

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092418\
 Data File : VD060080.D
 Acq On : 24 Sep 2018 14:19
 Operator : VA/AP
 Sample : J5017-02RE
 Misc : 5.15g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056RE

Quant Time: Sep 25 01:30:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

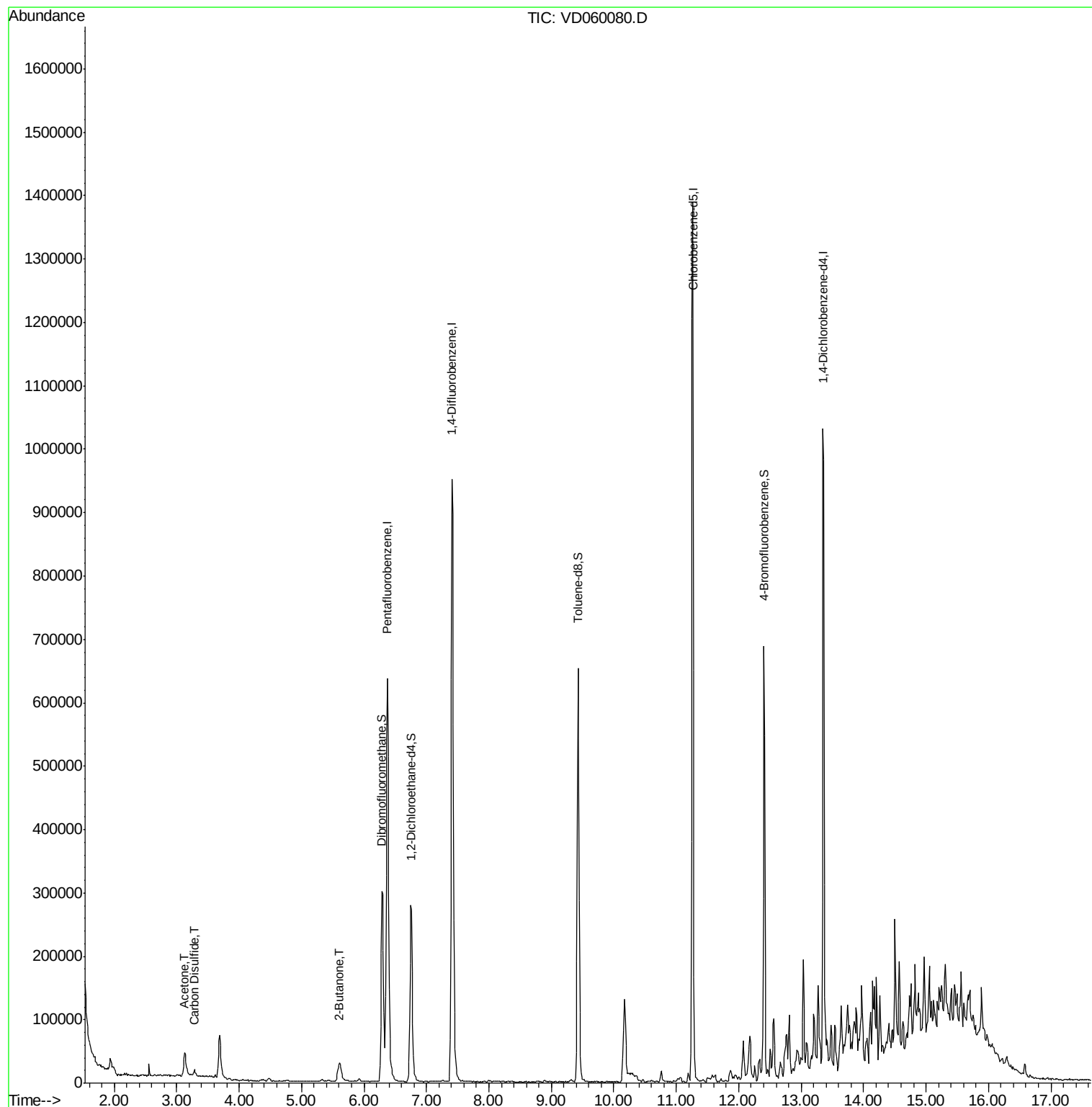
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	626143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.41	114	1020267	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.27	117	770041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	248794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	221621	45.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.78%	
35) Dibromofluoromethane	6.30	113	244054	30.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.24%	
50) Toluene-d8	9.43	98	515755	23.35	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	46.70%	
62) 4-Bromofluorobenzene	12.41	95	189262	22.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.86%	
Target Compounds						
16) Acetone	3.13	43	76692	81.350	ug/l	98
17) Carbon Disulfide	3.28	76	11906	1.341	ug/l	100
25) 2-Butanone	5.59	43	41930	16.482	ug/l	92

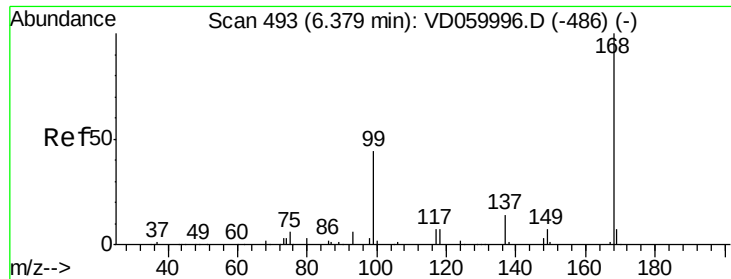
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092418\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.00 min

Lab File: VD060080.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_D

ClientSampleId :

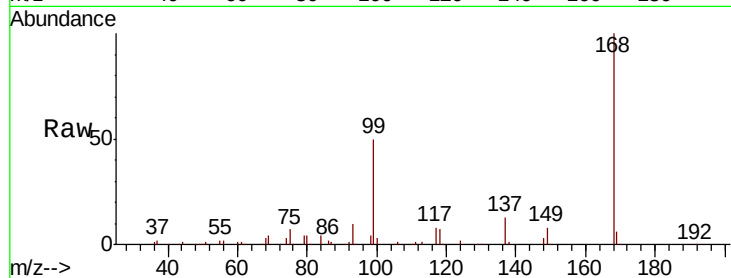
RA-091918-N-FL-056RE

Tot Ion:168 Resp: 626143

Ion Ratio Lower Upper

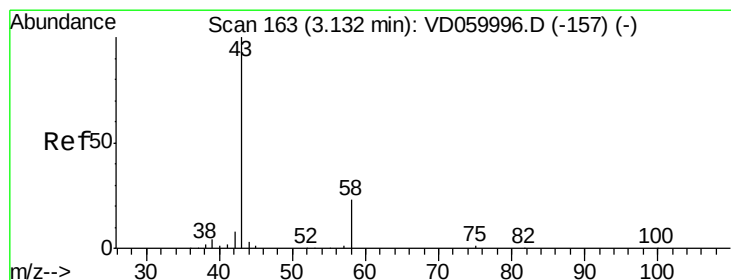
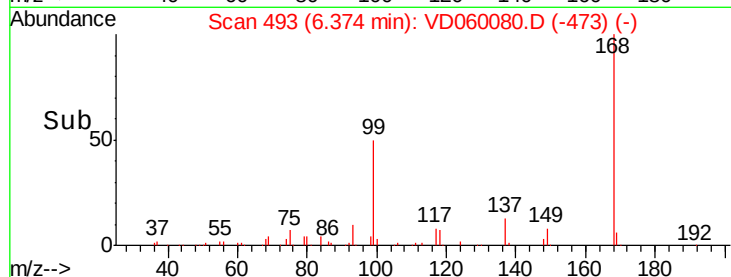
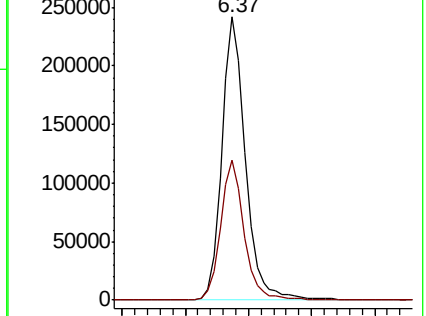
168 100

99 49.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 81.350 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD060080.D

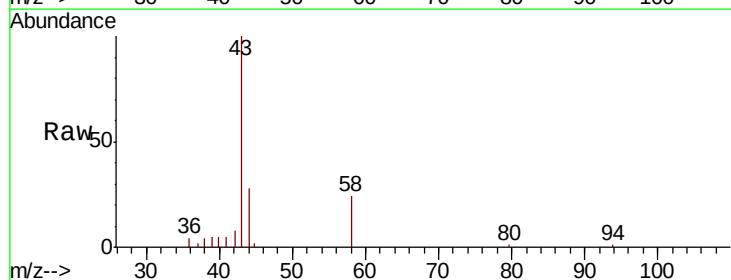
Acq: 24 Sep 2018 14:19

Tgt Ion: 43 Resp: 76692

Ion Ratio Lower Upper

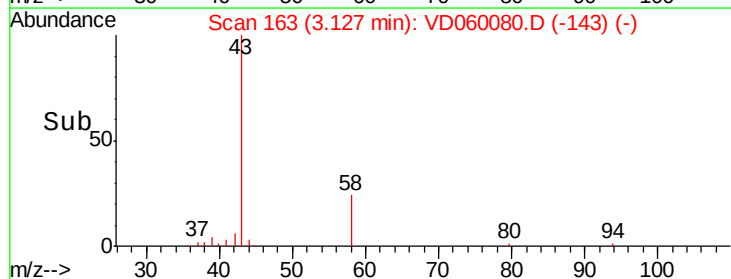
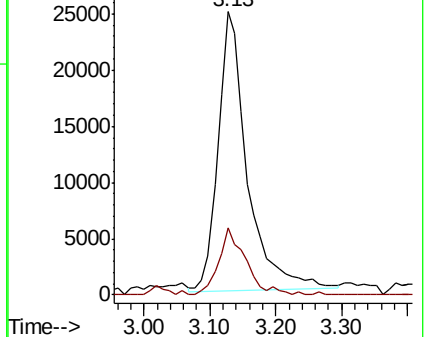
43 100

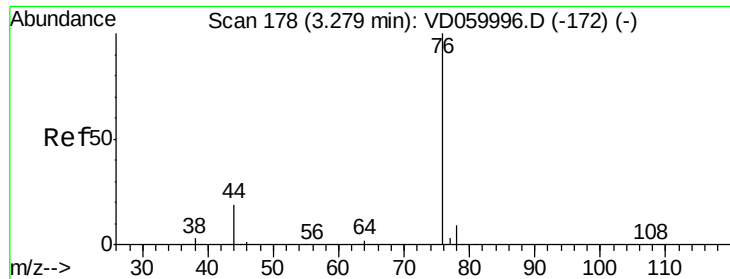
58 23.8 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.341 ug/l

RT: 3.28 min Scan# 179

Delta R.T. 0.01 min

Lab File: VD060080.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_D

ClientSampleId :

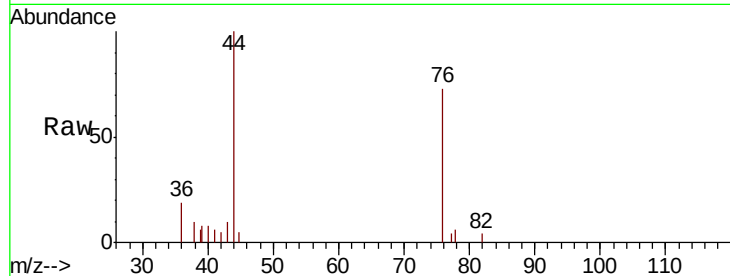
RA-091918-N-FL-056RE

Tot Ion: 76 Resp: 11906

Ion Ratio Lower Upper

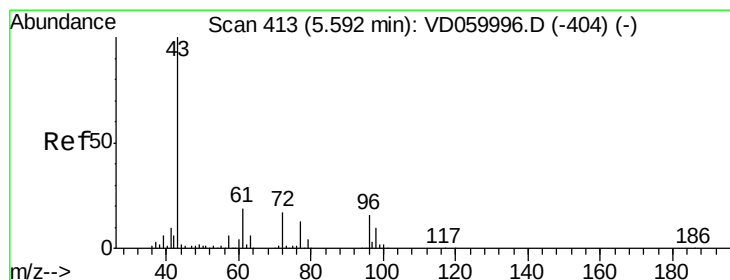
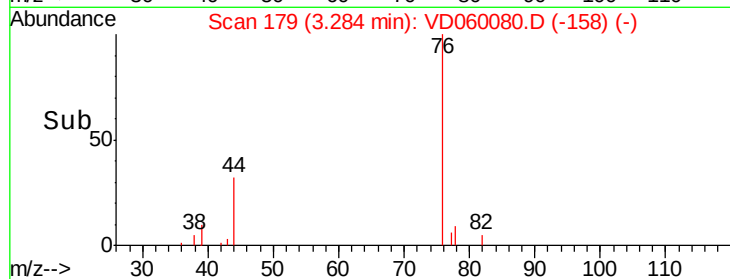
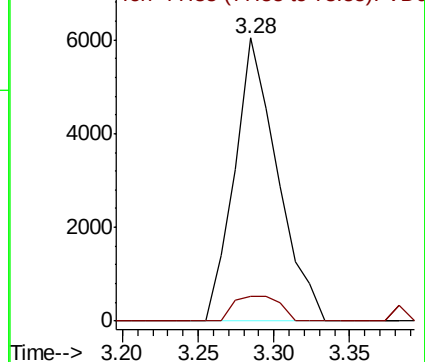
76 100

78 8.7 7.0 10.4



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 16.482 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.00 min

Lab File: VD060080.D

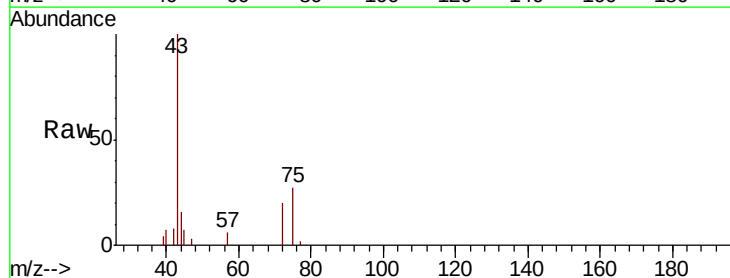
Acq: 24 Sep 2018 14:19

Tgt Ion: 43 Resp: 41930

Ion Ratio Lower Upper

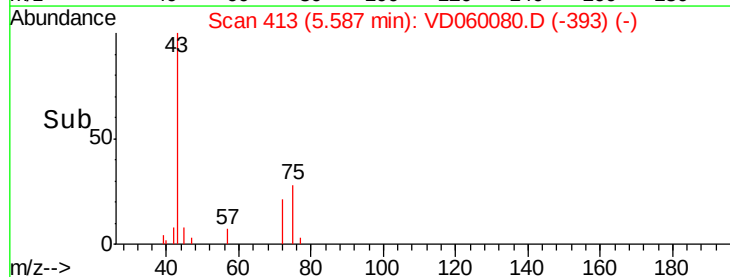
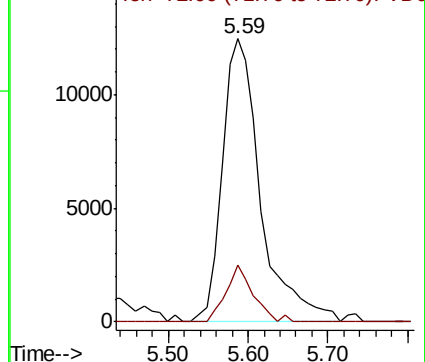
43 100

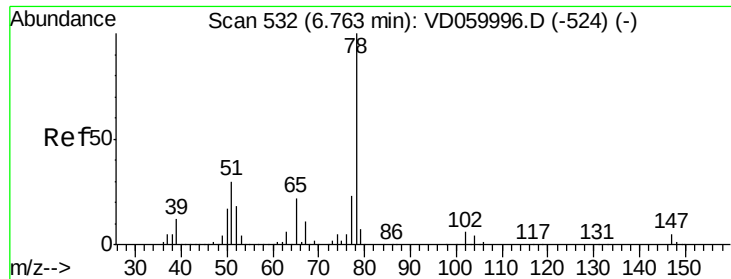
72 20.3 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

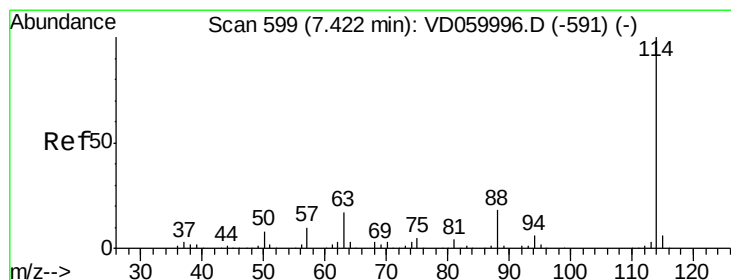
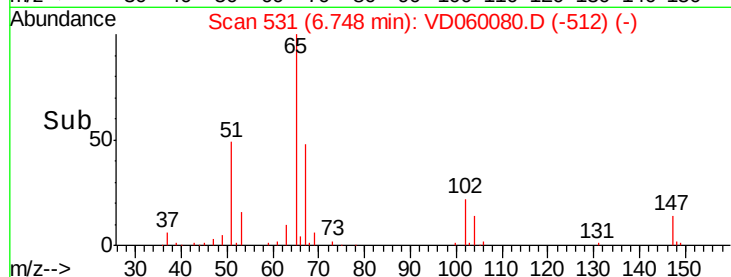
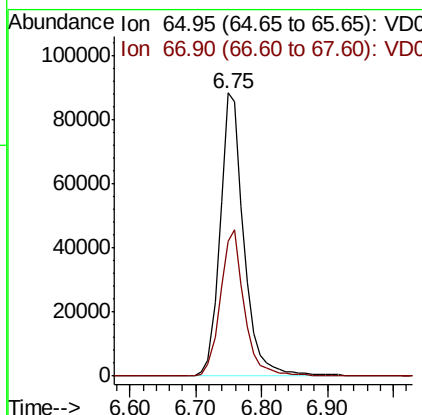
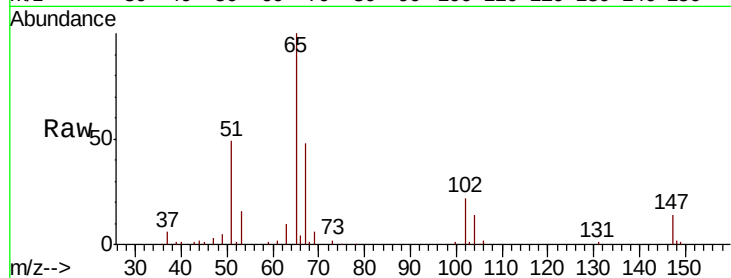




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.75 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VD060080.D
 Acq: 24 Sep 2018 14:19

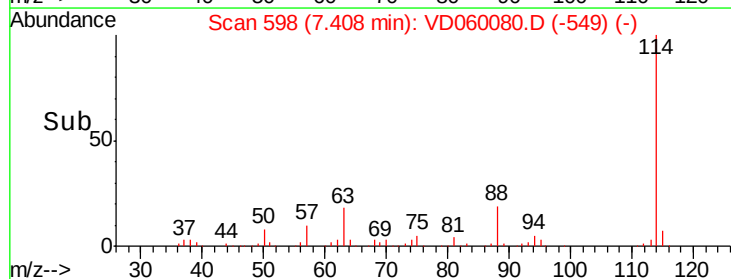
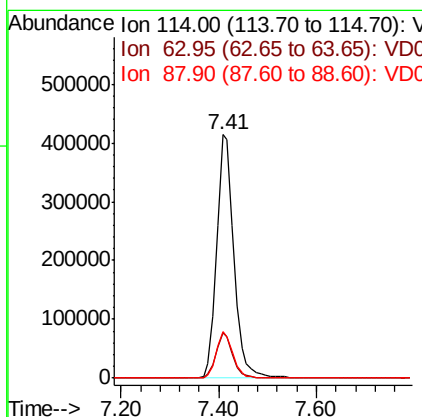
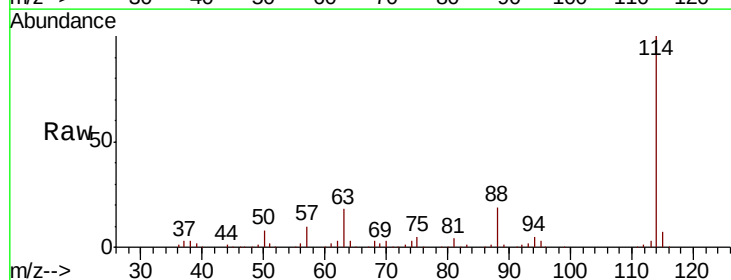
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056RE

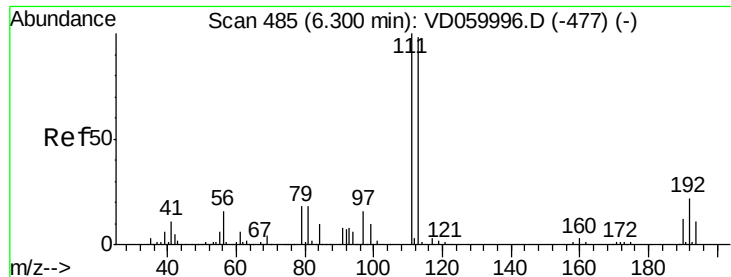
Tot Ion: 65 Resp: 221621
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: VD060080.D
 Acq: 24 Sep 2018 14:19

Tgt Ion: 114 Resp: 1020267
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.4
 88 18.9 0.0 35.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 485

Delta R.T. -0.00 min

Lab File: VD060080.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-N-FL-056RE

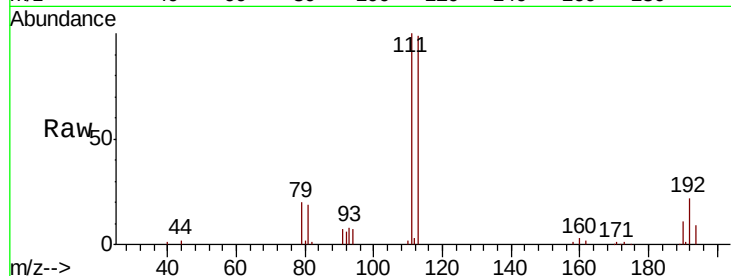
Tot Ion:113 Resp: 244054

Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

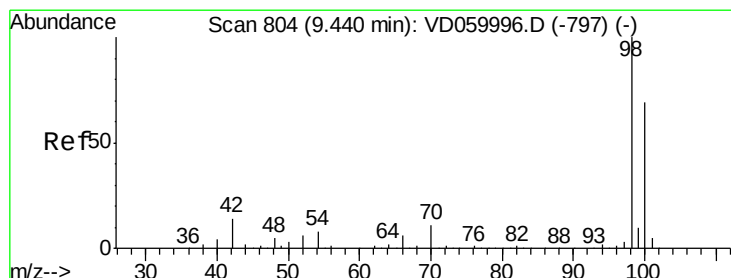
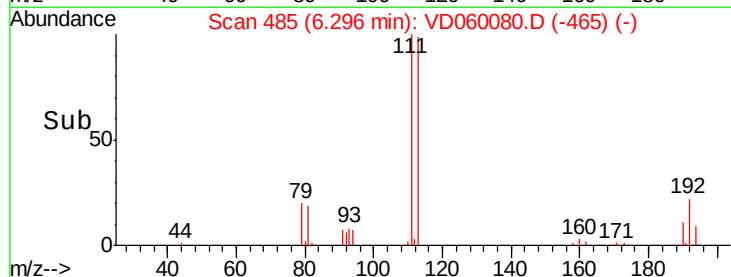
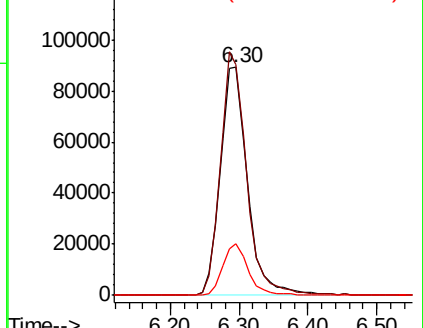
192 22.7 18.1 27.1



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: 9.43 min Scan# 803

Delta R.T. -0.01 min

Lab File: VD060080.D

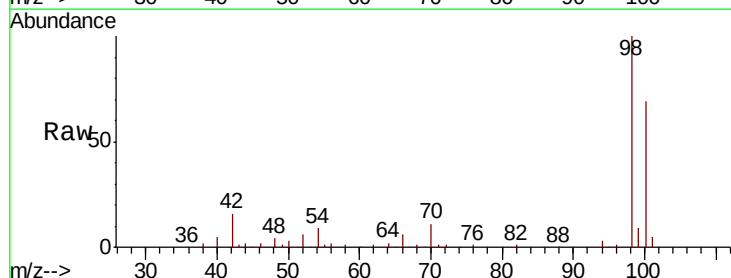
Acq: 24 Sep 2018 14:19

Tgt Ion: 98 Resp: 515755

Ion Ratio Lower Upper

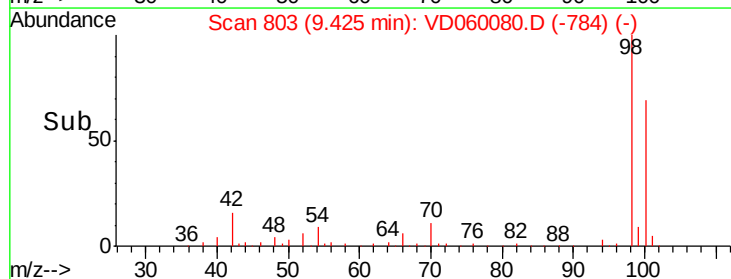
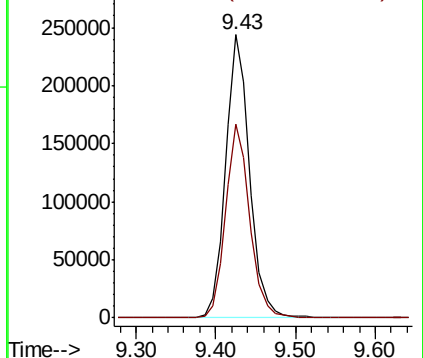
98 100

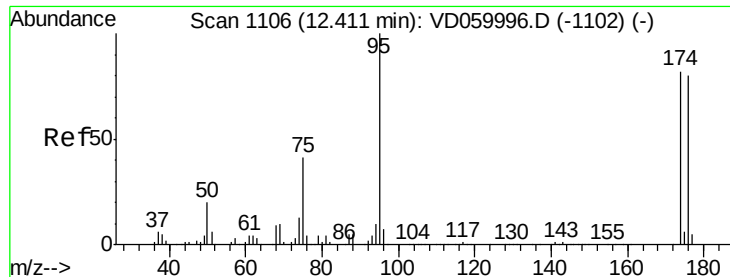
100 68.7 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD060080.D

Acq: 24 Sep 2018 14:19

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-N-FL-056RE

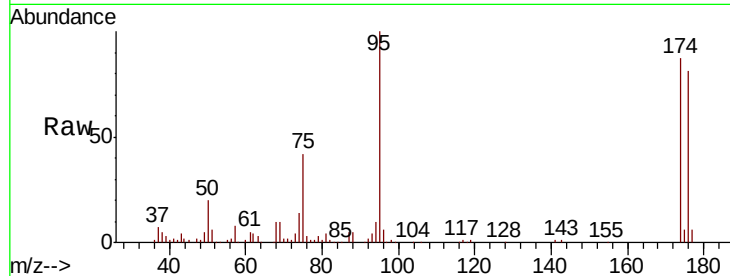
Tot Ion: 95 Resp: 189262

Ion Ratio Lower Upper

95 100

174 86.6 0.0 165.0

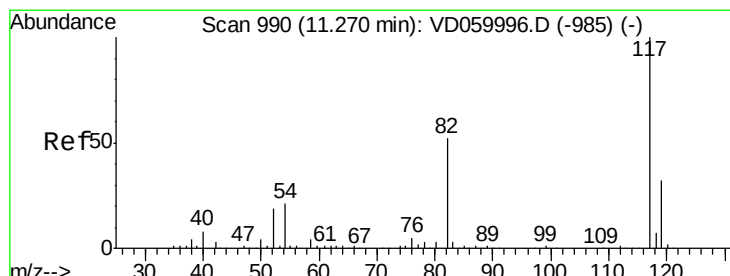
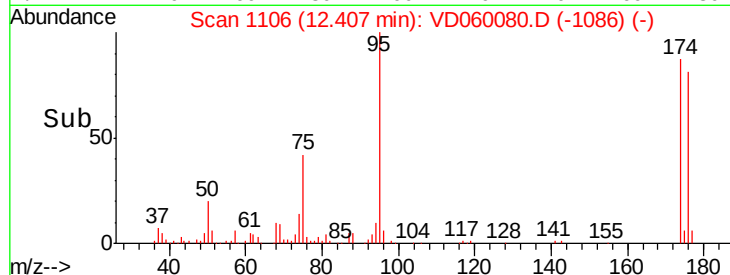
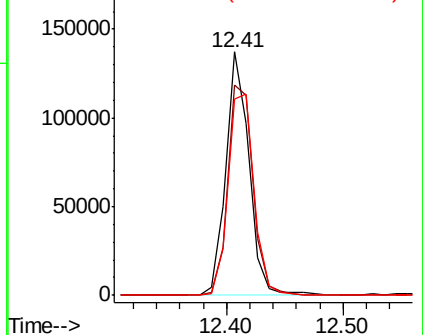
176 80.7 0.0 160.2



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: 11.27 min Scan# 990

Delta R.T. -0.00 min

Lab File: VD060080.D

Acq: 24 Sep 2018 14:19

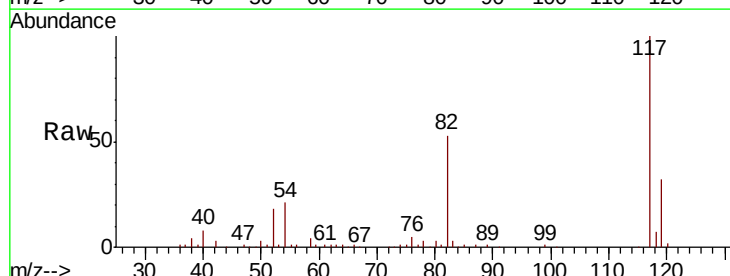
Tgt Ion: 117 Resp: 770041

Ion Ratio Lower Upper

117 100

82 52.7 41.7 62.5

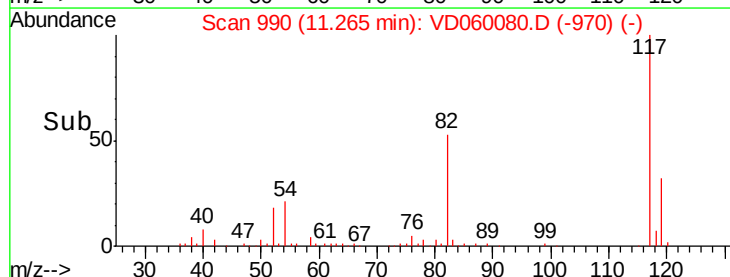
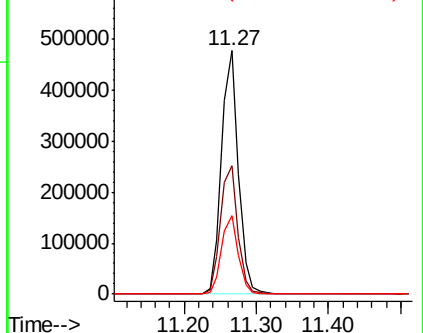
119 32.3 26.0 39.0

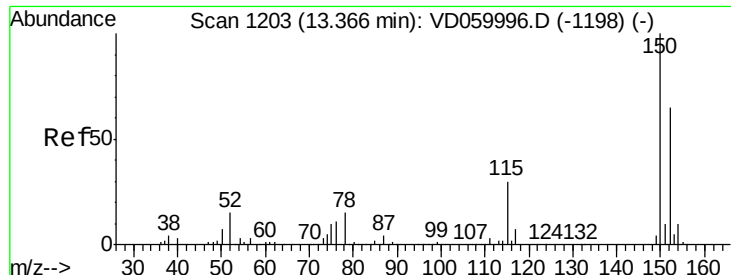


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

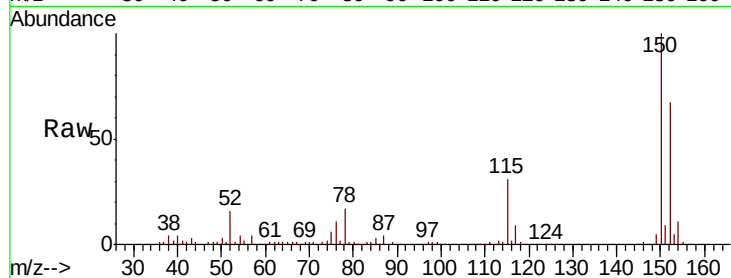




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: VD060080.D
 Acq: 24 Sep 2018 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	46.2	24.6	73.8
150	149.6	0.0	313.4



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

