

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032319\
 Data File : VD061288.D
 Acq On : 23 Mar 2019 18:42
 Operator : VA/AP
 Sample : K2050-04RE
 Misc : 4.87g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-2RE

Quant Time: Mar 25 05:58:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

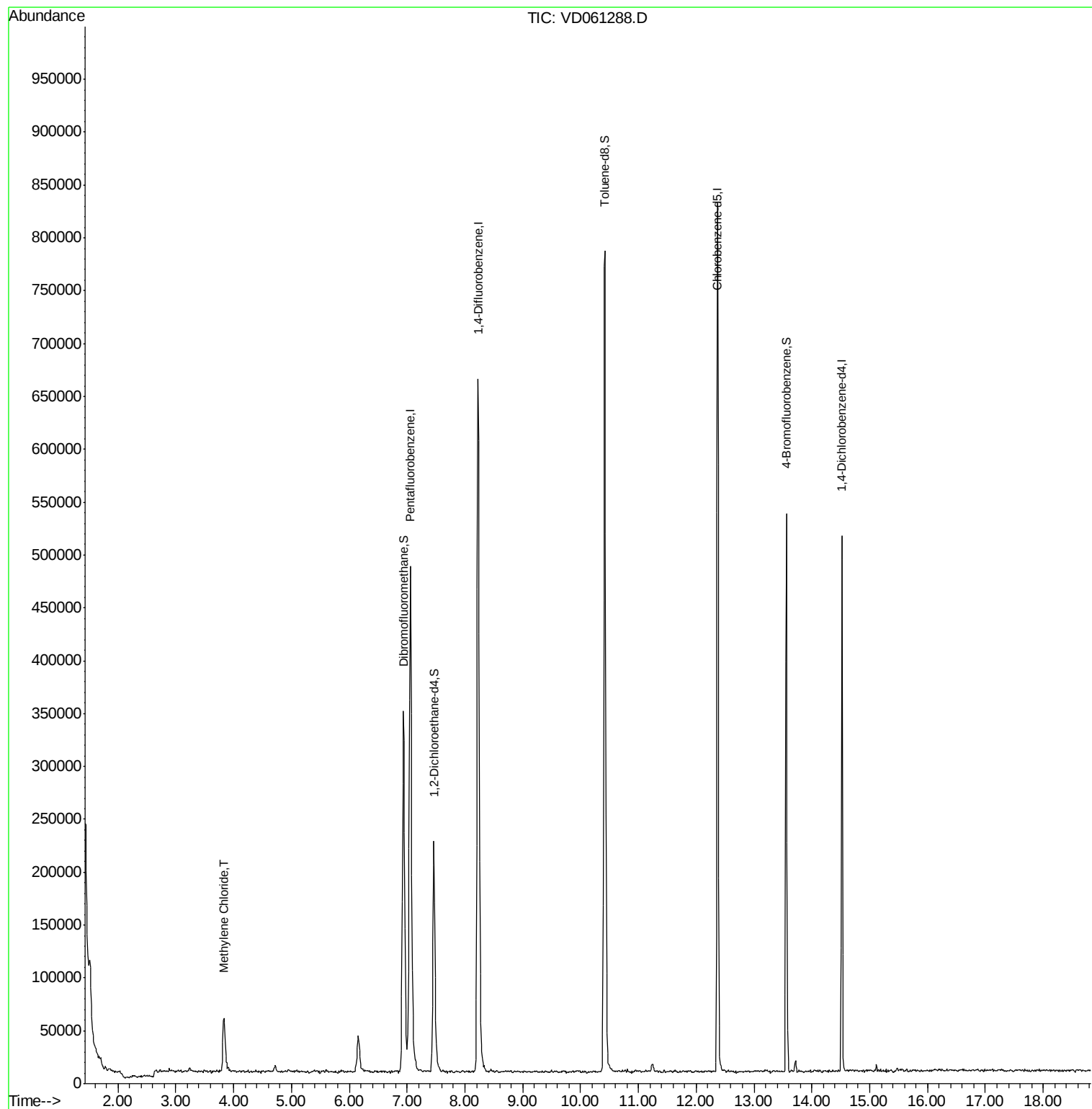
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	515300	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	818926	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	521669	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	133681	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	209396	48.82	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.64%	
35) Dibromofluoromethane	6.93	113	333000	54.79	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	10.42	98	717172	46.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	13.56	95	164422	27.77	ug/l	0.01
Spiked Amount 50.000			Recovery	=	55.54%	
Target Compounds						
20) Methylene Chloride	3.83	84	41451	3.031	ug/l	Qvalue 92

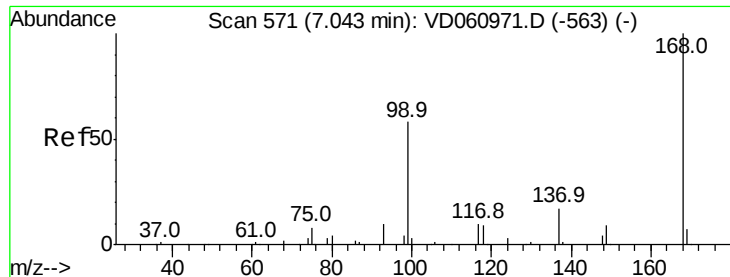
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD061288.D

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MSVOA_D

ClientSampleId :

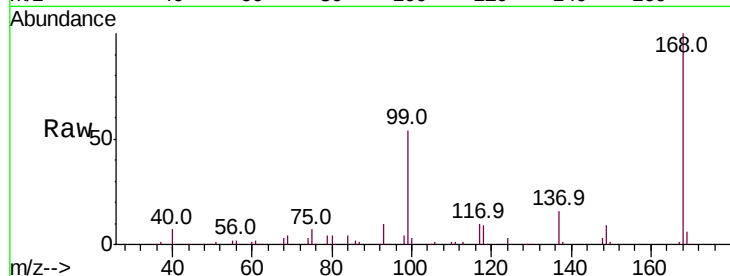
CS-2RE

Tot Ion:168 Resp: 515300

Ion Ratio Lower Upper

168 100

99 53.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

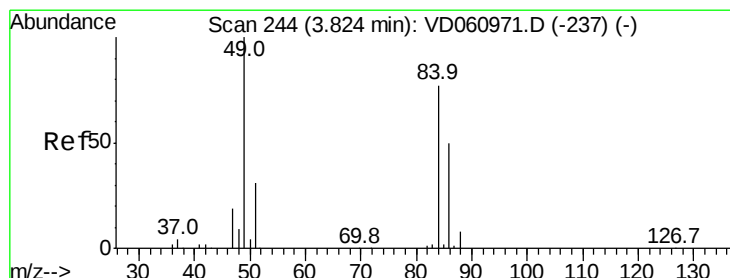
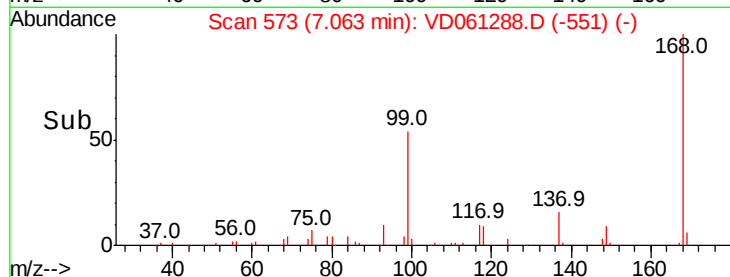
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 3.031 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

Tgt Ion: 84 Resp: 41451

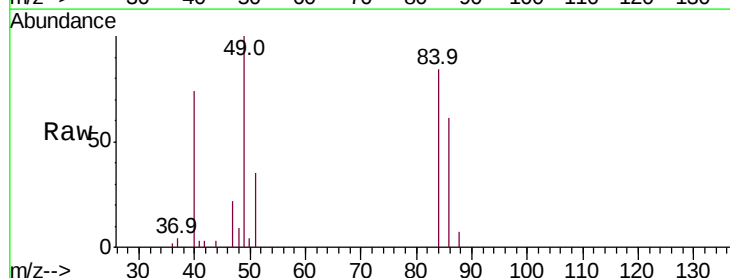
Ion Ratio Lower Upper

84 100

49 118.4 104.2 156.2

51 40.9 32.3 48.5

86 72.2 52.3 78.5



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

3.83

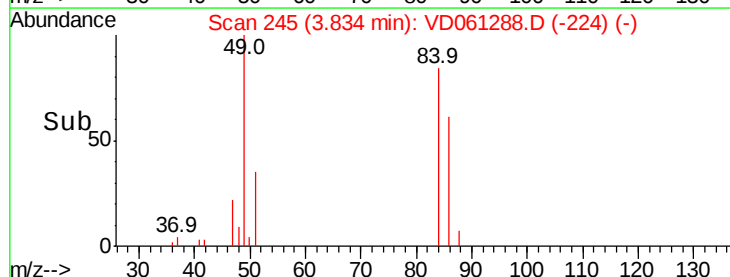
15000

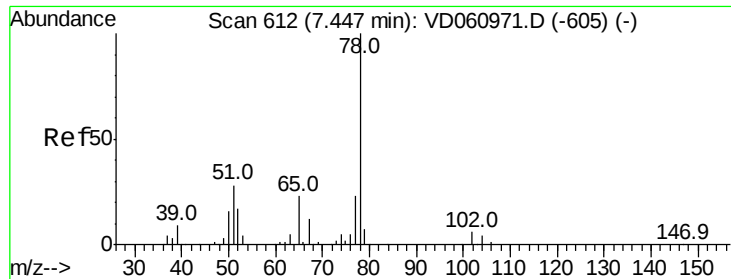
10000

5000

0

Time--> 3.70 3.80 3.90 4.00





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

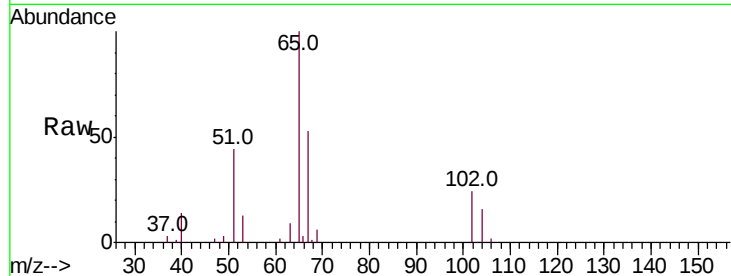
CS-2RE

Tot Ion: 65 Resp: 209396

Ion Ratio Lower Upper

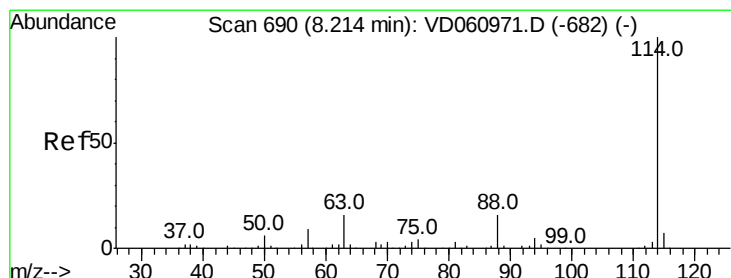
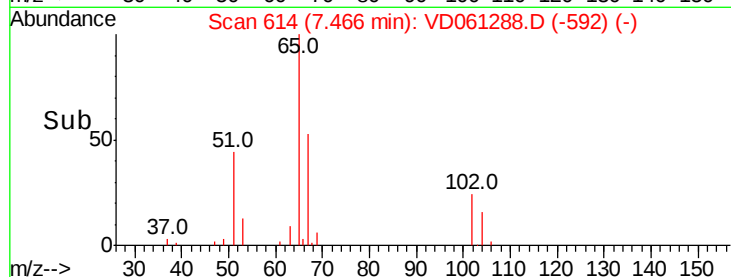
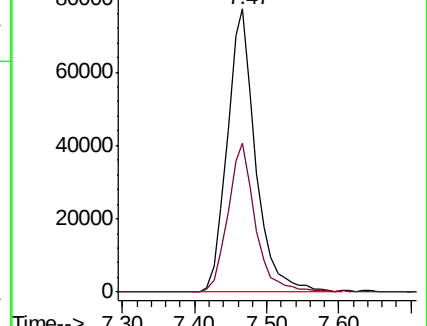
65 100

67 52.7 0.0 105.2



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: 8.22 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

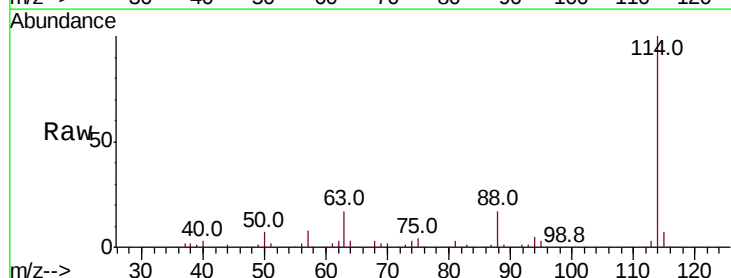
Tgt Ion: 114 Resp: 818926

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.4

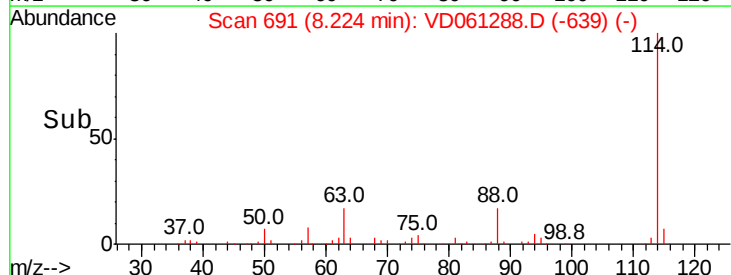
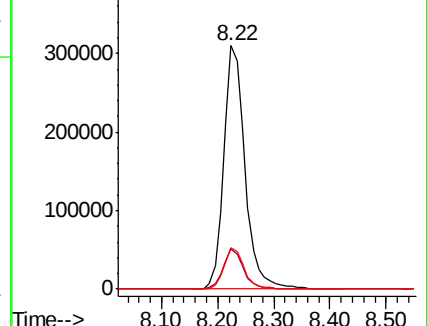
88 16.9 0.0 33.0

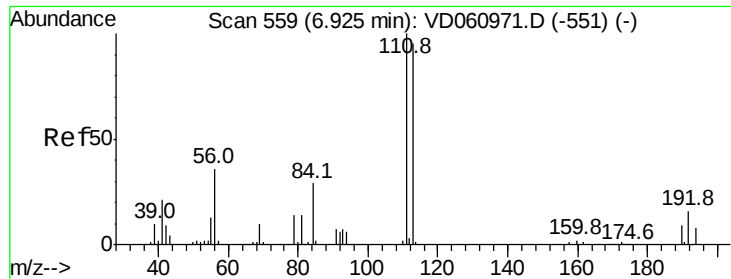


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

CS-2RE

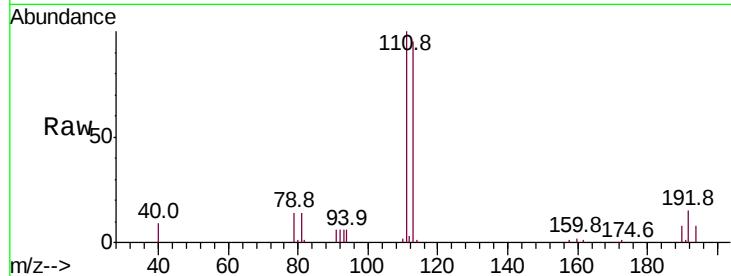
Tot Ion:113 Resp: 333000

Ion Ratio Lower Upper

113 100

111 105.4 84.2 126.4

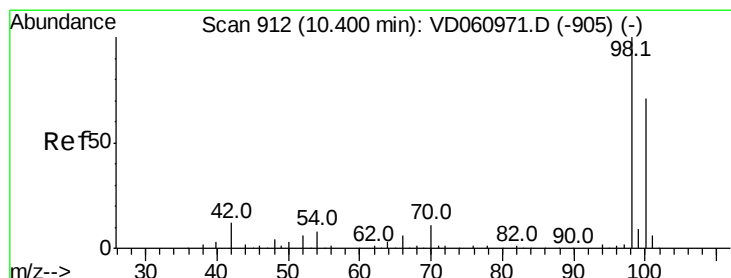
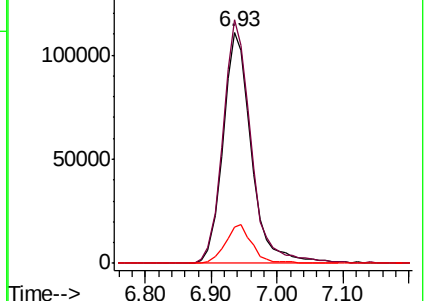
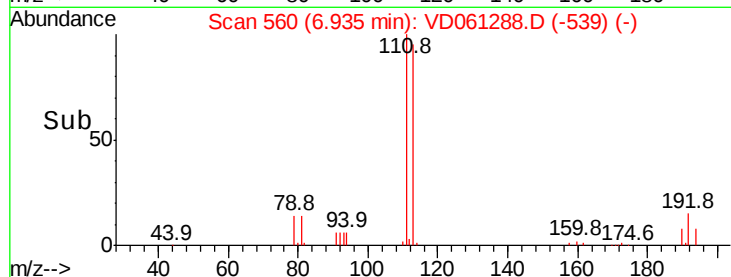
192 15.8 13.1 19.7



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: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD061288.D

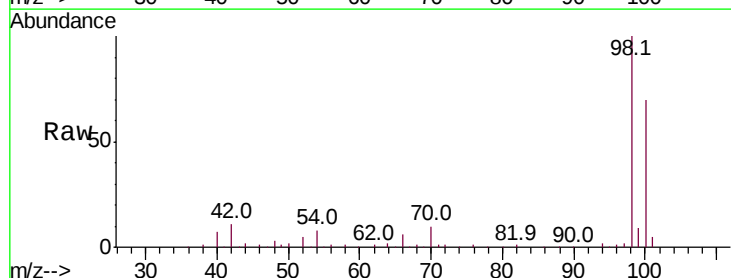
Acq: 23 Mar 2019 18:42

Tgt Ion: 98 Resp: 717172

Ion Ratio Lower Upper

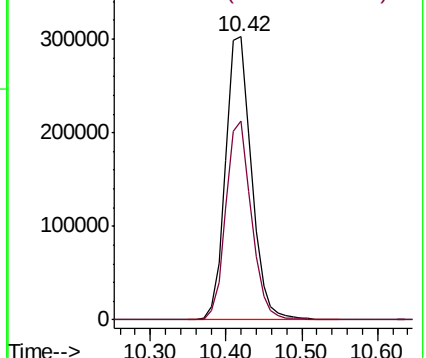
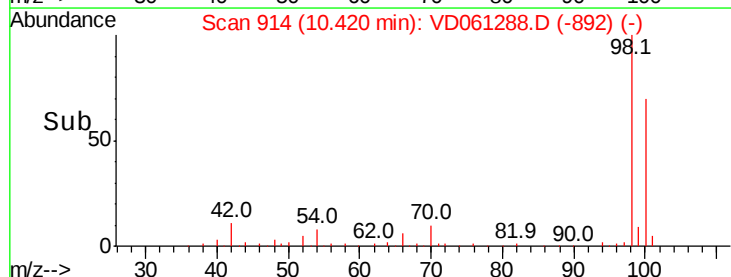
98 100

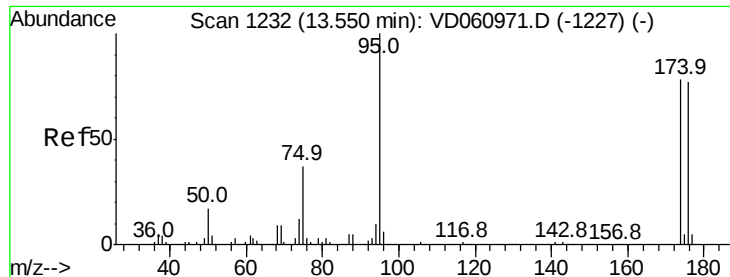
100 70.2 57.4 86.2



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. 0.01 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

CS-2RE

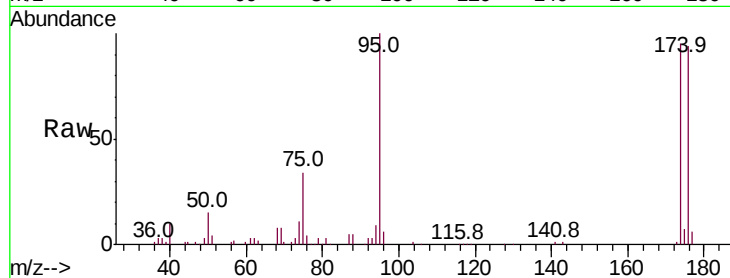
Tot Ion: 95 Resp: 164422

Ion Ratio Lower Upper

95 100

174 95.4 0.0 155.6

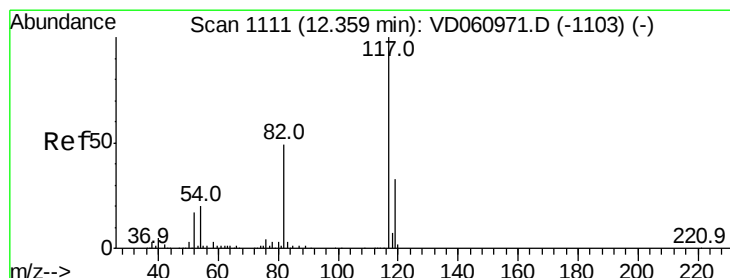
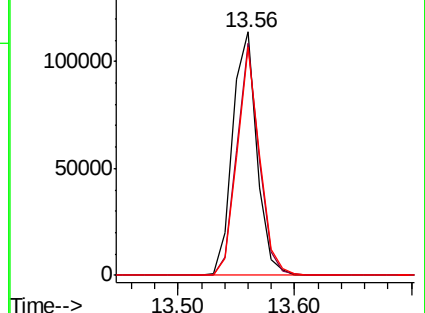
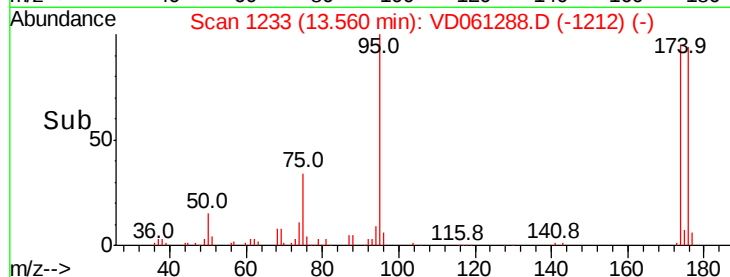
176 93.5 0.0 153.8



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. 0.01 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

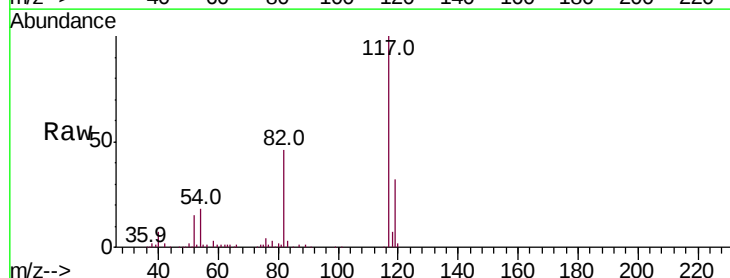
Tgt Ion: 117 Resp: 521669

Ion Ratio Lower Upper

117 100

82 46.2 38.9 58.3

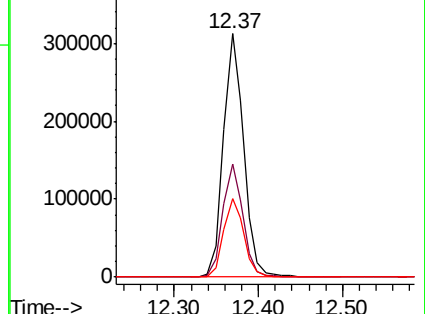
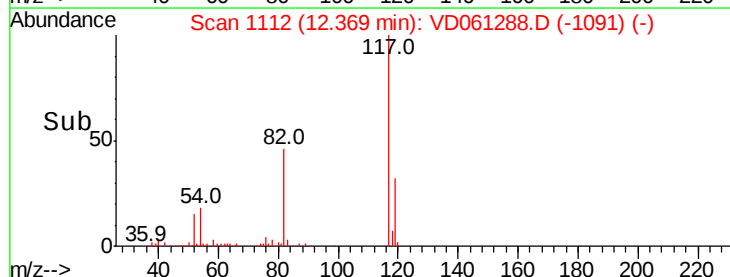
119 32.0 26.6 39.8

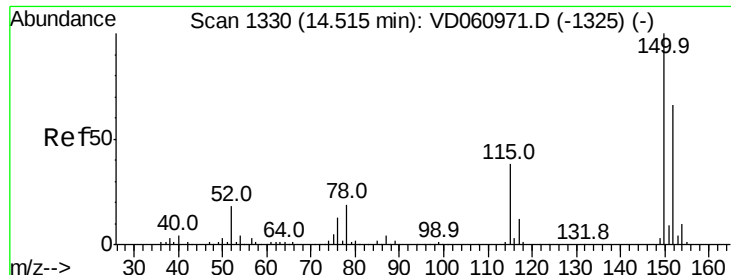


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061288.D

Acq: 23 Mar 2019 18:42

Instrument :

MSVOA_D

ClientSampleId :

CS-2RE

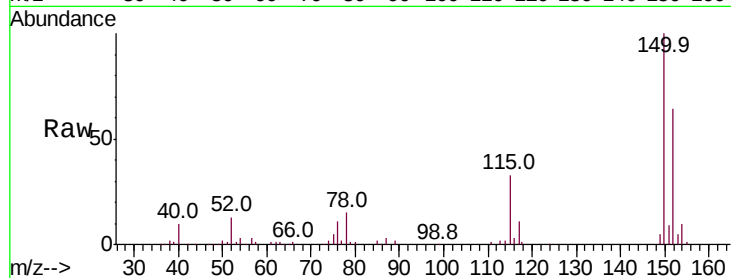
Tot Ion:152 Resp: 133681

Ion Ratio Lower Upper

152 100

115 51.2 28.6 85.9

150 156.5 0.0 310.6



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

