

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062886.D
 Acq On : 25 Jun 2019 18:25
 Operator : VA/AP
 Sample : K3510-01
 Misc : 3.48g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-062419

Quant Time: Jun 26 06:59:03 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

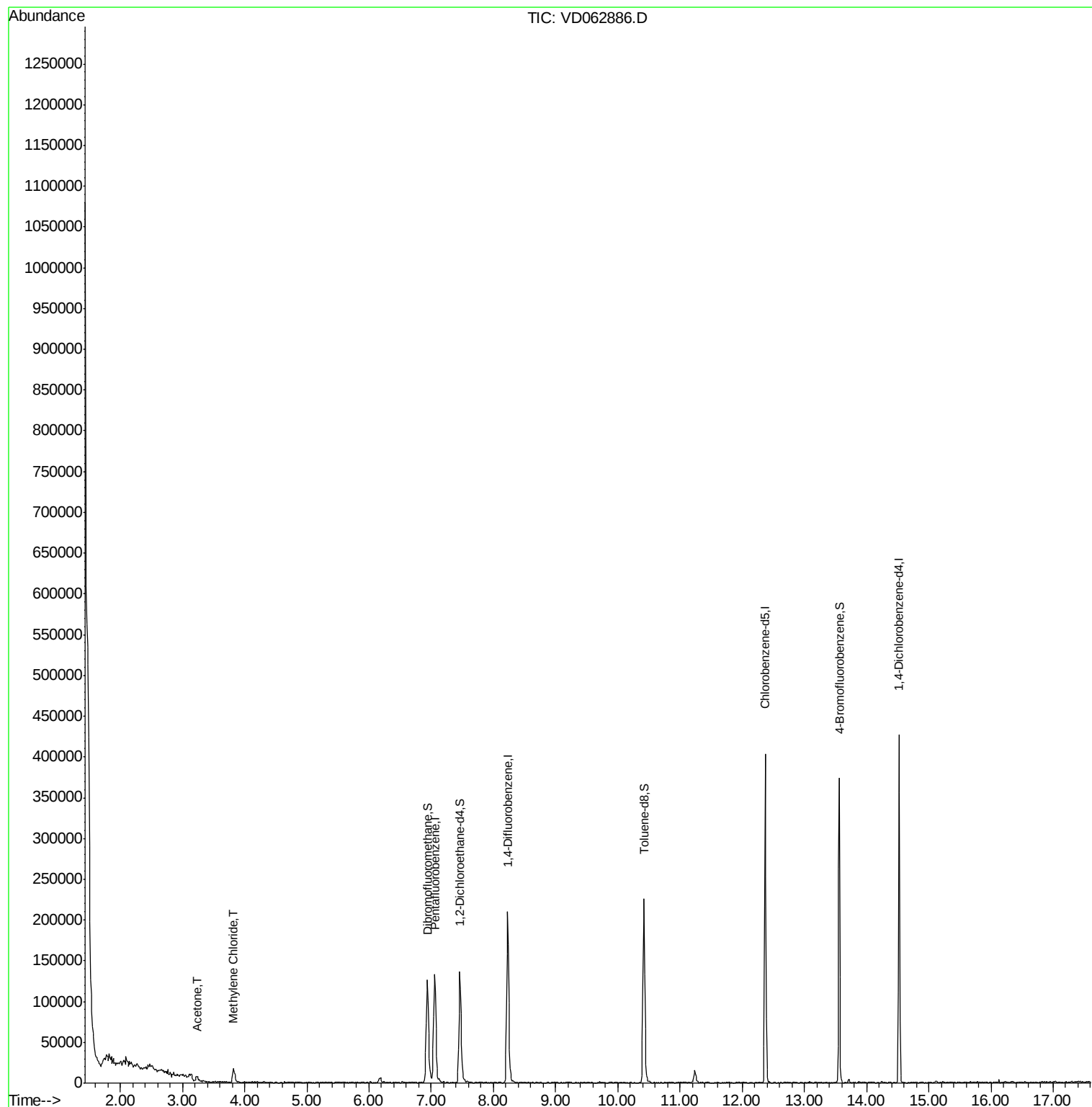
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	123977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	205333	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	193338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	94160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	148036	109.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	219.70%	
35) Dibromofluoromethane	6.93	113	106322	61.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.82%	
50) Toluene-d8	10.42	98	184228	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	13.56	95	94271	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
Target Compounds						
16) Acetone	3.23	43	13396	43.233	ug/l	99
20) Methylene Chloride	3.82	84	9444	9.189	ug/l #	91

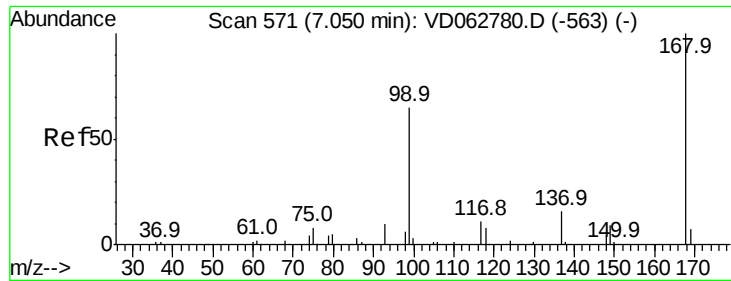
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062886.D

Acq: 25 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

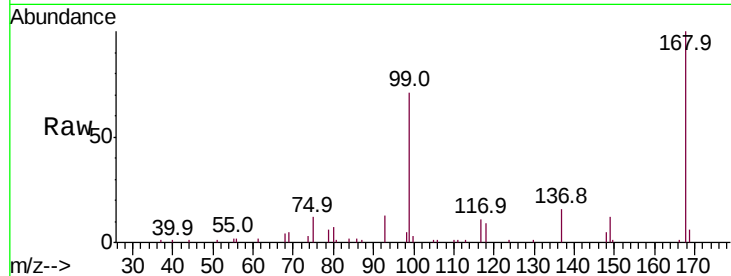
TR-04-062419

Tot Ion:168 Resp: 123977

Ion Ratio Lower Upper

168 100

99 70.6 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

40000

30000

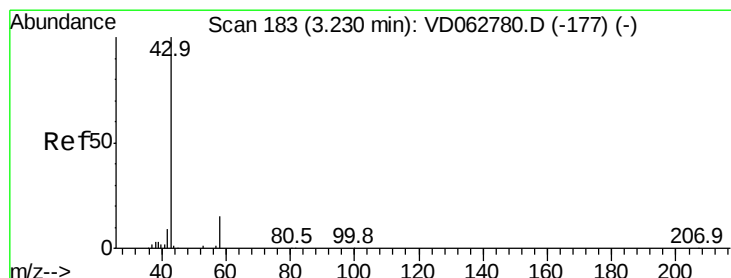
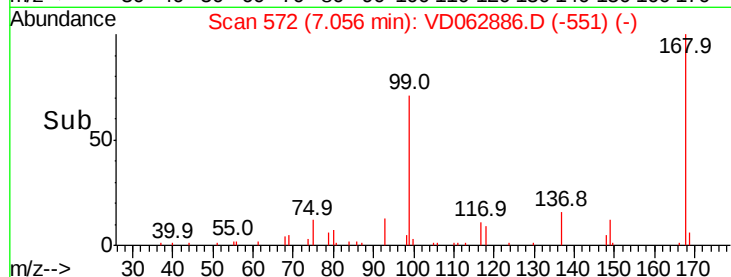
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 43.233 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062886.D

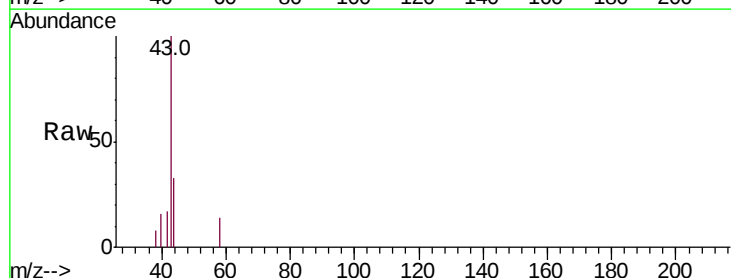
Acq: 25 Jun 2019 18:25

Tgt Ion: 43 Resp: 13396

Ion Ratio Lower Upper

43 100

58 14.4 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

4000

3000

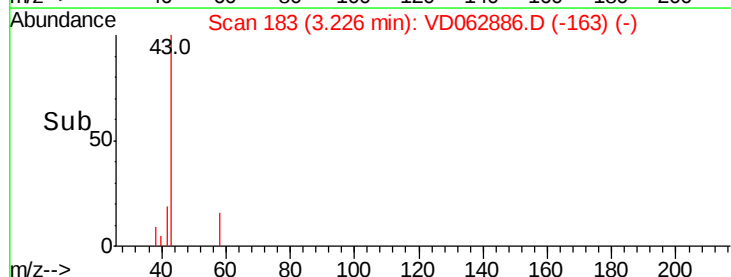
2000

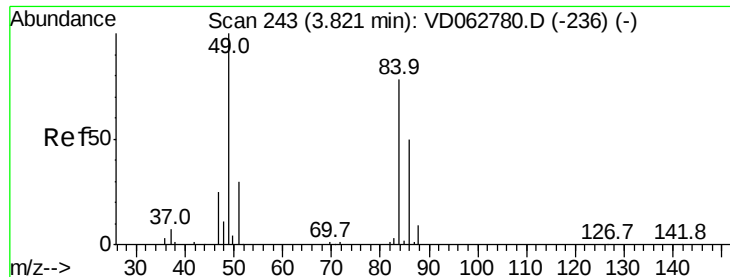
1000

0

3.15 3.20 3.25 3.30 3.35

Time-->





#20

Methylene Chloride

Concen: 9.189 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD062886.D

Acq: 25 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

TR-04-062419

Tot Ion: 84 Resp: 9444

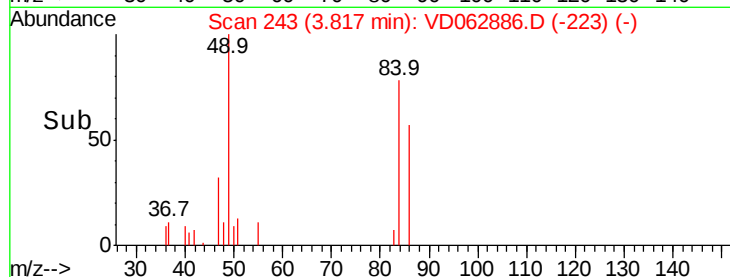
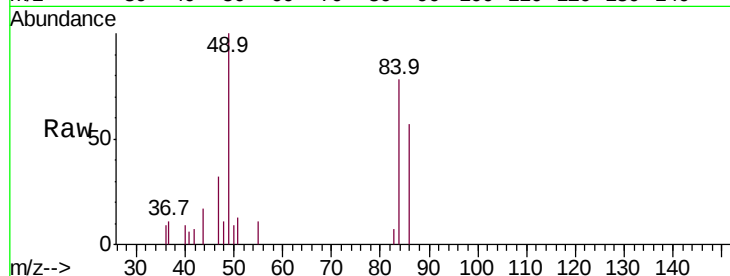
Ion Ratio Lower Upper

84 100

49 128.5 102.9 154.3

51 17.2 31.2 46.8#

86 73.5 51.4 77.2

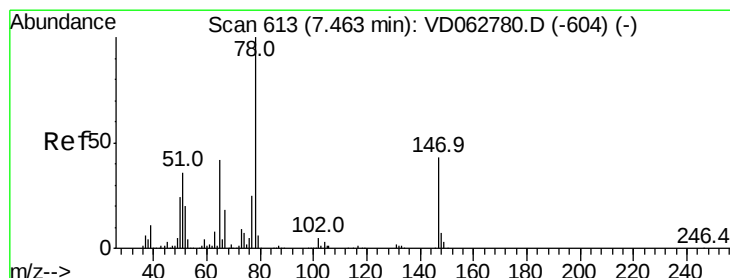
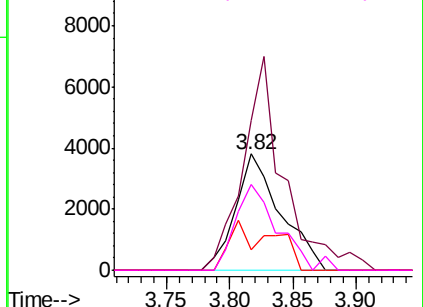


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 109.851 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062886.D

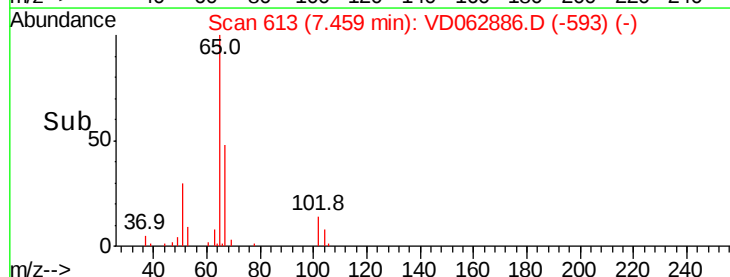
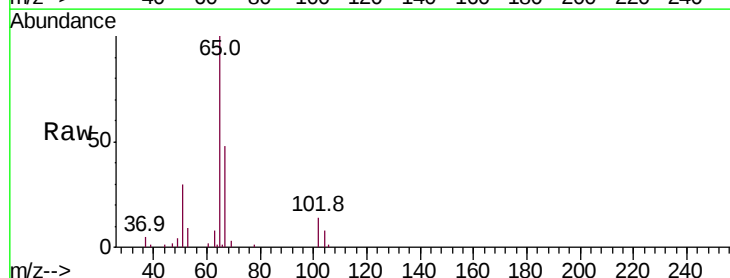
Acq: 25 Jun 2019 18:25

Tgt Ion: 65 Resp: 148036

Ion Ratio Lower Upper

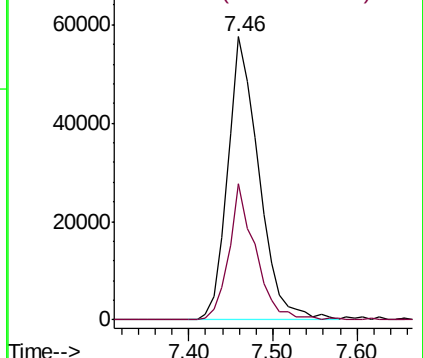
65 100

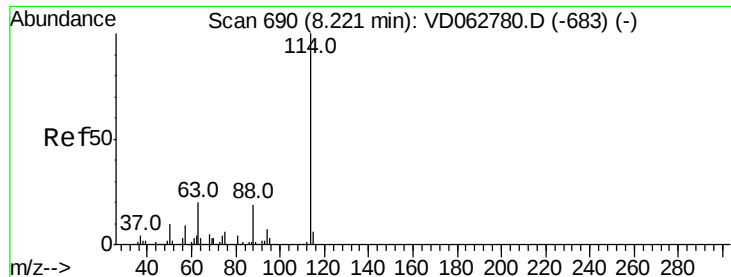
67 48.1 0.0 87.4



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: VD062886.D

Acq: 25 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

TR-04-062419

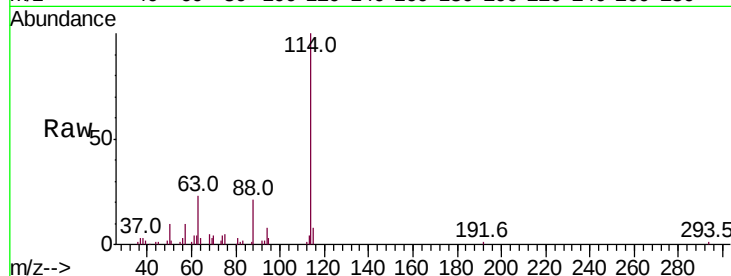
Tot Ion:114 Resp: 205333

Ion Ratio Lower Upper

114 100

63 23.3 0.0 40.0

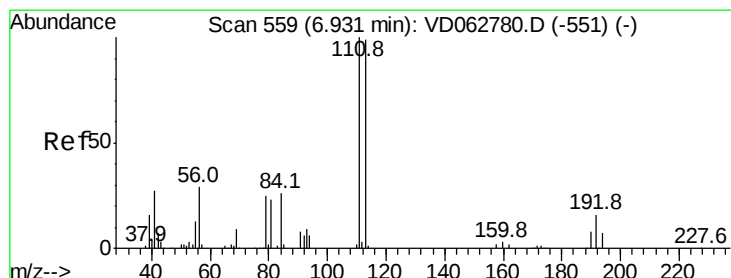
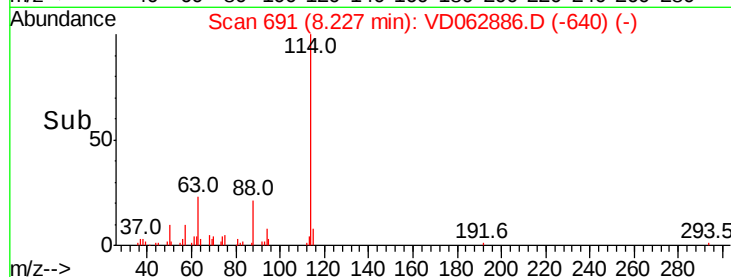
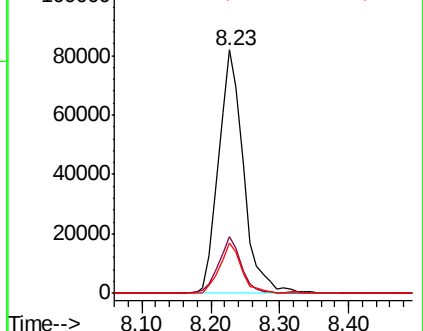
88 20.7 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 61.410 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062886.D

Acq: 25 Jun 2019 18:25

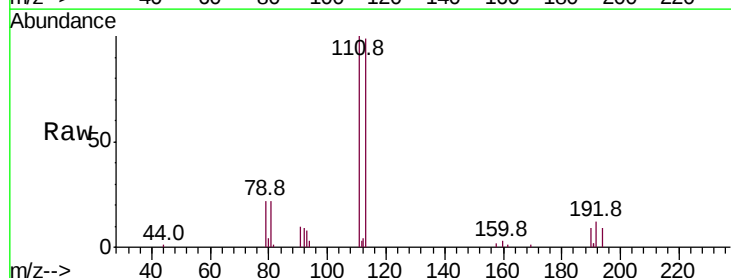
Tgt Ion:113 Resp: 106322

Ion Ratio Lower Upper

113 100

111 101.3 81.2 121.8

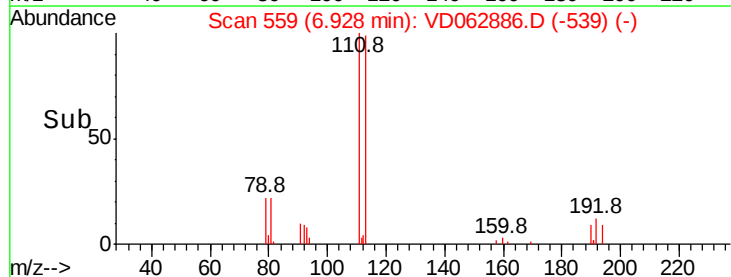
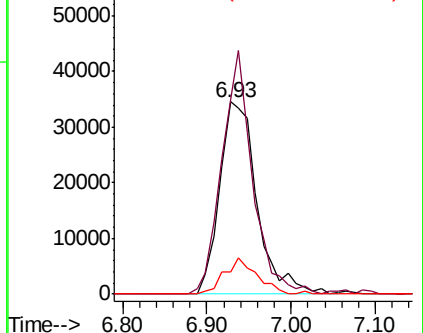
192 11.8 12.9 19.3#

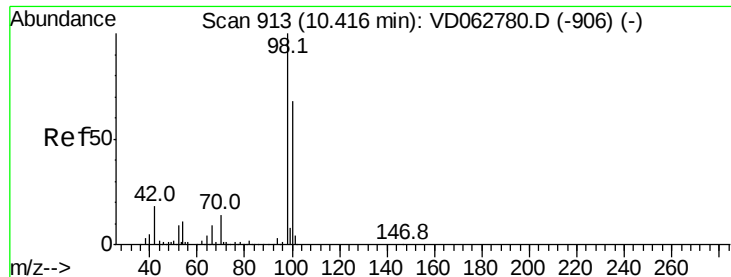


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 48.890 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062886.D

Acq: 25 Jun 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

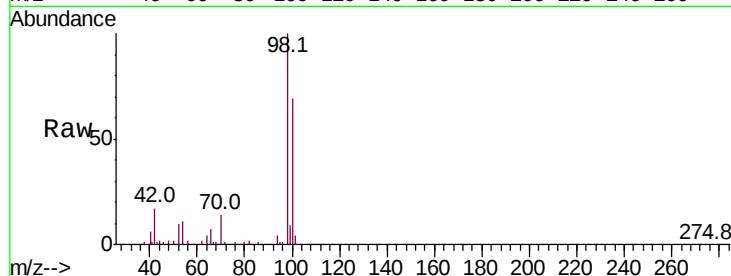
TR-04-062419

Tot Ion: 98 Resp: 184228

Ion Ratio Lower Upper

98 100

100 68.5 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) (-)

10.42

80000

60000

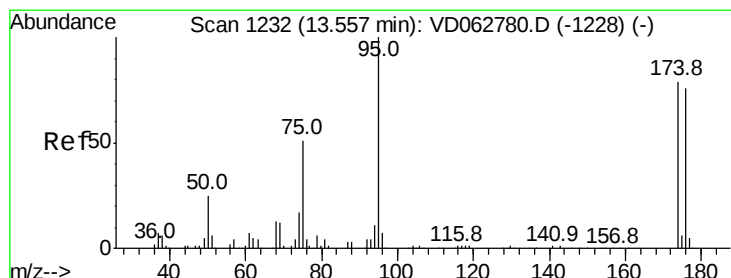
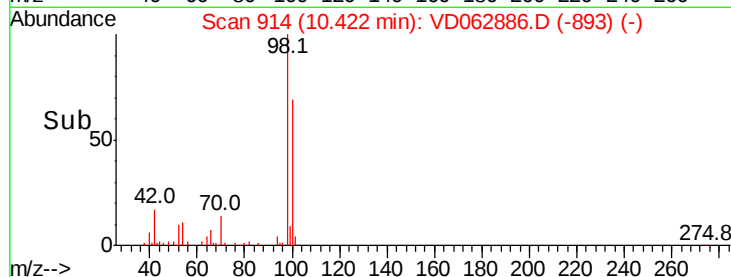
40000

20000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 55.018 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062886.D

Acq: 25 Jun 2019 18:25

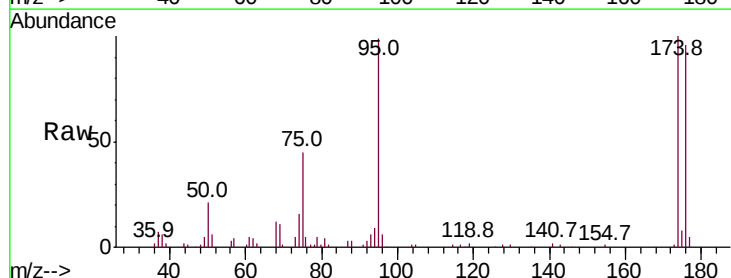
Tgt Ion: 95 Resp: 94271

Ion Ratio Lower Upper

95 100

174 100.9 0.0 158.0

176 97.3 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) (-)

13.56

80000

60000

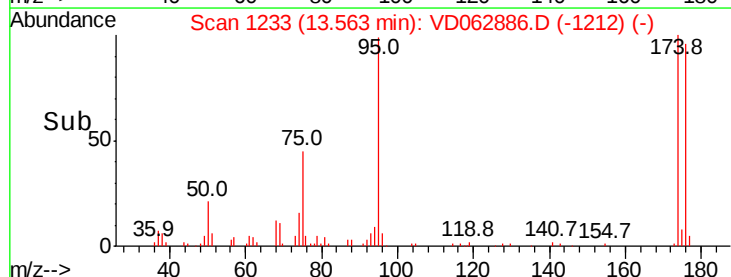
40000

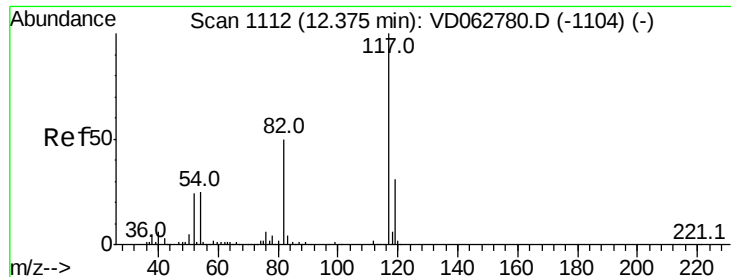
20000

0

13.50 13.55 13.60 13.65

Time-->

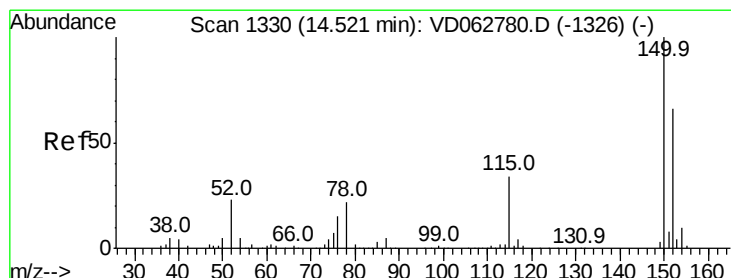
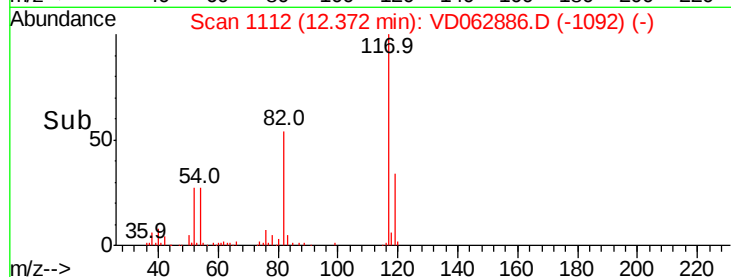
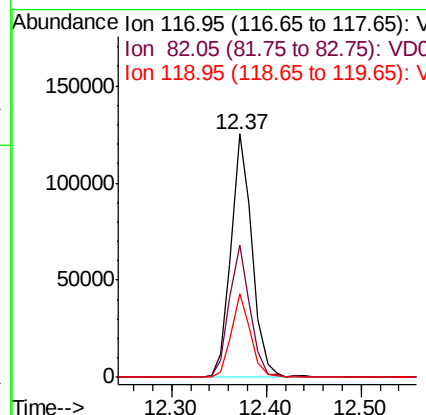
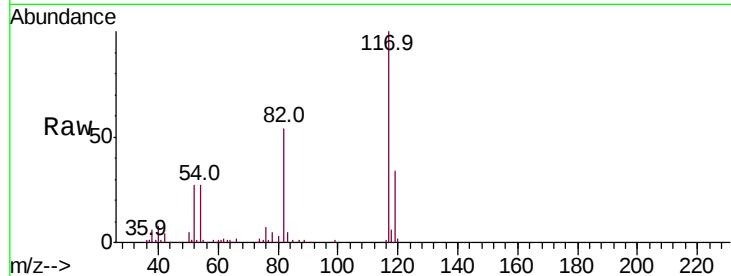




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062886.D
Acq: 25 Jun 2019 18:25

Instrument :
MSVOA_D
ClientSampleId :
TR-04-062419

Tot Ion:117 Resp: 193338
Ion Ratio Lower Upper
117 100
82 54.2 40.4 60.6
119 34.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062886.D
Acq: 25 Jun 2019 18:25

Tgt Ion:152 Resp: 94160
Ion Ratio Lower Upper
152 100
115 47.5 29.2 87.6
150 150.7 0.0 305.8

