

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061886.D
 Acq On : 18 Apr 2019 20:57
 Operator : VA/AP
 Sample : K2453-01
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Quant Time: Apr 19 01:19:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

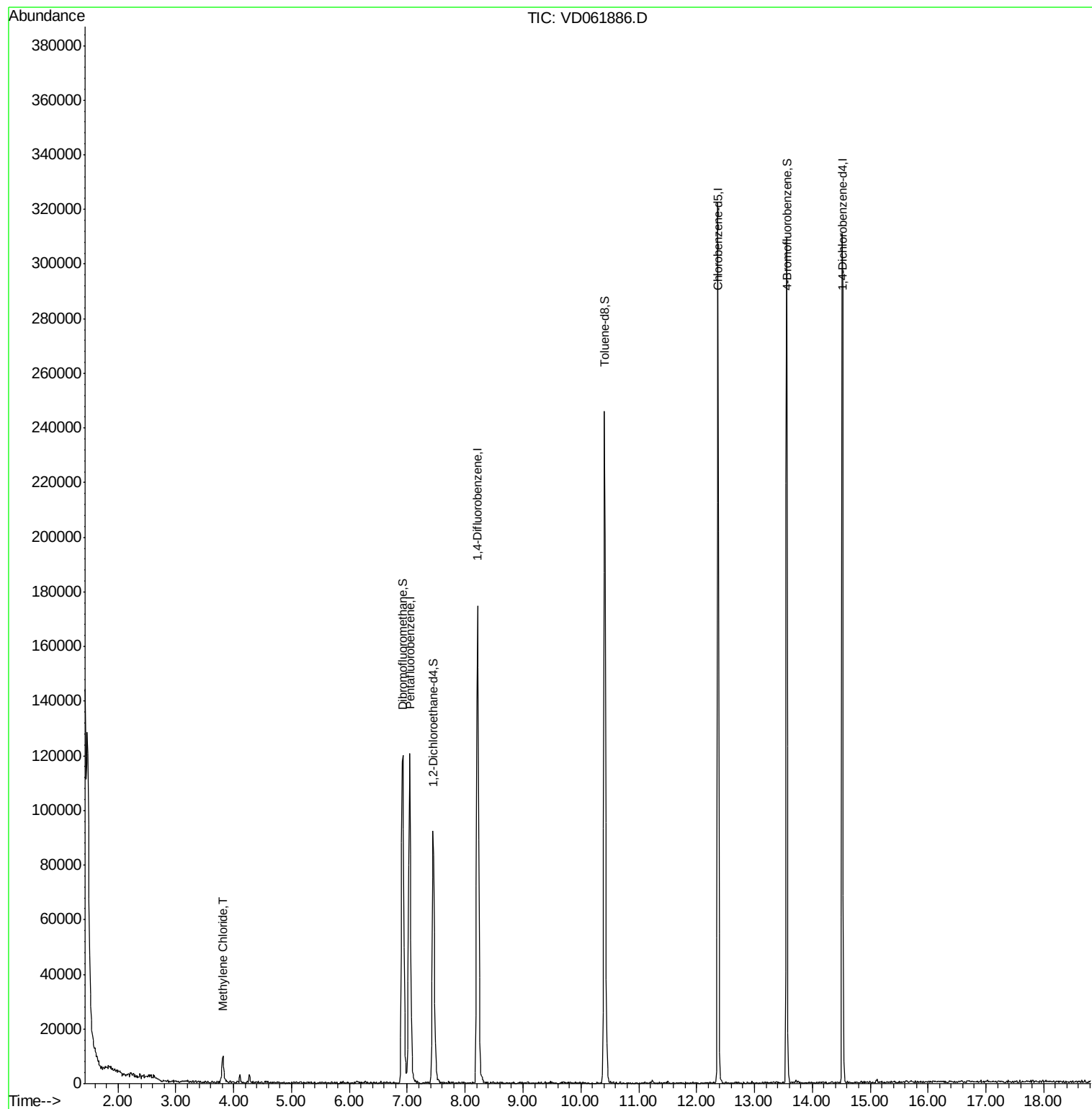
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	119038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	210306	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	190262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	80466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	97107	97.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	194.68%	
35) Dibromofluoromethane	6.92	113	117608	74.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	148.04%	
50) Toluene-d8	10.41	98	209924	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	13.56	95	95233	62.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.82%	
Target Compounds						
20) Methylene Chloride	3.81	84	6736	1.018	ug/l #	93

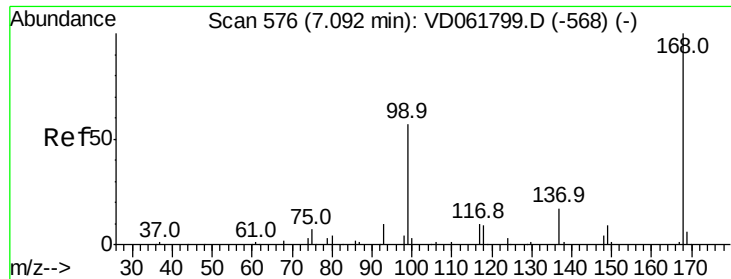
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

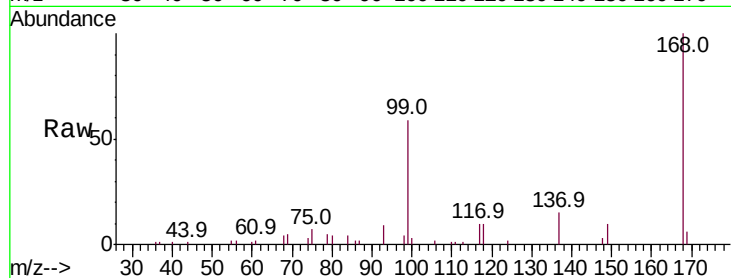
OILY-STONES

Tot Ion:168 Resp: 119038

Ion Ratio Lower Upper

168 100

99 58.7 46.5 69.7

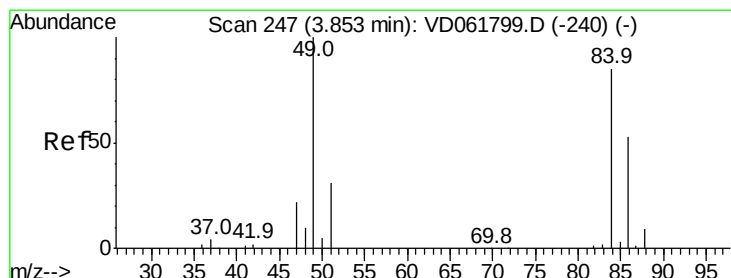
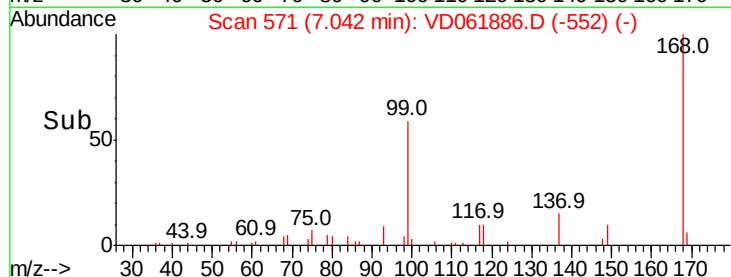


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

Time-->



#20

Methylene Chloride

Concen: 1.018 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Tgt Ion: 84 Resp: 6736

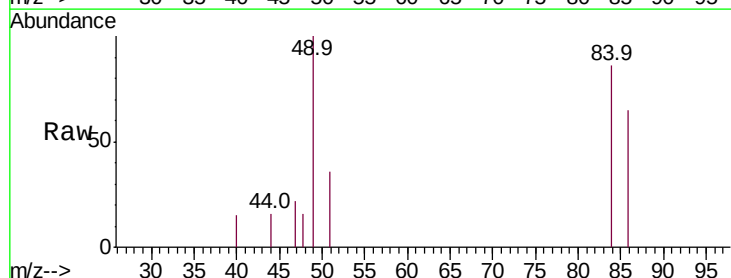
Ion Ratio Lower Upper

84 100

49 115.8 94.0 141.0

51 42.0 29.0 43.4

86 75.5 49.8 74.6#



Abundance Ion 83.95 (83.65 to 84.65): VDC

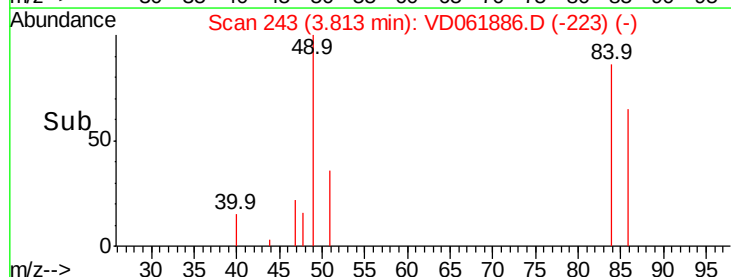
Ion 48.90 (48.60 to 49.60): VDC

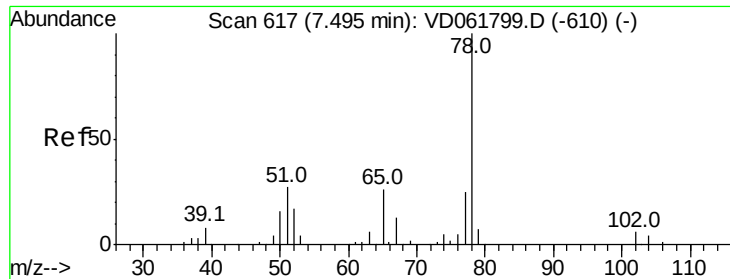
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.81

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

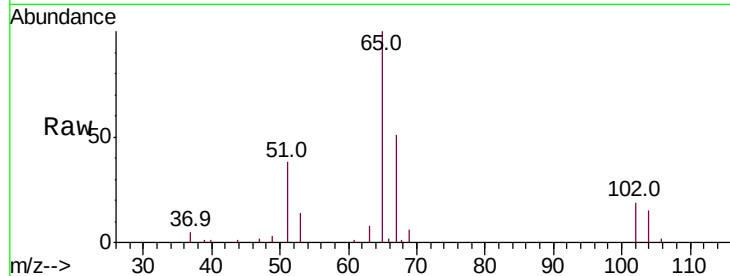
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion: 65 Resp: 97107

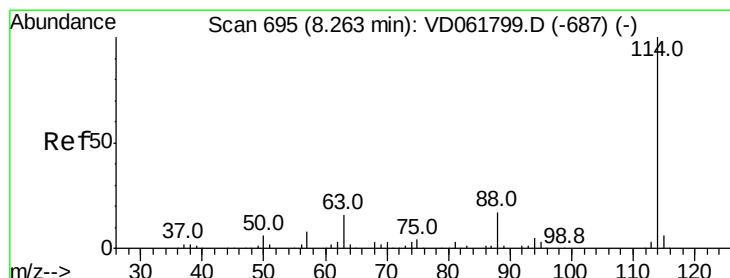
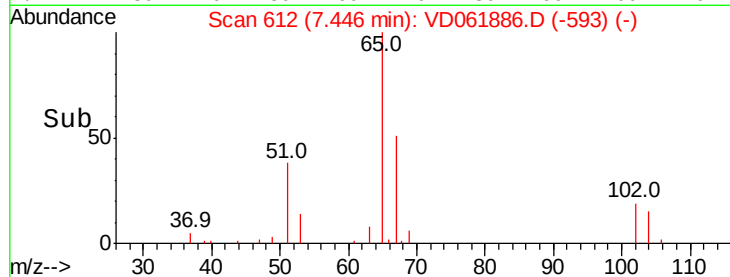
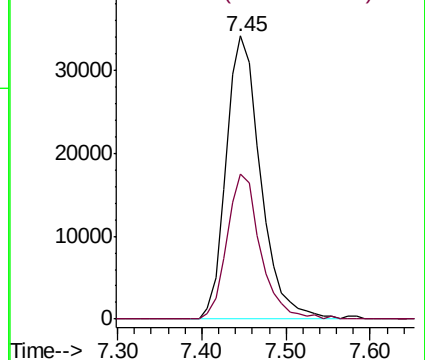
Ion Ratio Lower Upper

65 100

67 51.5 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: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

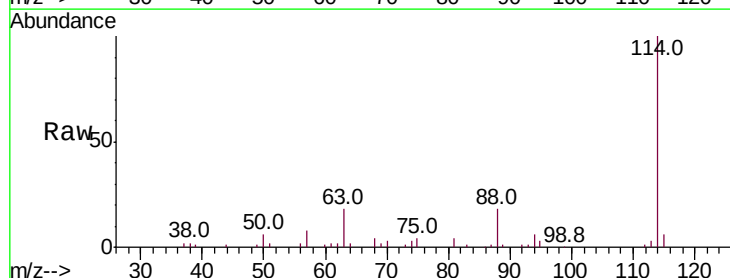
Tgt Ion: 114 Resp: 210306

Ion Ratio Lower Upper

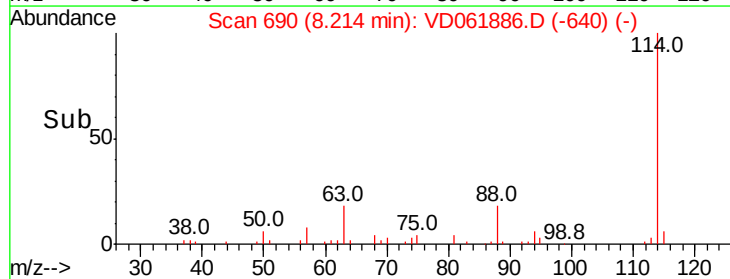
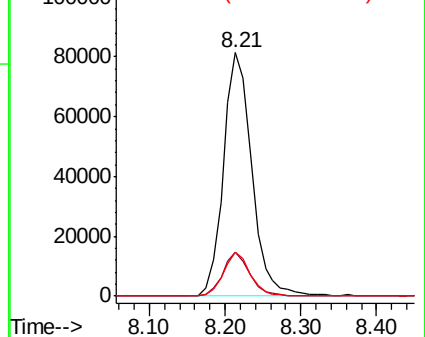
114 100

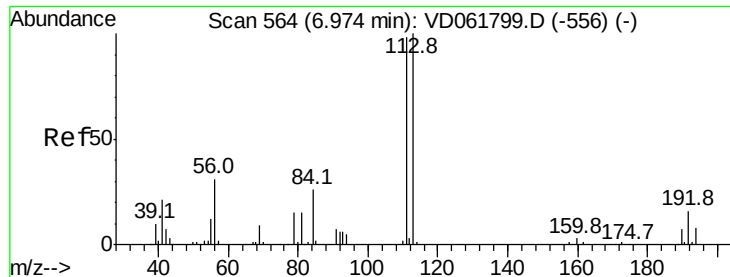
63 18.1 0.0 32.4

88 18.3 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: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

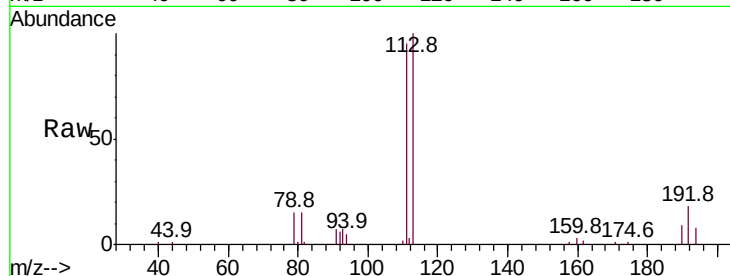
Tot Ion:113 Resp: 117608

Ion Ratio Lower Upper

113 100

111 95.4 78.5 117.7

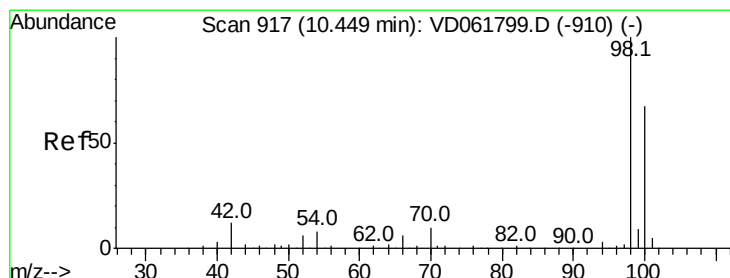
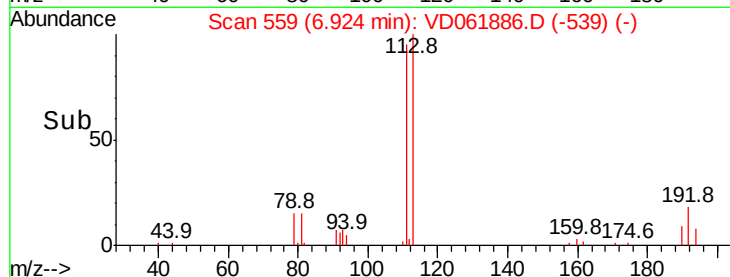
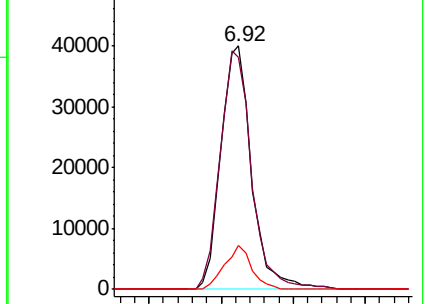
192 18.0 13.0 19.4



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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD061886.D

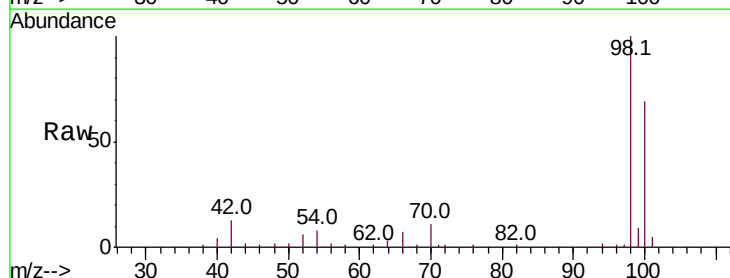
Acq: 18 Apr 2019 20:57

Tgt Ion: 98 Resp: 209924

Ion Ratio Lower Upper

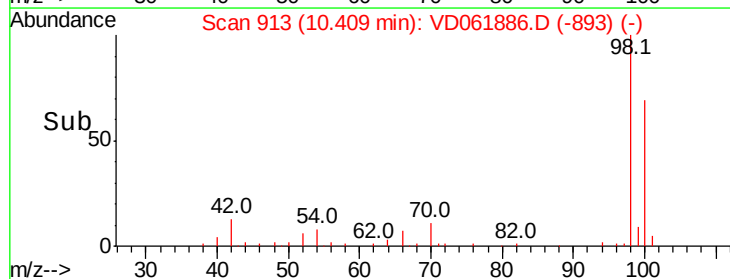
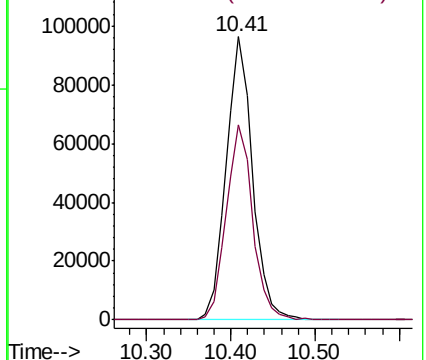
98 100

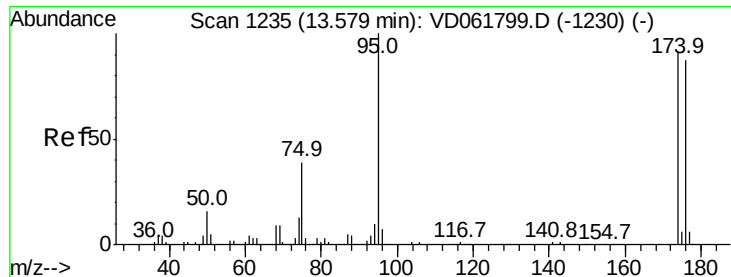
100 68.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

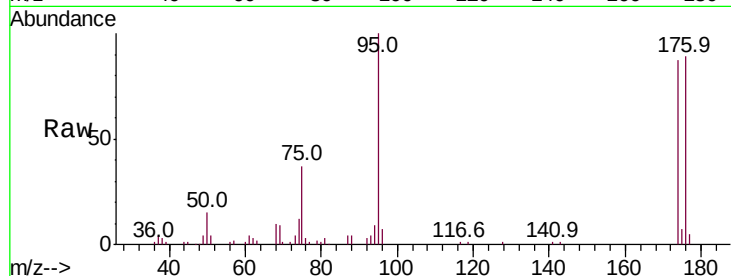
Tot Ion: 95 Resp: 95233

Ion Ratio Lower Upper

95 100

174 87.3 0.0 181.8

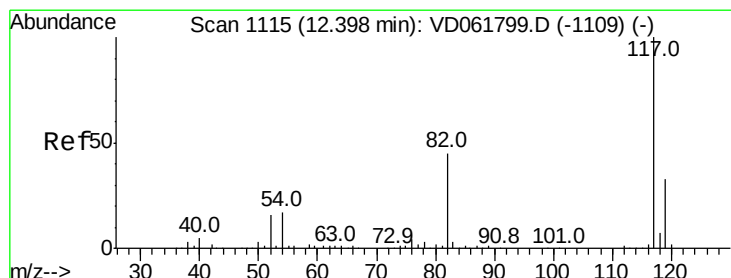
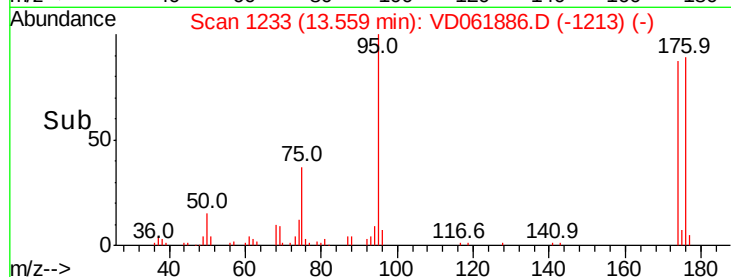
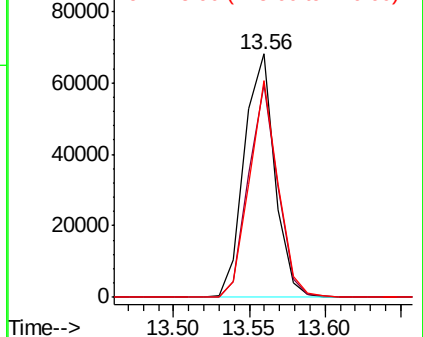
176 88.9 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

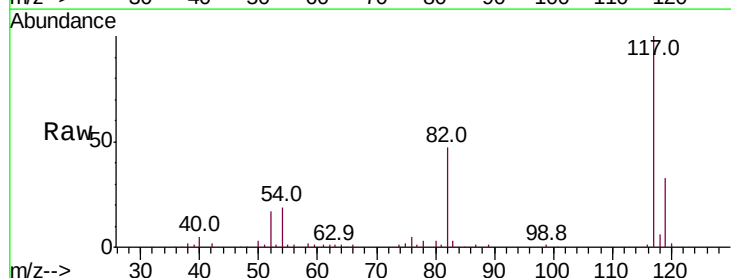
Tgt Ion: 117 Resp: 190262

Ion Ratio Lower Upper

117 100

82 46.5 36.2 54.2

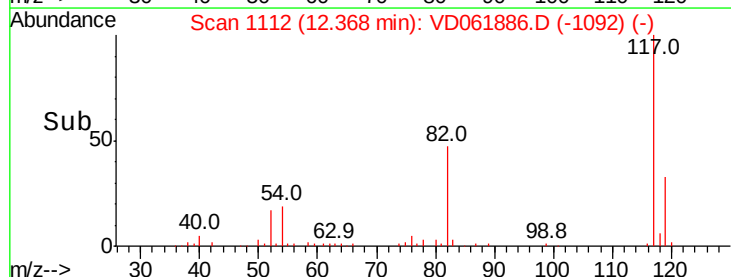
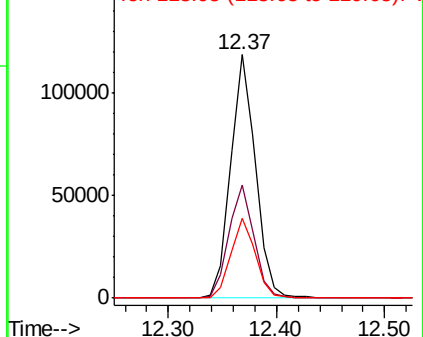
119 32.8 26.2 39.4

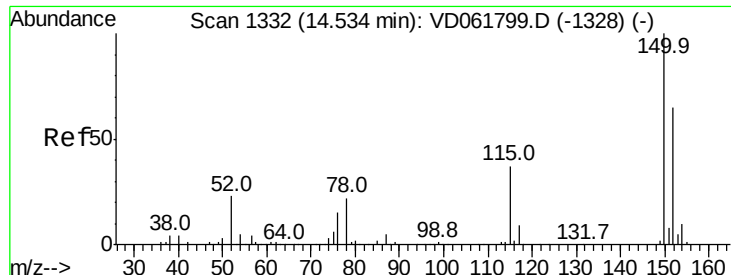


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1331
 Delta R.T. 0.00 min
 Lab File: VD061886.D
 Acq: 18 Apr 2019 20:57

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Tot Ion:152 Resp: 80466
 Ion Ratio Lower Upper
 152 100
 115 52.7 30.9 92.7
 150 152.4 0.0 314.8

