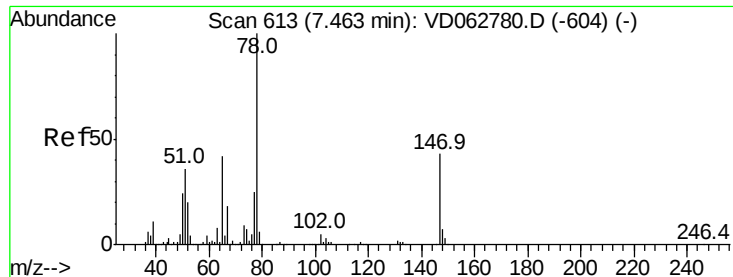
5000

0

Time-->

3.10 3.20 3.30

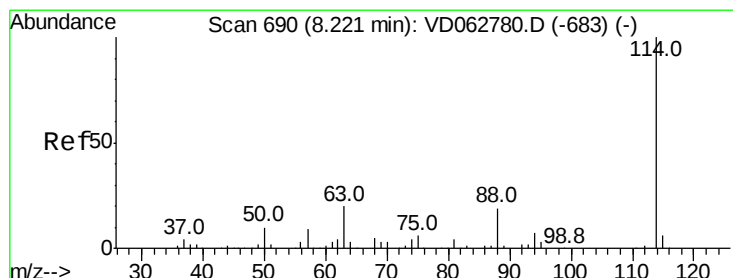
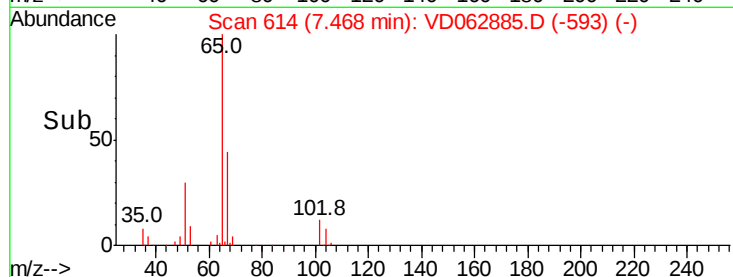
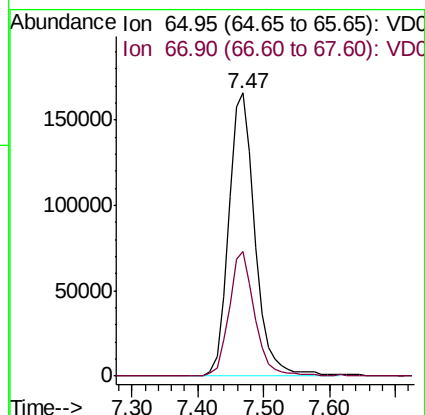
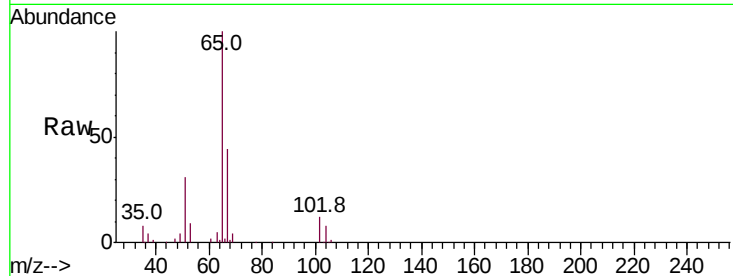




#33
 1,2-Dichloroethane-d4
 Concen: 51.269 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062885.D
 Acq: 25 Jun 2019 17:58

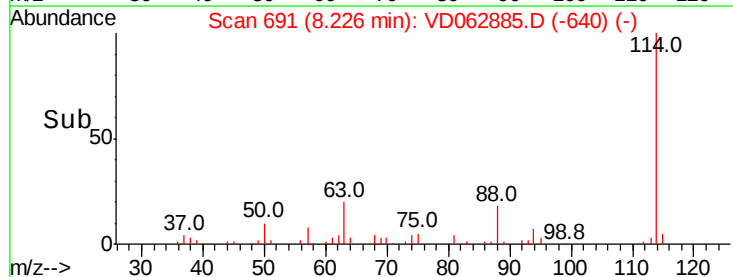
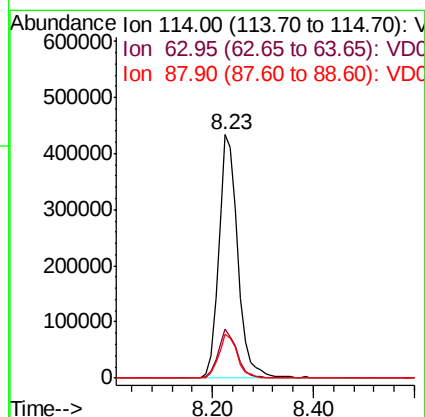
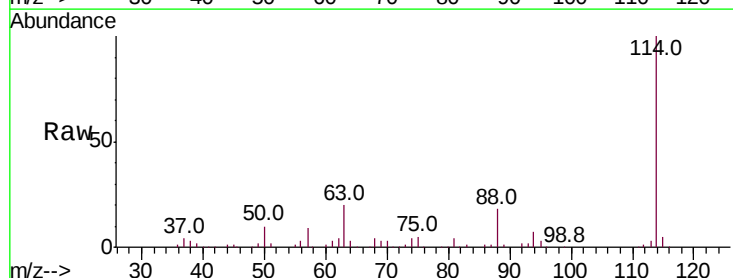
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(11-12)

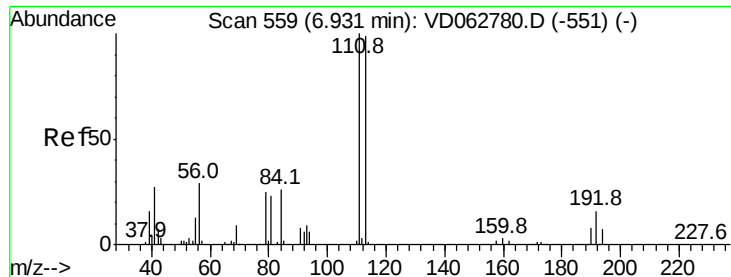
Tot Ion: 65 Resp: 463031
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062885.D
 Acq: 25 Jun 2019 17:58

Tgt Ion: 114 Resp: 1148775
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 17.8 0.0 38.8





#35

Dibromofluoromethane

Concen: 53.562 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062885.D

Acq: 25 Jun 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

B-2(11-12)

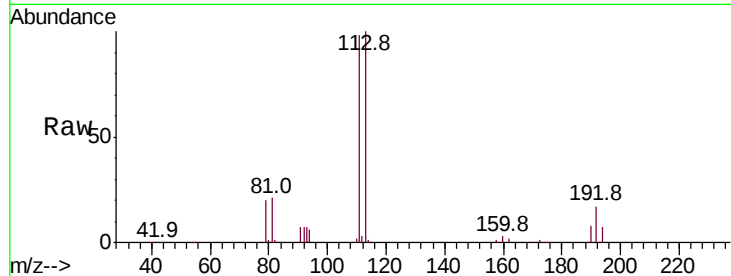
Tot Ion:113 Resp: 518823

Ion Ratio Lower Upper

113 100

111 97.7 81.2 121.8

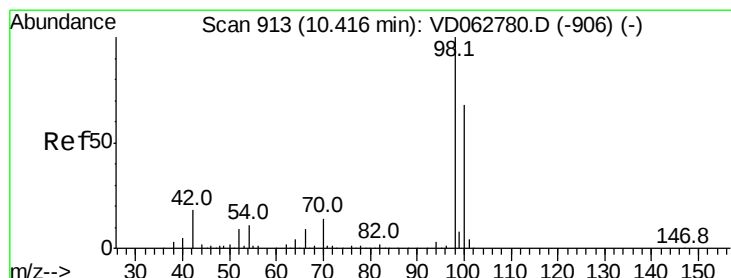
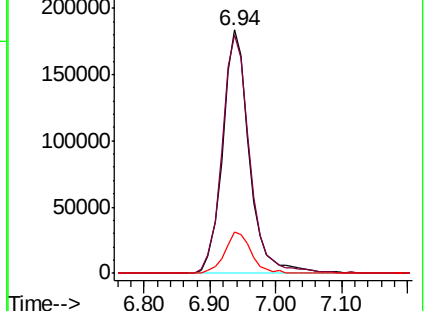
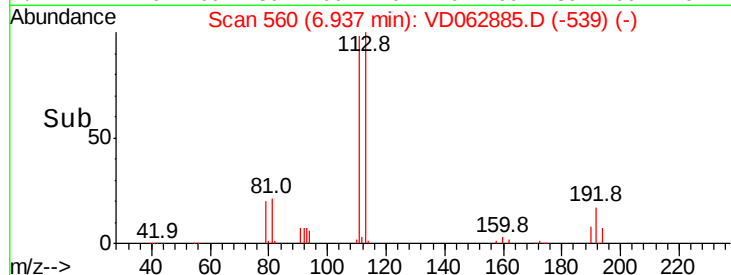
192 16.9 12.9 19.3



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: 49.904 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062885.D

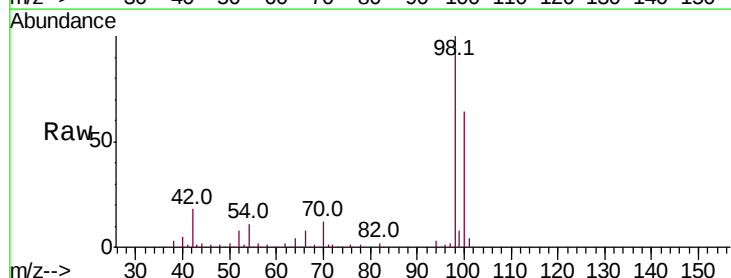
Acq: 25 Jun 2019 17:58

Tgt Ion: 98 Resp: 1052083

Ion Ratio Lower Upper

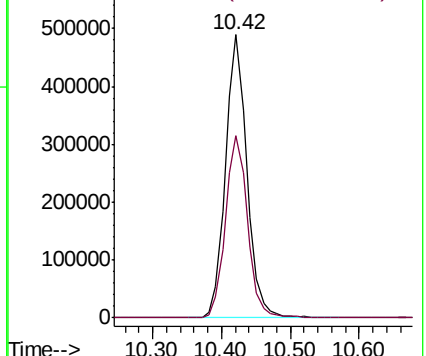
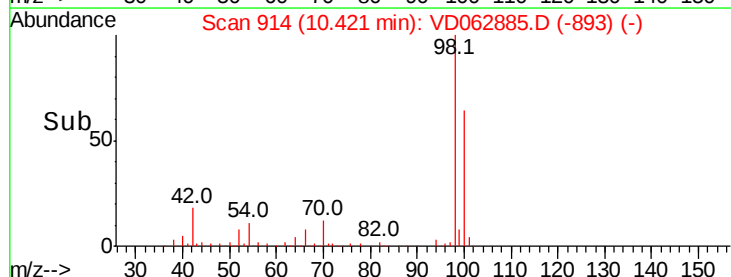
98 100

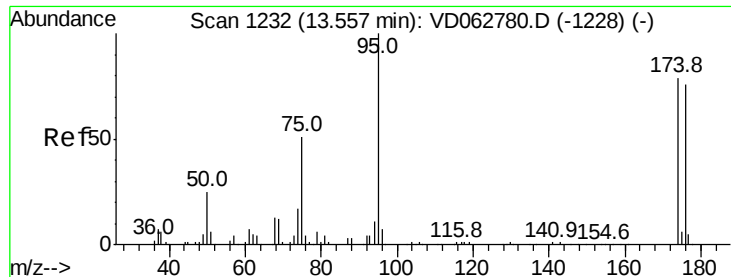
100 64.4 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 48.277 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062885.D

Acq: 25 Jun 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

B-2(11-12)

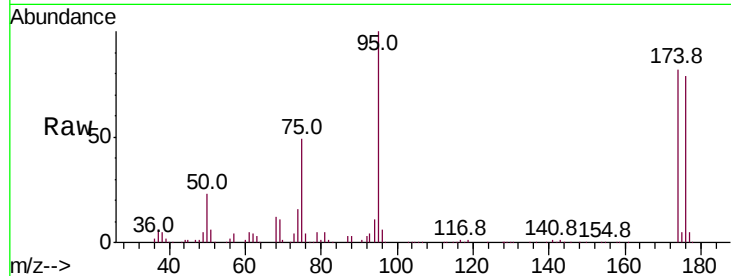
Tot Ion: 95 Resp: 462797

Ion Ratio Lower Upper

95 100

174 82.4 0.0 158.0

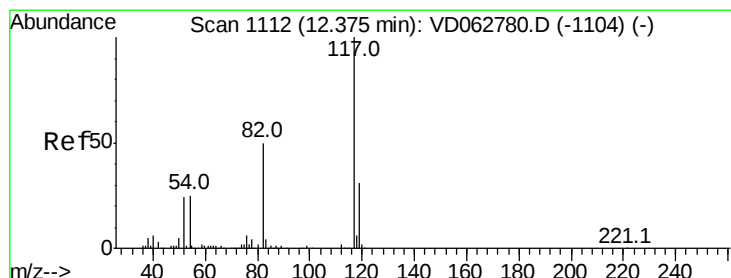
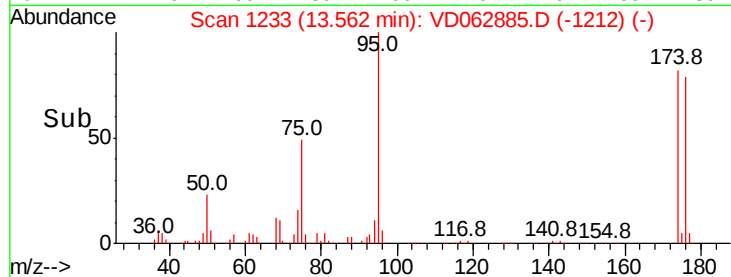
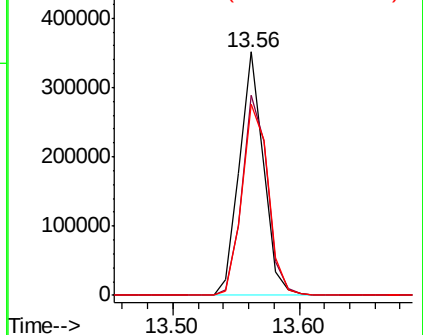
176 78.6 0.0 151.6



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. 0.01 min

Lab File: VD062885.D

Acq: 25 Jun 2019 17:58

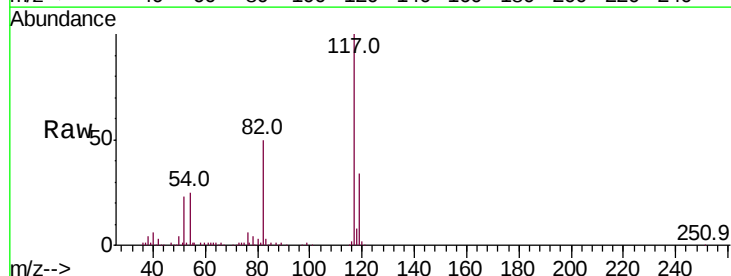
Tgt Ion: 117 Resp: 941743

Ion Ratio Lower Upper

117 100

82 50.4 40.4 60.6

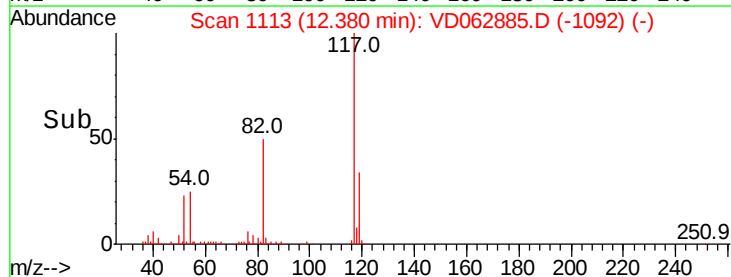
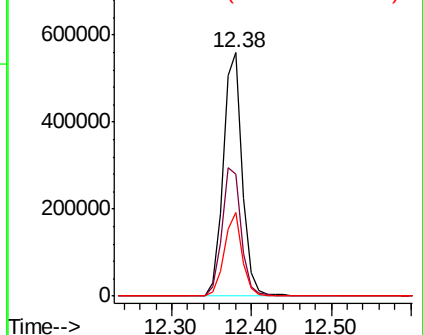
119 34.4 25.2 37.8

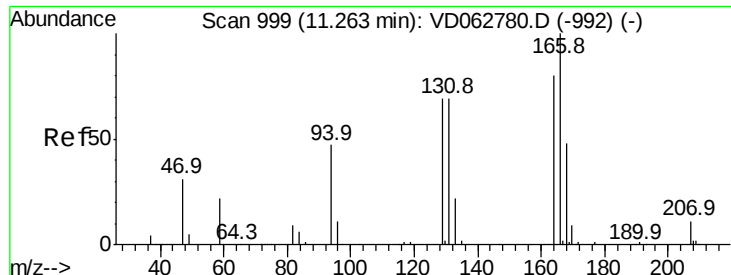


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

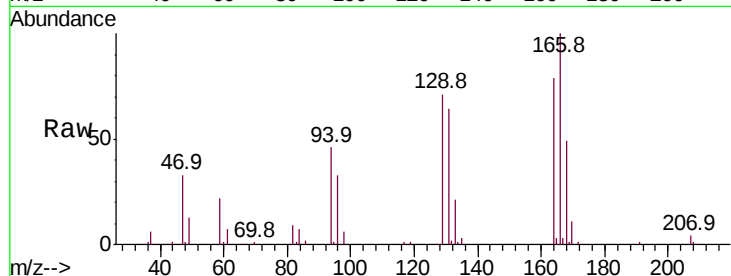




#64
Tetrachloroethene
Concen: 19.031 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VD062885.D
Acq: 25 Jun 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
B-2(11-12)

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.3	100.6	150.8
129	90.2	69.4	104.0
131	81.4	69.3	103.9



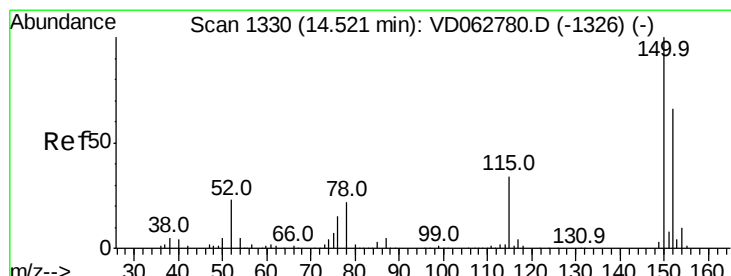
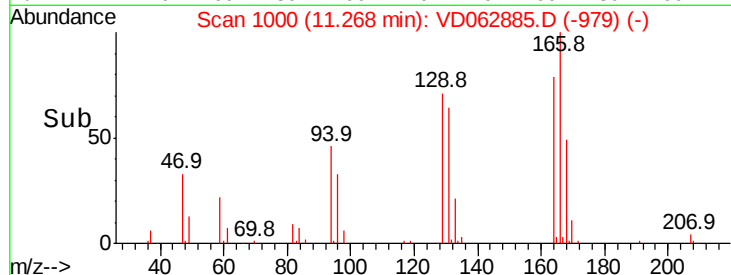
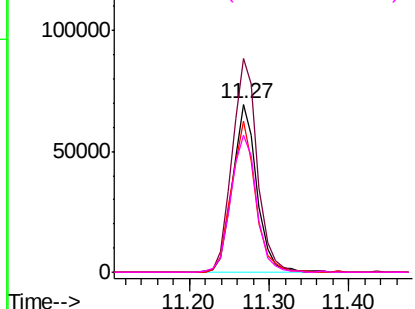
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

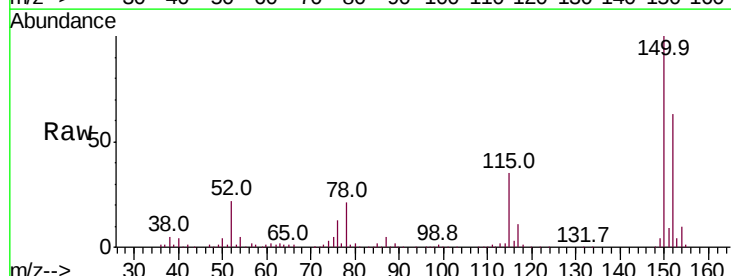
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062885.D
Acq: 25 Jun 2019 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	29.2	87.6
150	159.7	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

