

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061152.D
 Acq On : 18 Mar 2019 18:23
 Operator : VA/AP
 Sample : K1935-08
 Misc : 4.65µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(10-11)

Quant Time: Mar 19 04:21:47 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

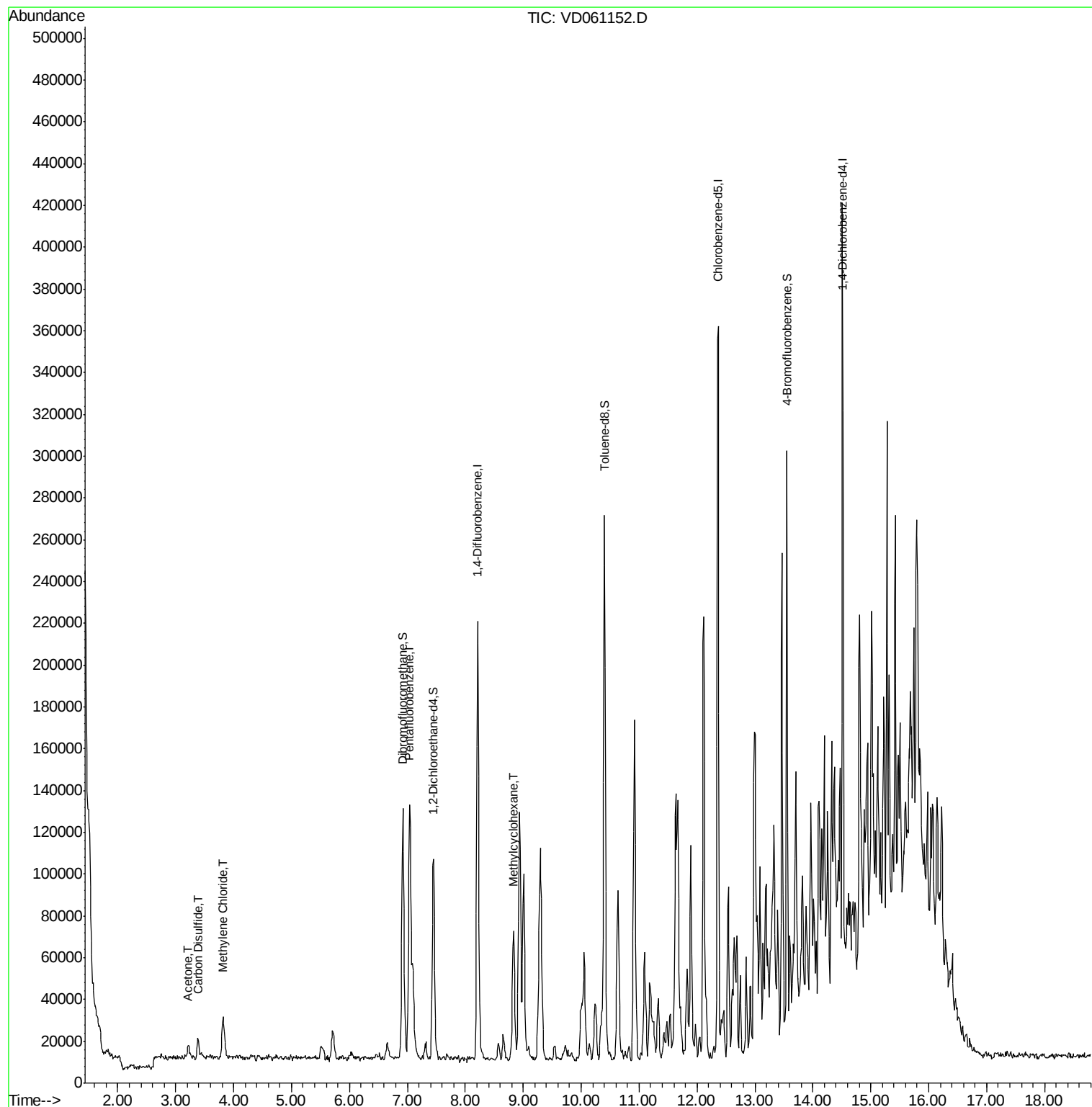
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	129756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	269058	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	236000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	82456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	96260	89.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	178.24%	
35) Dibromofluoromethane	6.92	113	113059	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.24%	
50) Toluene-d8	10.40	98	224639	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	13.54	95	92537	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
16) Acetone	3.22	43	13491	43.681	ug/l	96
17) Carbon Disulfide	3.39	76	18380	4.183	ug/l	98
20) Methylene Chloride	3.82	84	14878	6.508	ug/l #	95
39) Methylcyclohexane	8.83	83	20287	8.436	ug/l #	37

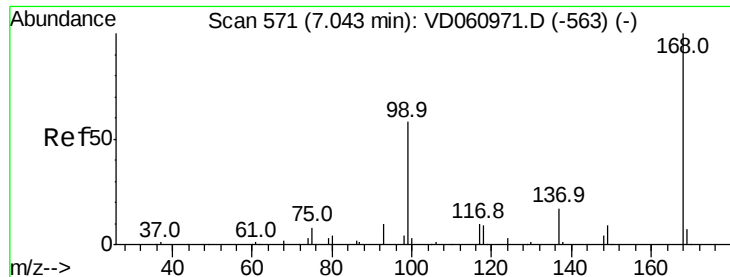
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

Instrument :

MSVOA_D

ClientSampleId :

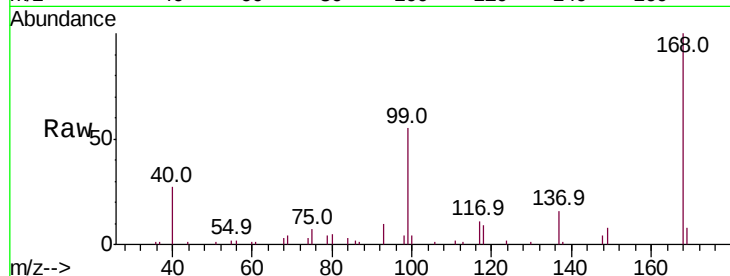
SB-2(10-11)

Tot Ion:168 Resp: 129756

Ion Ratio Lower Upper

168 100

99 55.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

50000

40000

30000

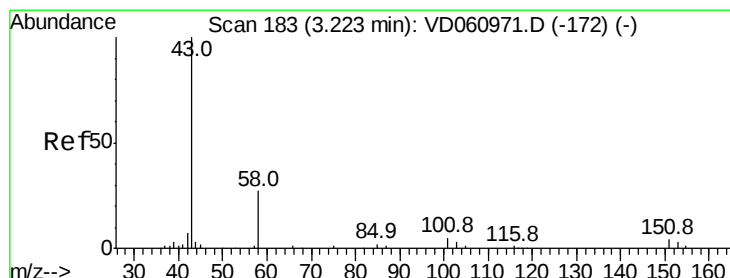
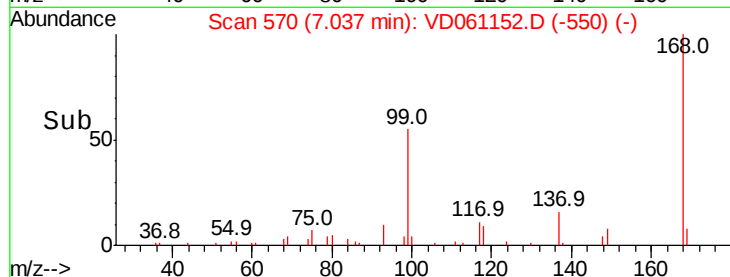
20000

10000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 43.681 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061152.D

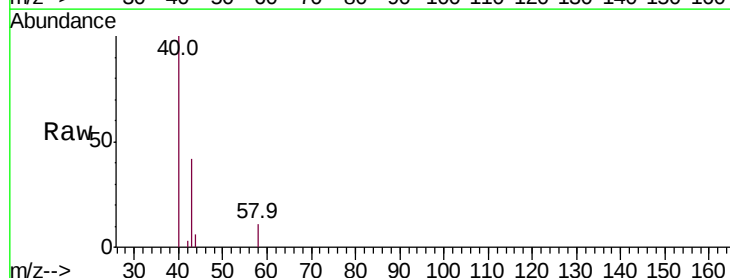
Acq: 18 Mar 2019 18:23

Tgt Ion: 43 Resp: 13491

Ion Ratio Lower Upper

43 100

58 25.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

5000

4000

3000

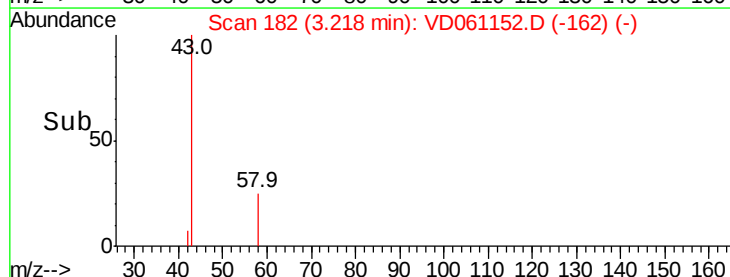
2000

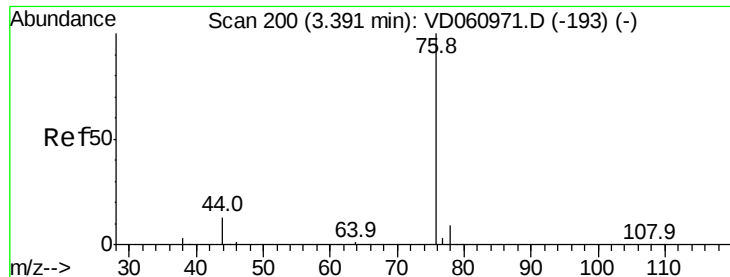
1000

0

Time-->

3.10 3.20 3.30





#17

Carbon Disulfide

Concen: 4.183 ug/l

RT: 3.39 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

Instrument :

MSVOA_D

ClientSampleId :

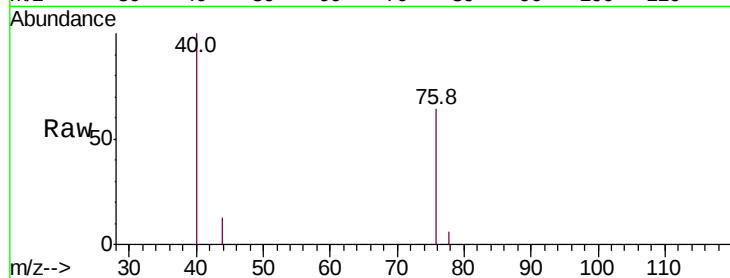
SB-2(10-11)

Tot Ion: 76 Resp: 18380

Ion Ratio Lower Upper

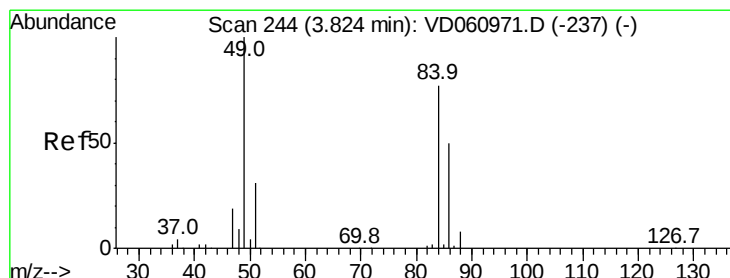
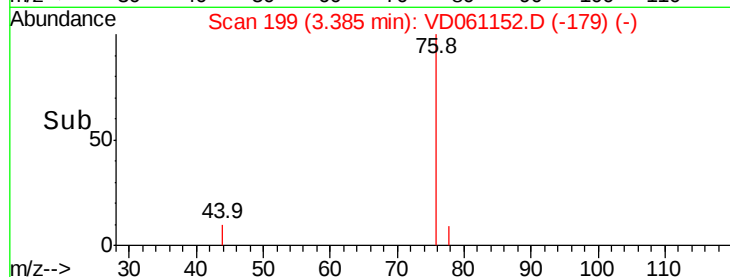
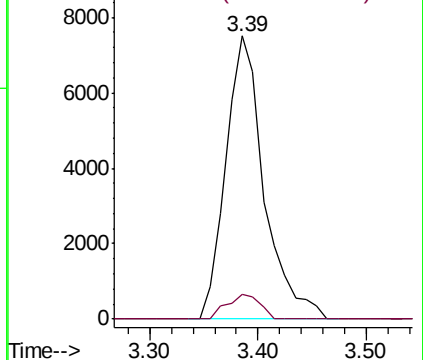
76 100

78 8.7 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 6.508 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

Tgt Ion: 84 Resp: 14878

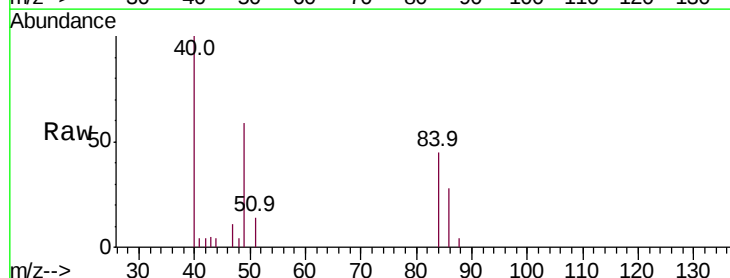
Ion Ratio Lower Upper

84 100

49 129.6 104.2 156.2

51 30.7 32.3 48.5#

86 60.9 52.3 78.5

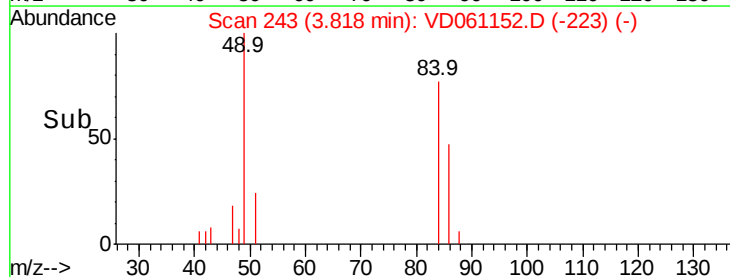
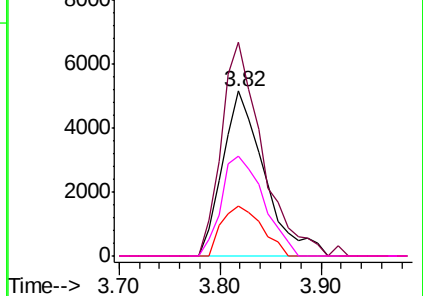


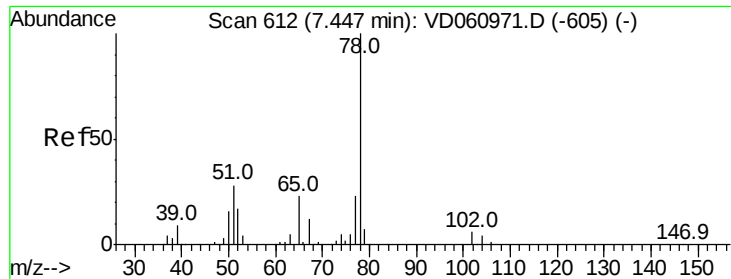
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

Instrument :

MSVOA_D

ClientSampleId :

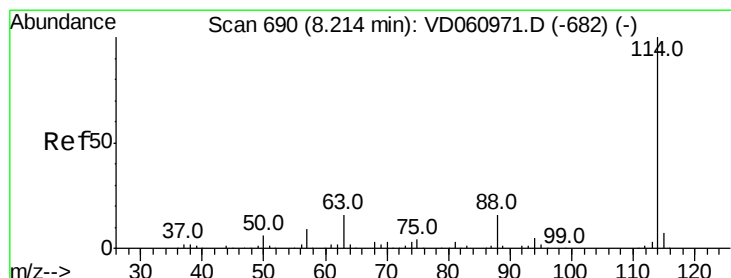
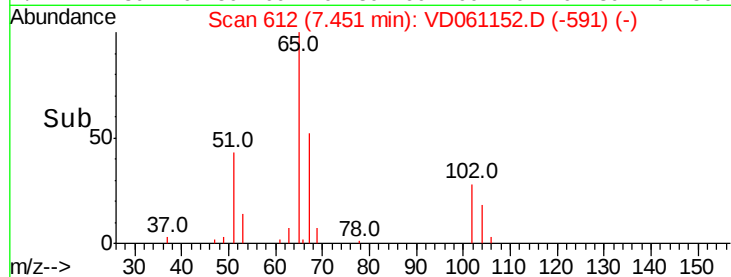
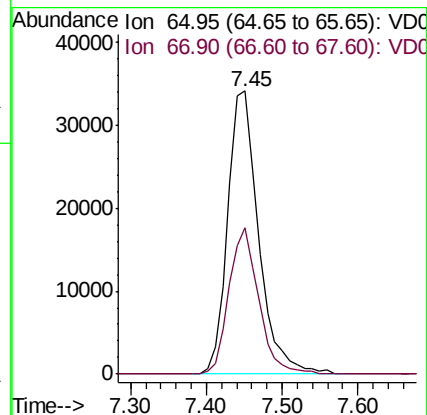
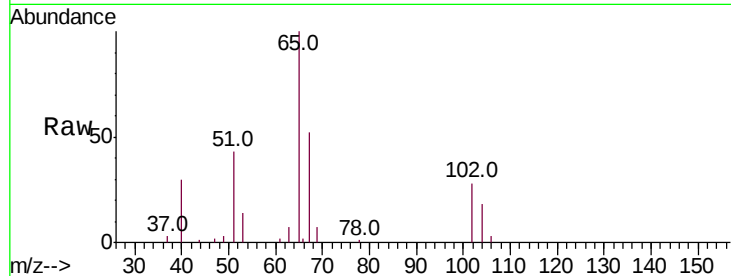
SB-2(10-11)

Tot Ion: 65 Resp: 96260

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

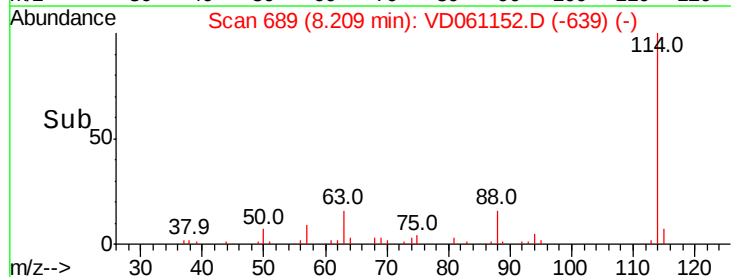
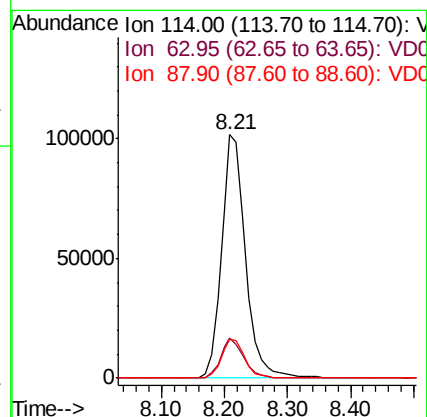
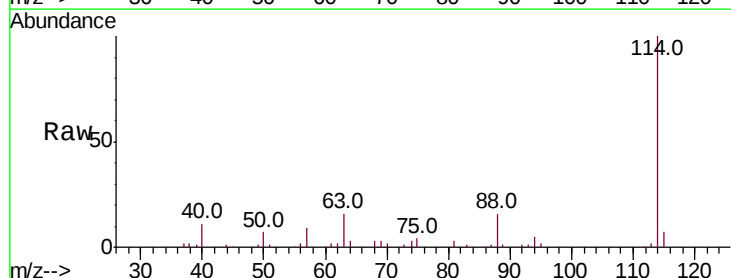
Tgt Ion: 114 Resp: 269058

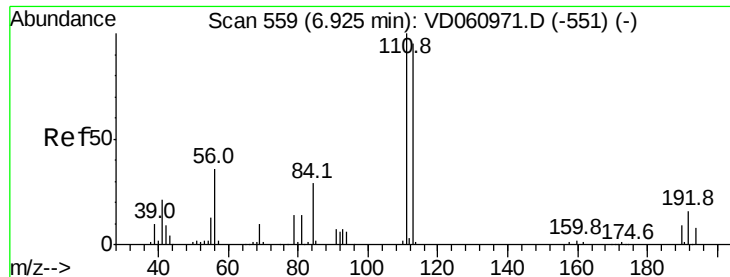
Ion Ratio Lower Upper

114 100

63 16.4 0.0 31.4

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

Instrument :

MSVOA_D

ClientSampleId :

SB-2(10-11)

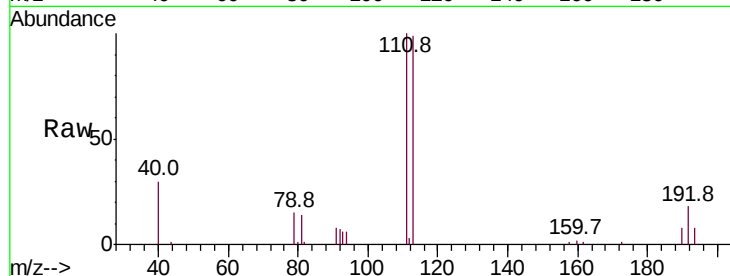
Tot Ion:113 Resp: 113059

Ion Ratio Lower Upper

113 100

111 100.7 84.2 126.4

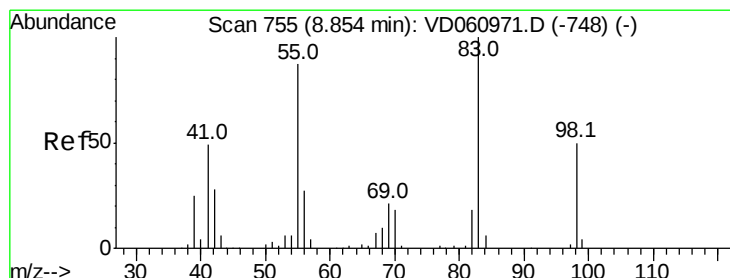
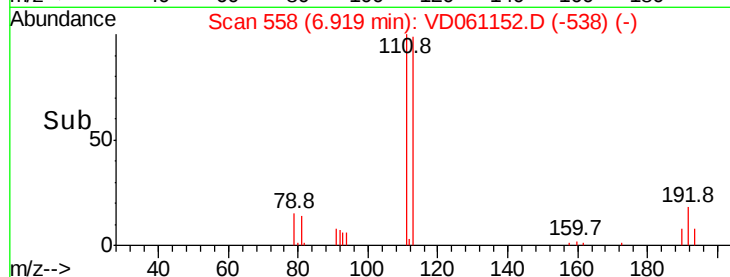
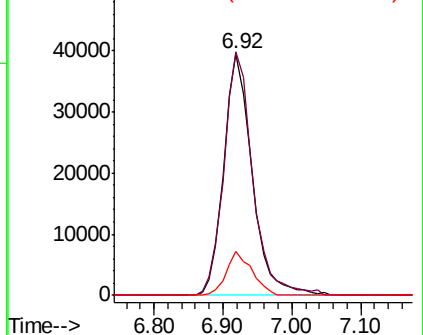
192 18.4 13.1 19.7



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



#39

Methylcyclohexane

Concen: 8.436 ug/l

RT: 8.83 min Scan# 752

Delta R.T. -0.03 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

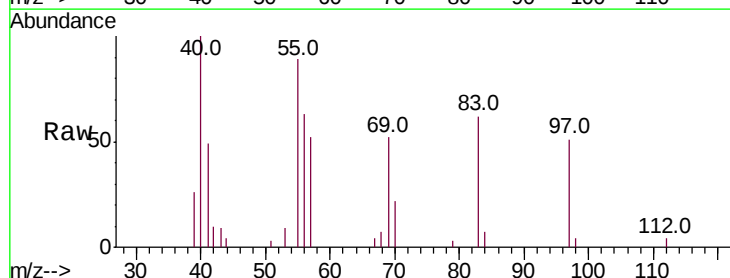
Tgt Ion: 83 Resp: 20287

Ion Ratio Lower Upper

83 100

55 145.5 69.6 104.4#

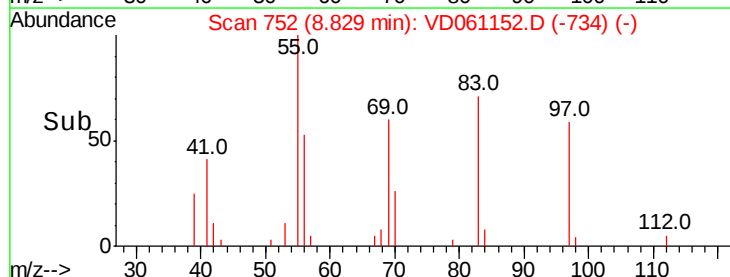
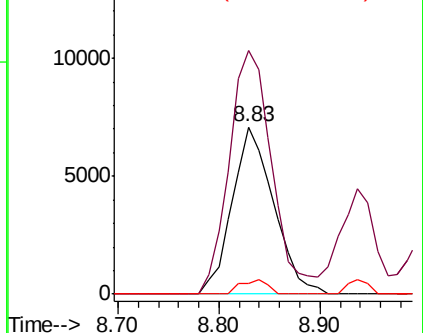
98 6.1 40.0 60.0#

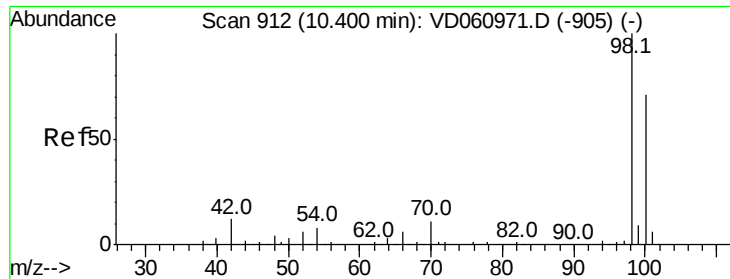


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

Instrument :

MSVOA_D

ClientSampleId :

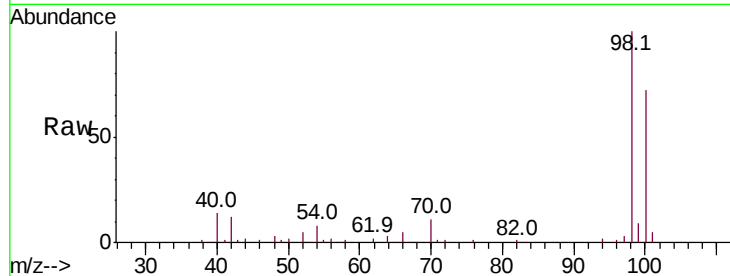
SB-2(10-11)

Tot Ion: 98 Resp: 224639

Ion Ratio Lower Upper

98 100

100 71.9 57.4 86.2

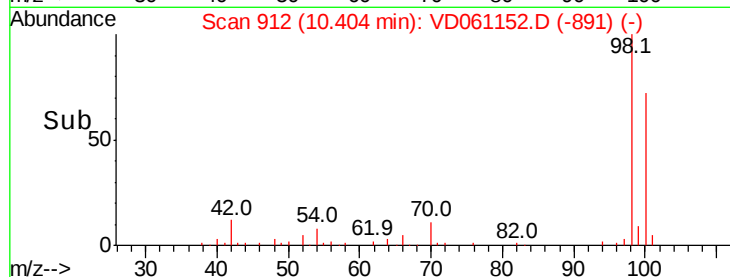


Abundance Ion 98.05 (97.75 to 98.75): VD060971.D (-905) (-)

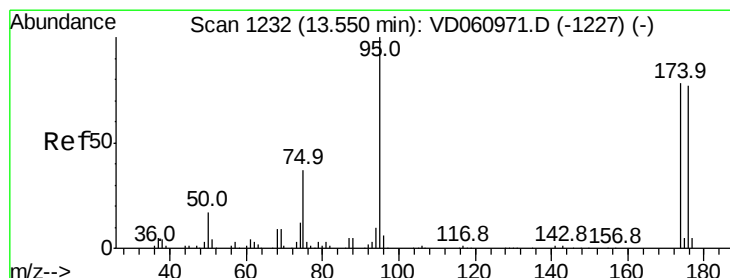
Ion 100.05 (99.75 to 100.75): VD060971.D (-905) (-)

10.40

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061152.D

Acq: 18 Mar 2019 18:23

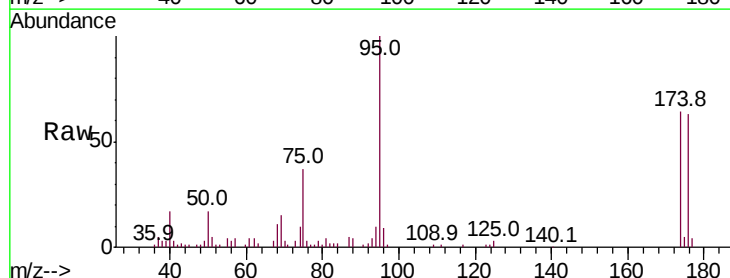
Tgt Ion: 95 Resp: 92537

Ion Ratio Lower Upper

95 100

174 63.7 0.0 155.6

176 62.8 0.0 153.8



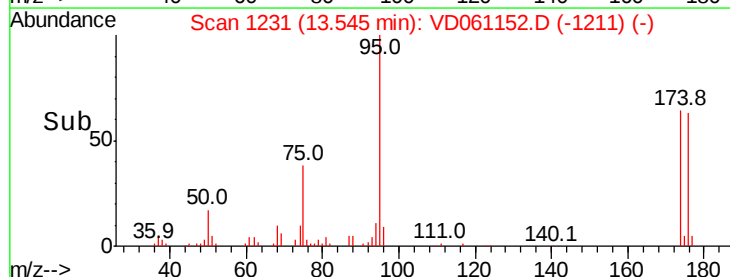
Abundance Ion 95.00 (94.70 to 95.70): VD060971.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060971.D (-1227) (-)

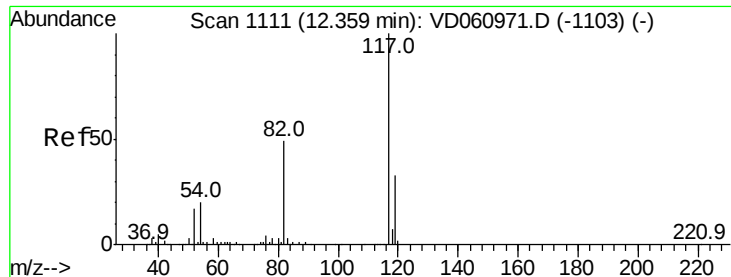
Ion 175.90 (175.60 to 176.60): VD060971.D (-1227) (-)

13.54

Time-->



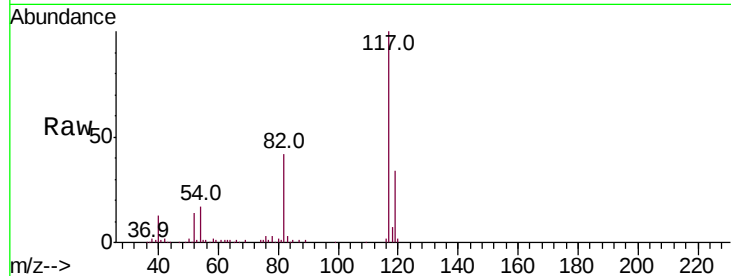
Time-->



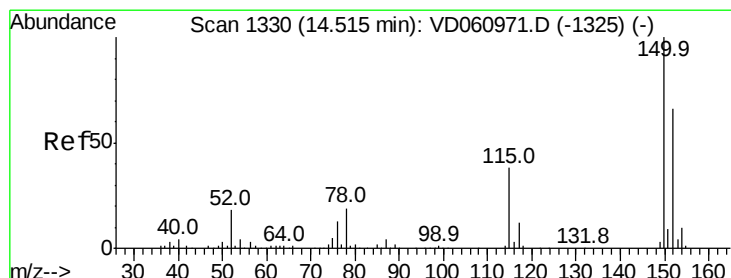
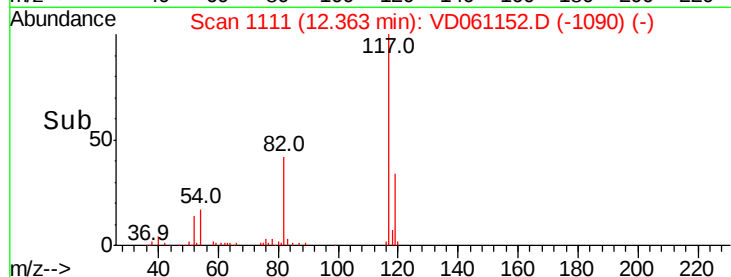
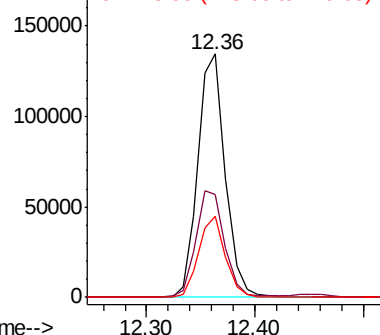
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061152.D
Acq: 18 Mar 2019 18:23

Instrument :
MSVOA_D
ClientSampleId :
SB-2(10-11)

Tot Ion:117 Resp: 236000
Ion Ratio Lower Upper
117 100
82 42.2 38.9 58.3
119 33.5 26.6 39.8

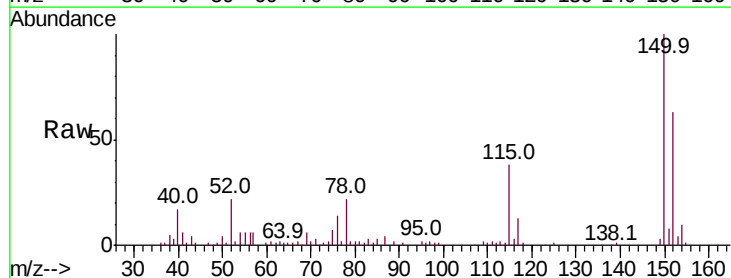


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061152.D
Acq: 18 Mar 2019 18:23

Tgt Ion:152 Resp: 82456
Ion Ratio Lower Upper
152 100
115 60.5 28.6 85.9
150 159.6 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

