

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061151.D
 Acq On : 18 Mar 2019 17:55
 Operator : VA/AP
 Sample : K1935-07
 Misc : 2.83g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(14-15)

Quant Time: Mar 19 04:20:01 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

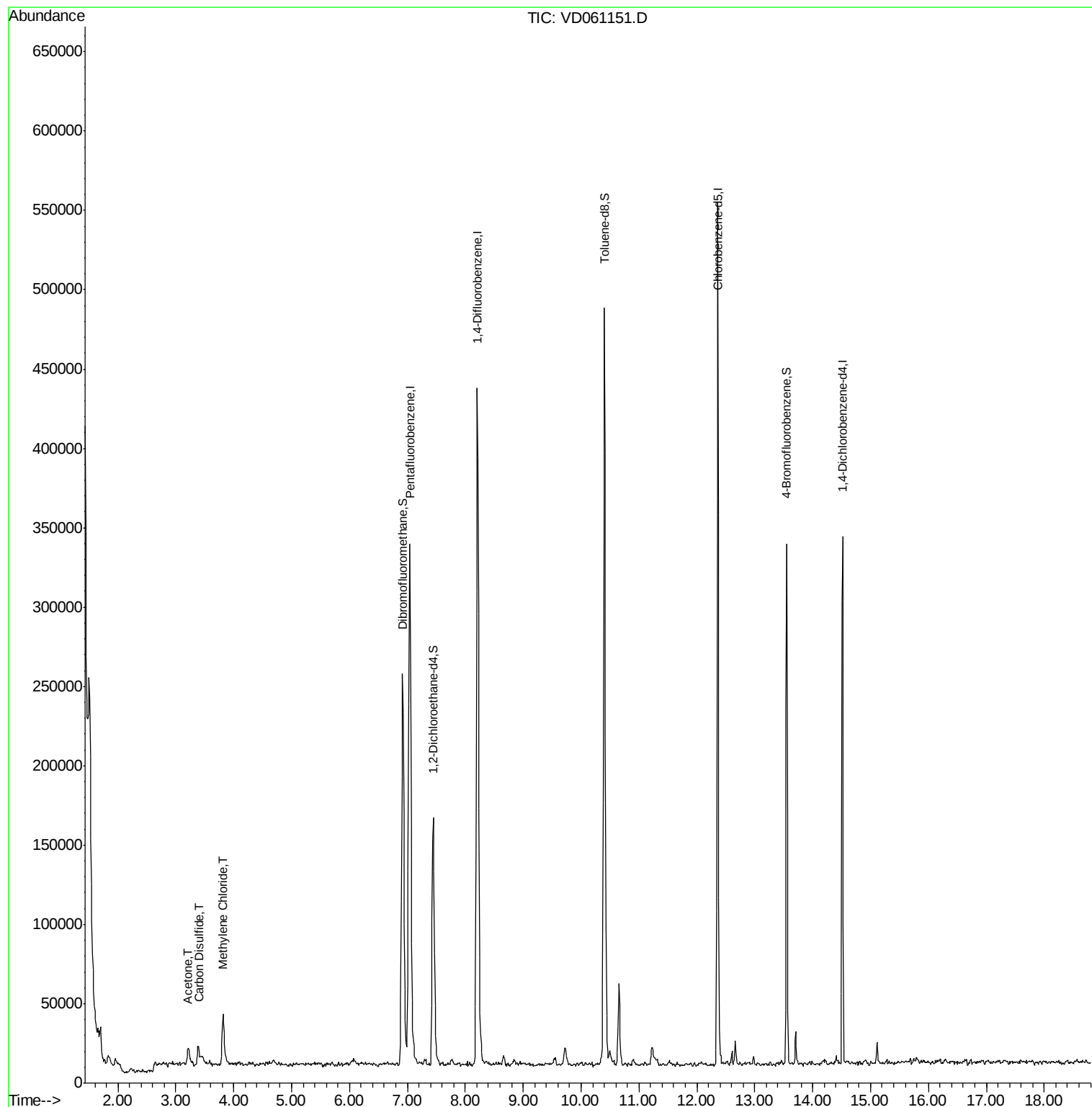
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	350588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	552053	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	334821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	83876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	144979	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
35) Dibromofluoromethane	6.92	113	231992	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
50) Toluene-d8	10.40	98	417812	40.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.22%	
62) 4-Bromofluorobenzene	13.55	95	104216	26.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.22%	
Target Compounds						
16) Acetone	3.21	43	21142	25.335	ug/l #	88
17) Carbon Disulfide	3.38	76	24738	2.084	ug/l	96
20) Methylene Chloride	3.82	84	25514	2.252	ug/l	92

(#) = 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# 571

Delta R.T. 0.00 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

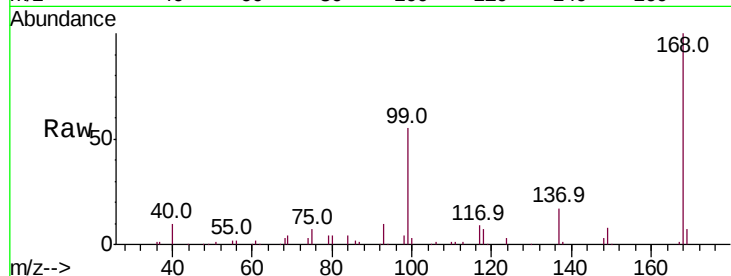
SB-18(14-15)

Tot Ion:168 Resp: 350588

Ion Ratio Lower Upper

168 100

99 55.4 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

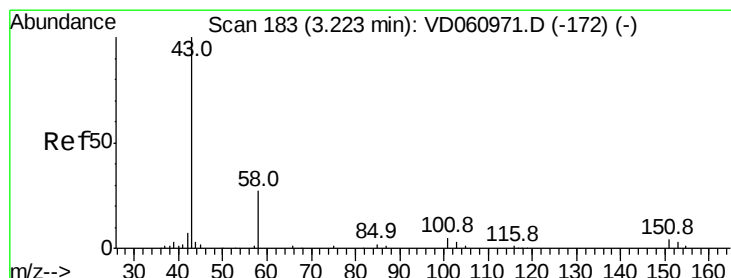
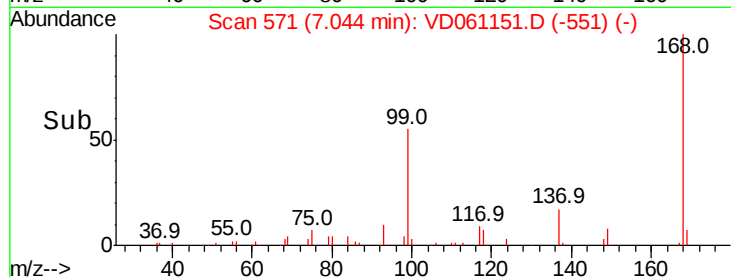
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 25.335 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061151.D

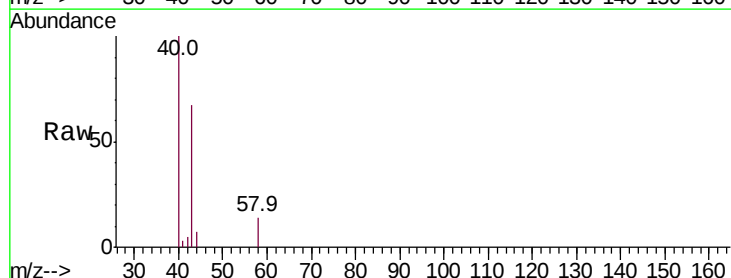
Acq: 18 Mar 2019 17:55

Tgt Ion: 43 Resp: 21142

Ion Ratio Lower Upper

43 100

58 21.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

8000

6000

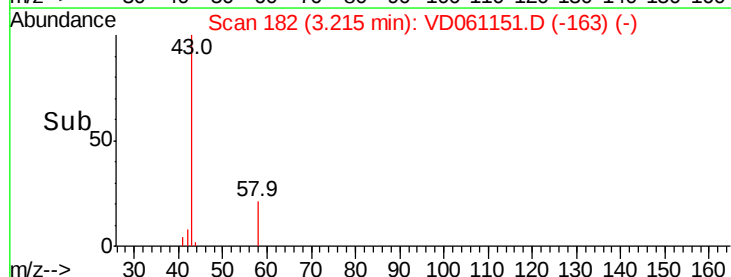
4000

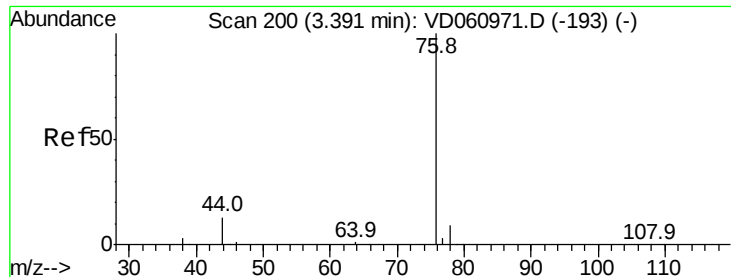
2000

0

Time-->

3.10 3.20 3.30





#17

Carbon Disulfide

Concen: 2.084 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

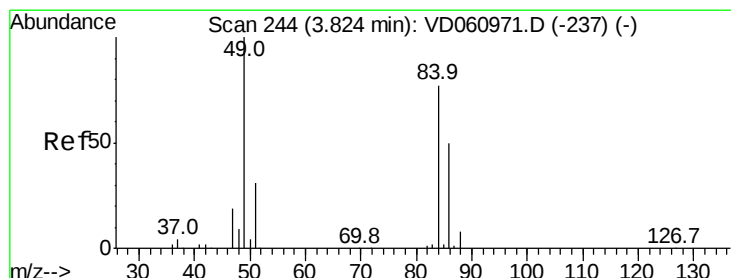
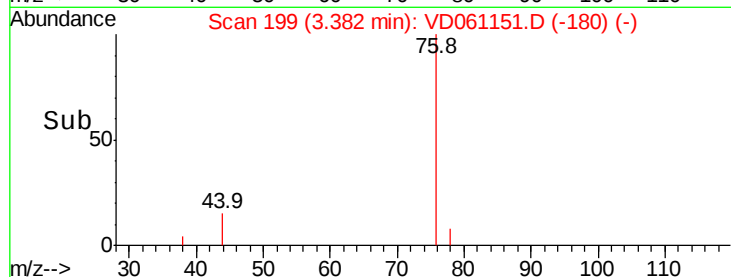
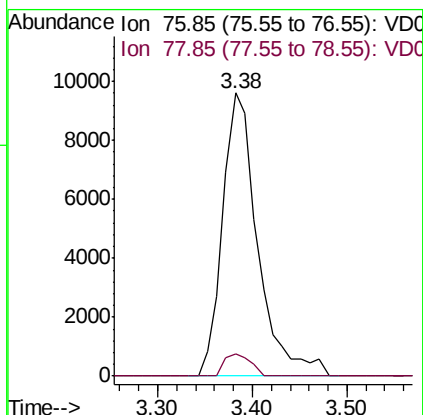
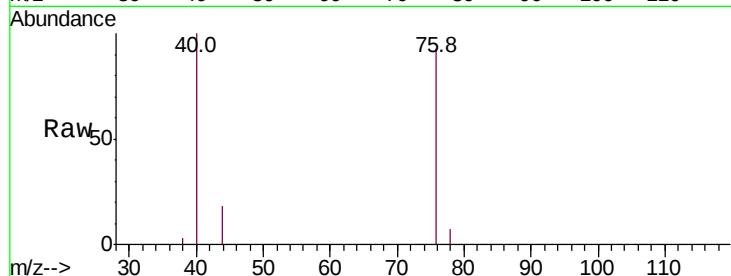
SB-18(14-15)

Tot Ion: 76 Resp: 24738

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.2



#20

Methylene Chloride

Concen: 2.252 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

Tgt Ion: 84 Resp: 25514

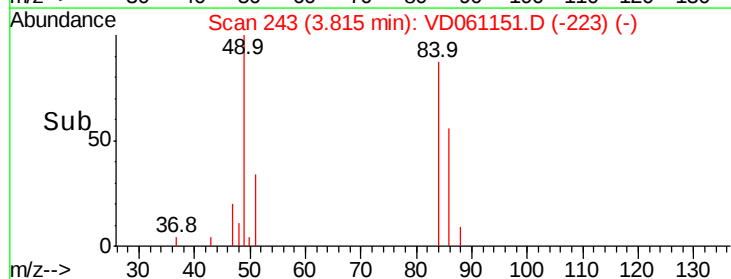
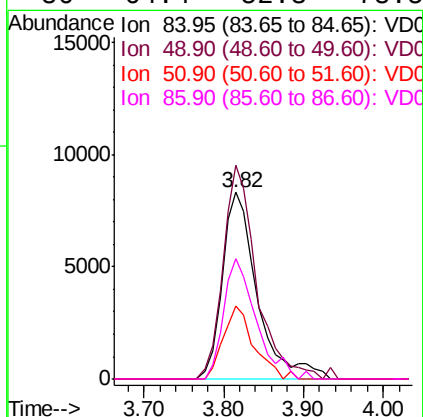
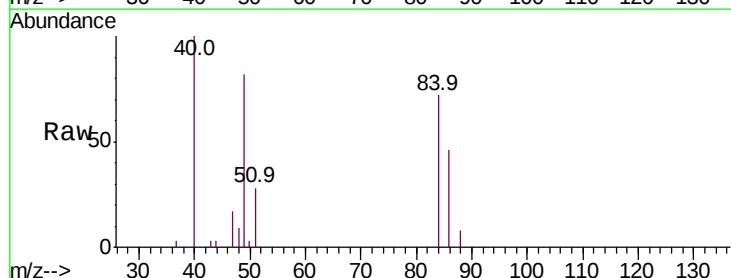
Ion Ratio Lower Upper

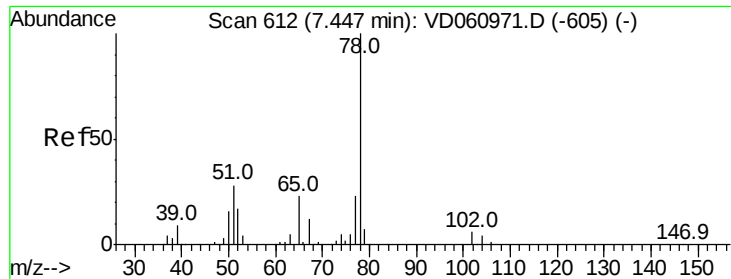
84 100

49 114.4 104.2 156.2

51 39.2 32.3 48.5

86 64.4 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

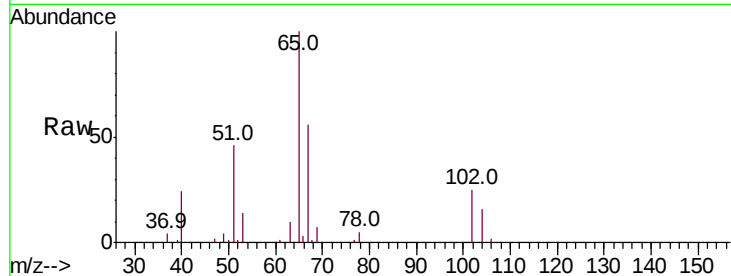
SB-18(14-15)

Tot Ion: 65 Resp: 144979

Ion Ratio Lower Upper

65 100

67 55.6 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

60000

50000

40000

30000

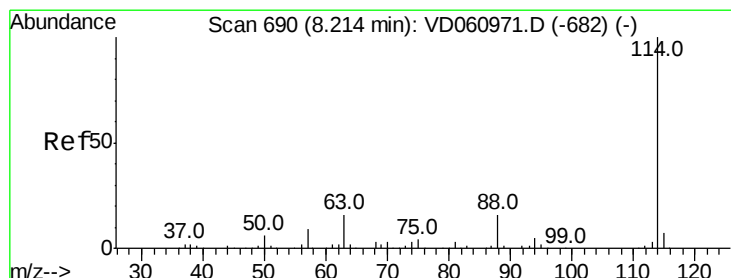
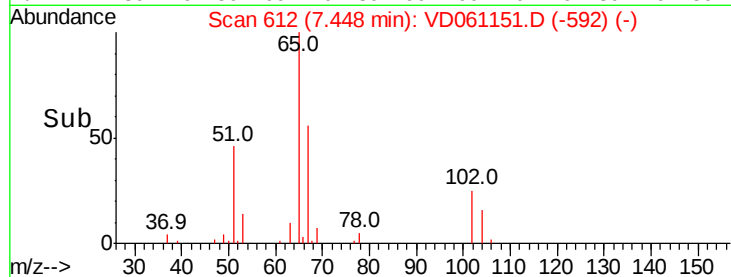
20000

10000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

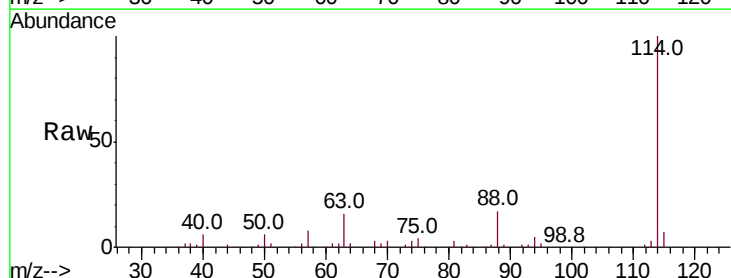
Tgt Ion:114 Resp: 552053

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.4

88 16.7 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

250000

200000

150000

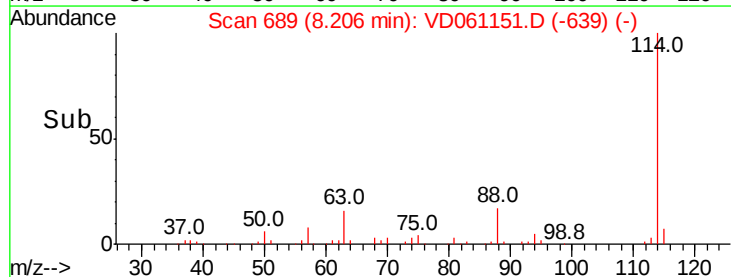
100000

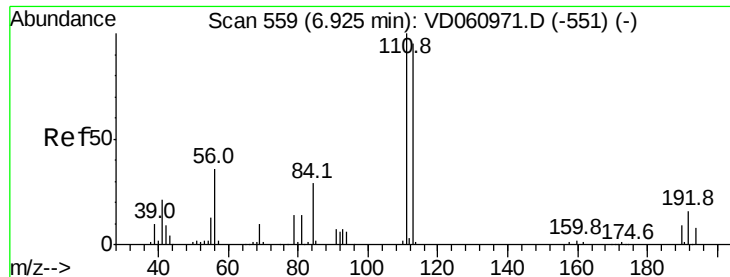
50000

0

8.00 8.20 8.40

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

SB-18(14-15)

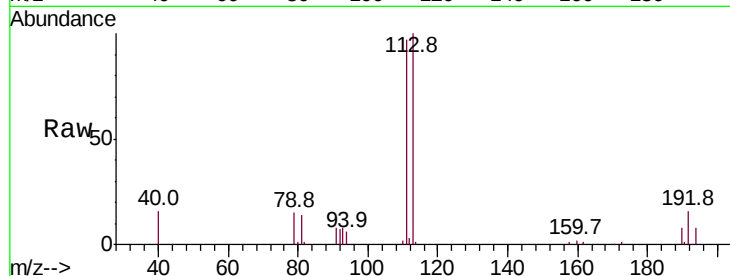
Tot Ion:113 Resp: 231992

Ion Ratio Lower Upper

113 100

111 97.4 84.2 126.4

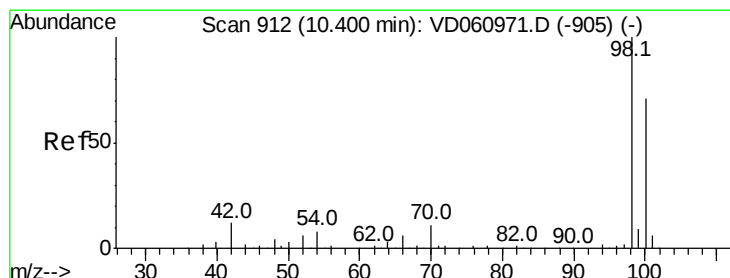
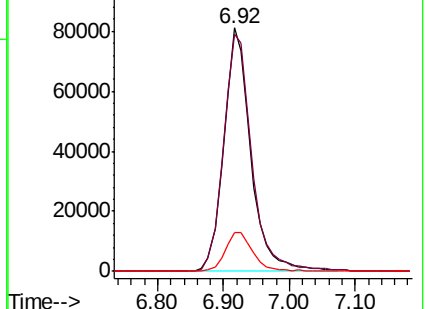
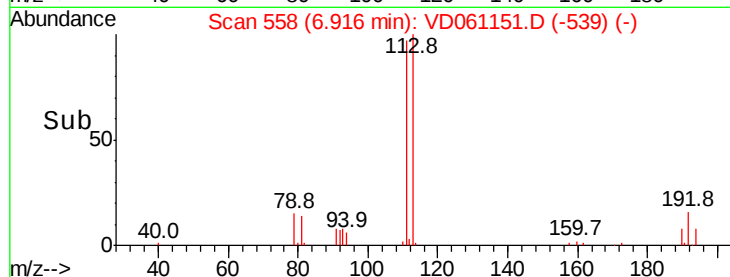
192 16.1 13.1 19.7



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: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061151.D

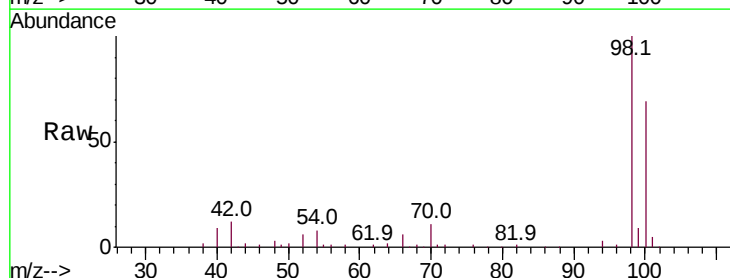
Acq: 18 Mar 2019 17:55

Tgt Ion: 98 Resp: 417812

Ion Ratio Lower Upper

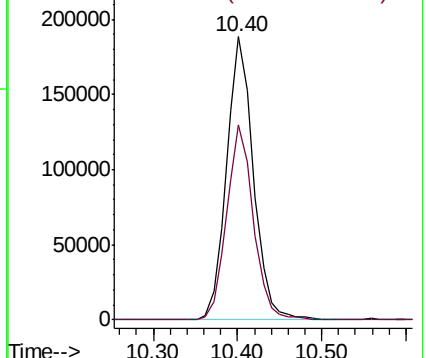
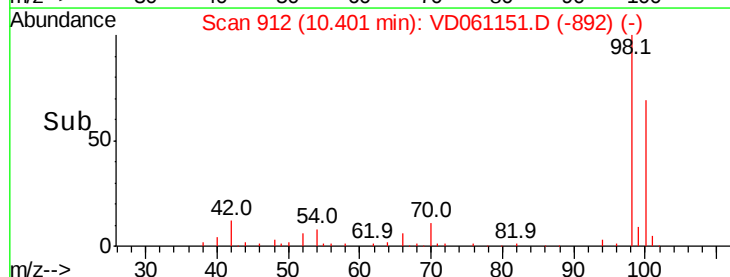
98 100

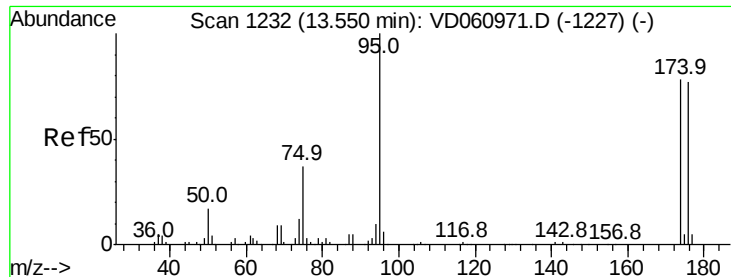
100 68.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

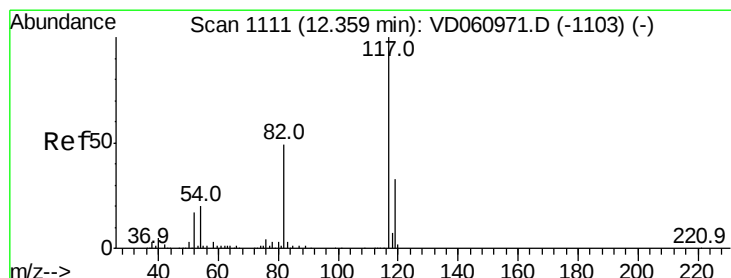
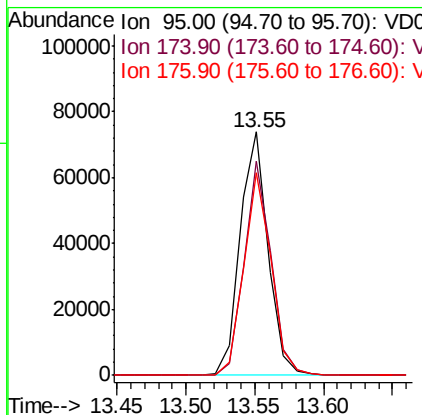
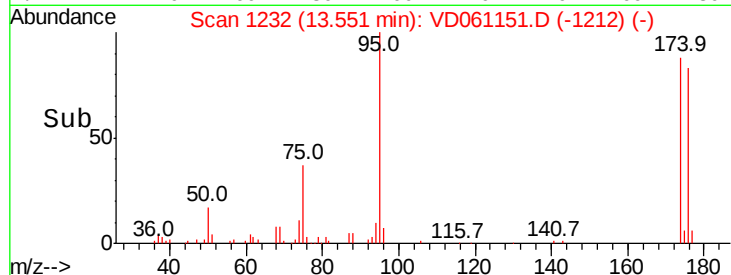
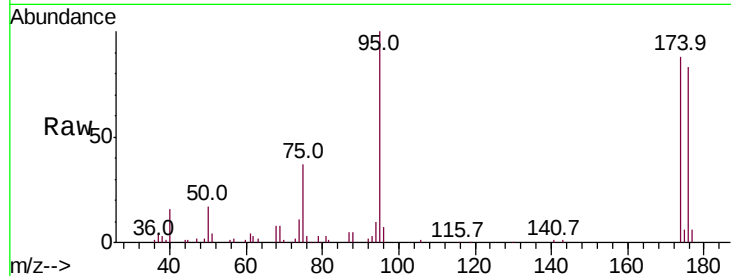




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VD061151.D
 Acq: 18 Mar 2019 17:55

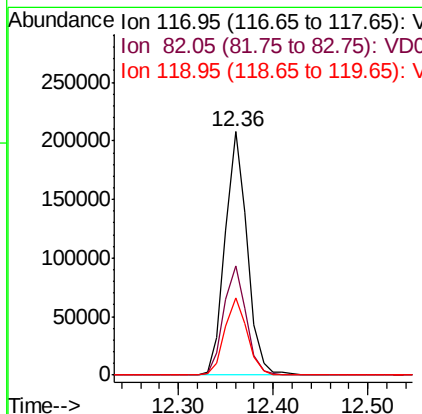
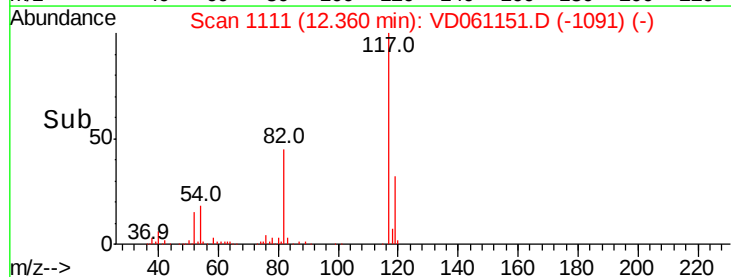
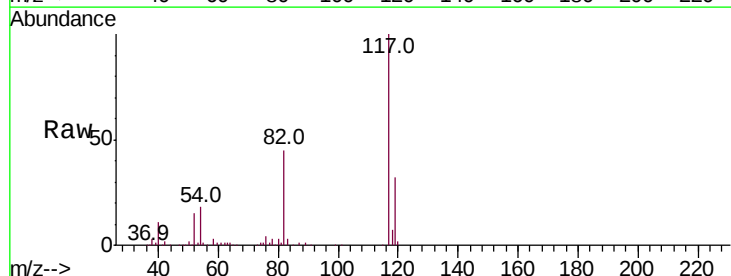
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-18(14-15)

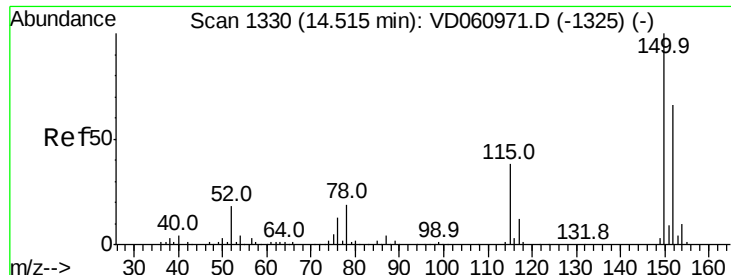
Tot Ion:	95	Resp:	104216
Ion	Ratio	Lower	Upper
95	100		
174	88.0	0.0	155.6
176	83.5	0.0	153.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD061151.D
 Acq: 18 Mar 2019 17:55

Tgt Ion:	117	Resp:	334821
Ion	Ratio	Lower	Upper
117	100		
82	44.9	38.9	58.3
119	31.7	26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061151.D

Acq: 18 Mar 2019 17:55

Instrument :

MSVOA_D

ClientSampleId :

SB-18(14-15)

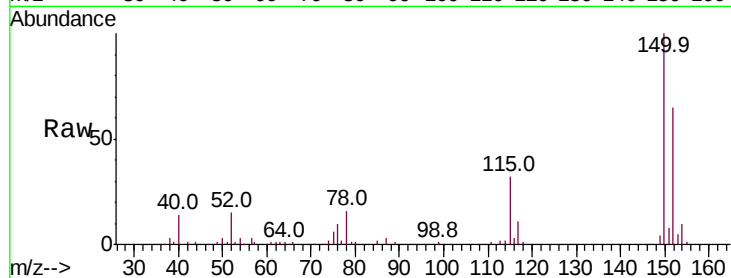
Tot Ion:152 Resp: 83876

Ion Ratio Lower Upper

152 100

115 49.2 28.6 85.9

150 154.9 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

