

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092118\
 Data File : VD060073.D
 Acq On : 21 Sep 2018 16:03
 Operator : VA/AP
 Sample : J5017-07RE
 Misc : 5.09/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-061RE

Quant Time: Sep 22 02:00:18 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

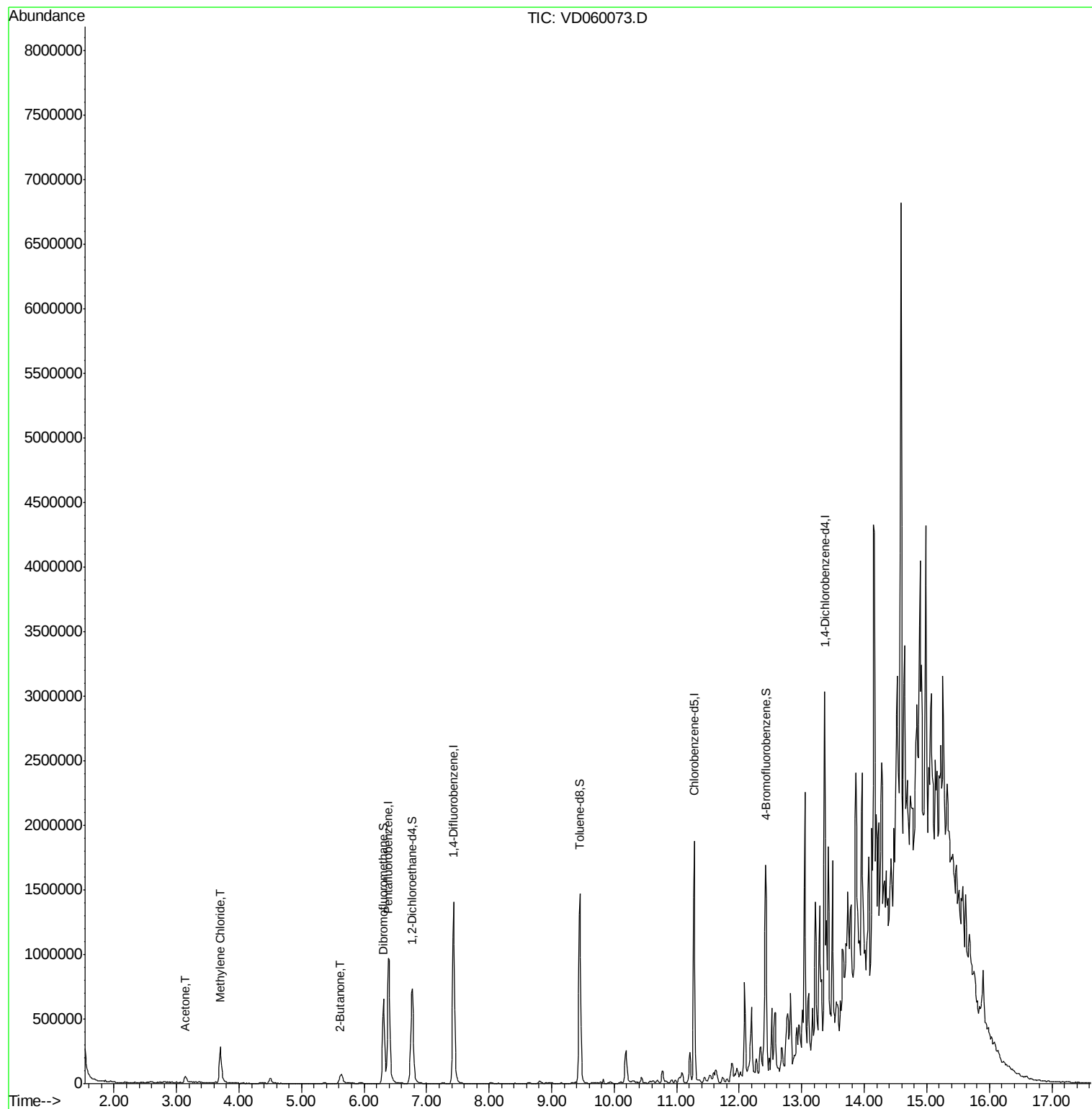
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	991681	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1435031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	991788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	369424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	358134	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
35) Dibromofluoromethane	6.31	113	496335	44.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.54%	
50) Toluene-d8	9.45	98	1175948	37.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.70%	
62) 4-Bromofluorobenzene	12.42	95	377838	31.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.66%	
Target Compounds						
16) Acetone	3.14	43	103236	69.142	ug/l	100
20) Methylene Chloride	3.70	84	160503	9.230	ug/l	98
25) 2-Butanone	5.60	43	61496	15.263	ug/l	98

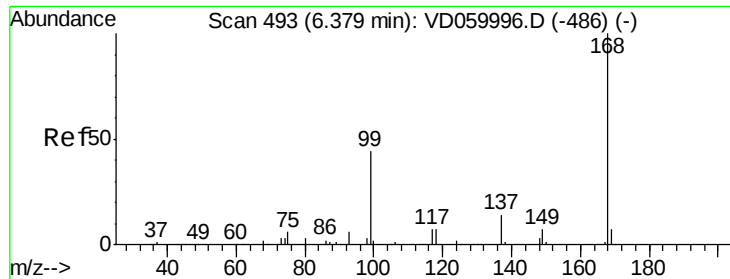
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060073.D

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Instrument :

MSVOA_D

ClientSampleId :

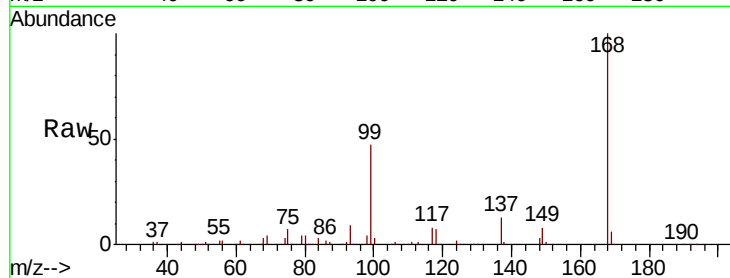
RA-091918-S-NW-061RE

Tot Ion:168 Resp: 991681

Ion Ratio Lower Upper

168 100

99 46.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

400000

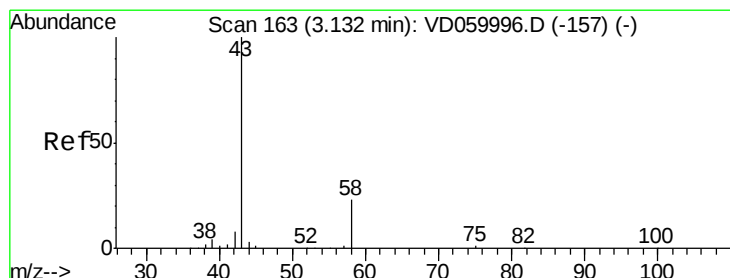
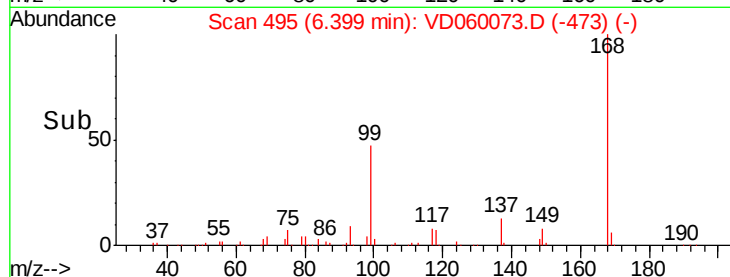
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 69.142 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060073.D

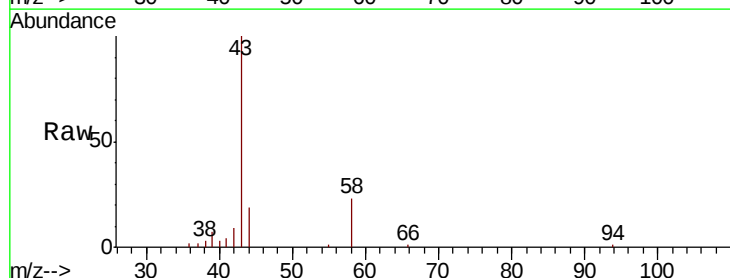
Acq: 21 Sep 2018 16:03

Tgt Ion: 43 Resp: 103236

Ion Ratio Lower Upper

43 100

58 22.8 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.14

40000

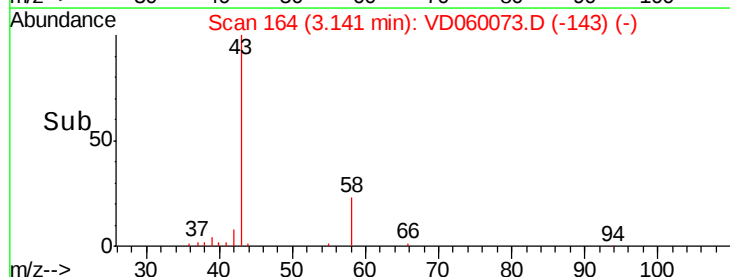
30000

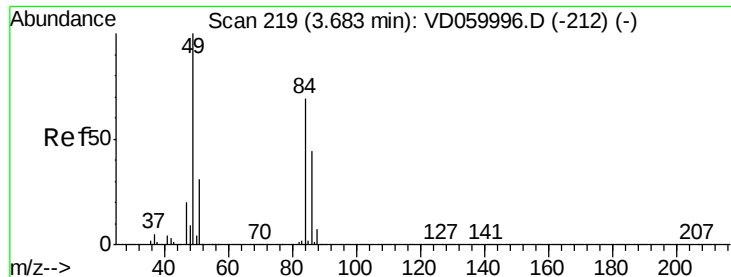
20000

10000

0

Time-->

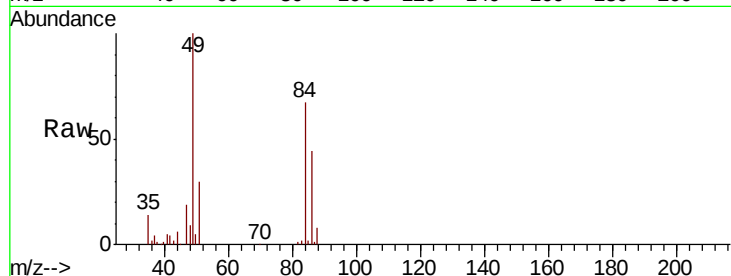




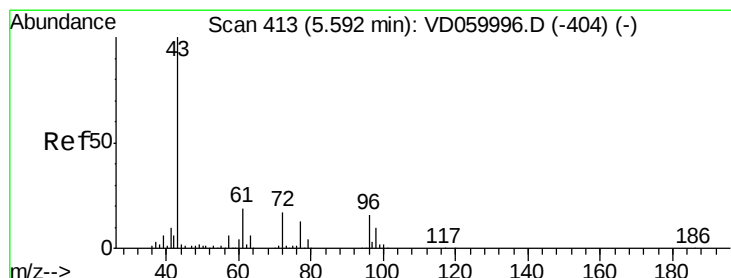
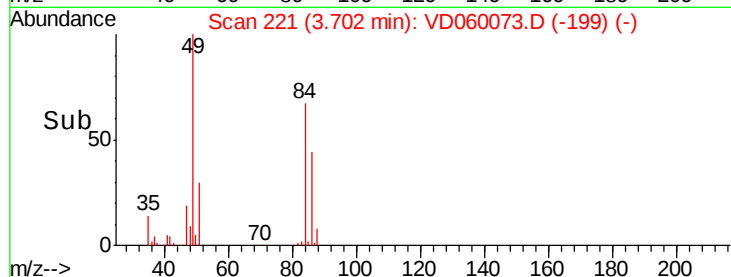
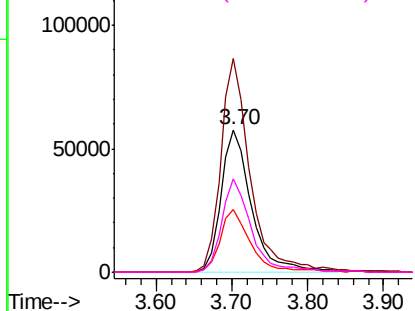
#20
Methylene Chloride
Concen: 9.230 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.02 min
Lab File: VD060073.D
Acq: 21 Sep 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-061RE

Tot Ion: 84 Resp: 160503
Ion Ratio Lower Upper
84 100
49 149.8 116.6 175.0
51 44.3 35.9 53.9
86 65.8 51.8 77.6

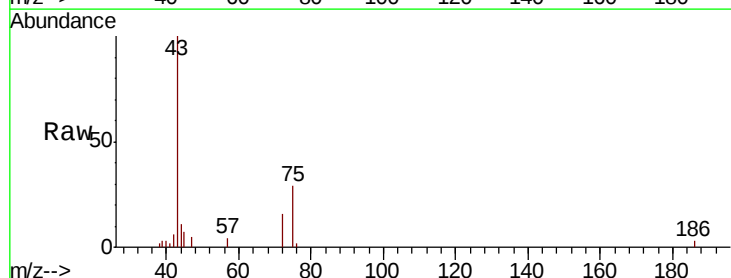


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

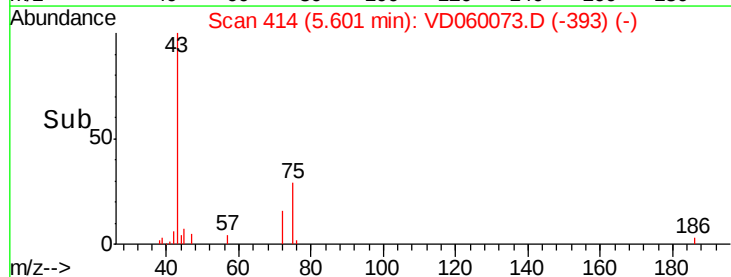
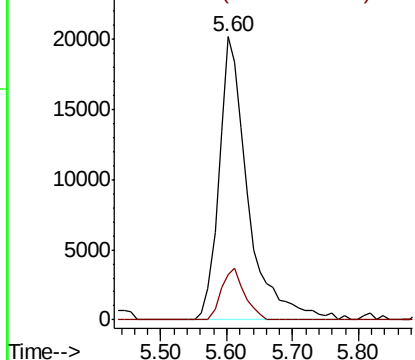


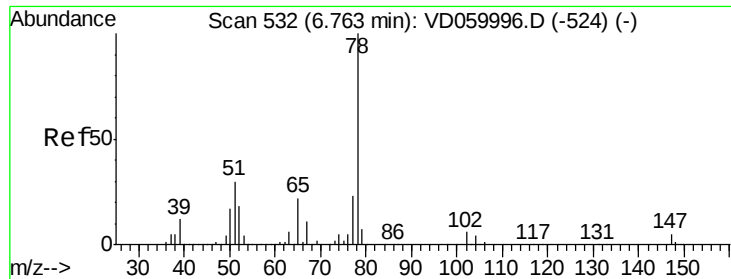
#25
2-Butanone
Concen: 15.263 ug/l
RT: 5.60 min Scan# 414
Delta R.T. 0.01 min
Lab File: VD060073.D
Acq: 21 Sep 2018 16:03

Tgt Ion: 43 Resp: 61496
Ion Ratio Lower Upper
43 100
72 16.0 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

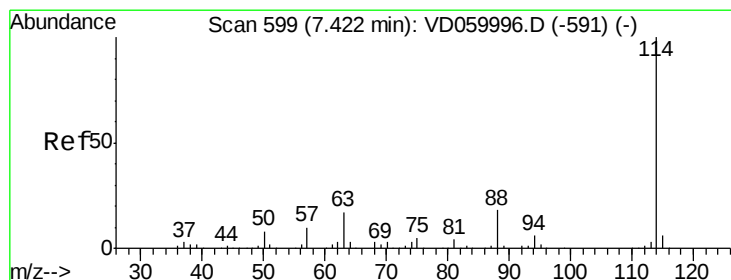
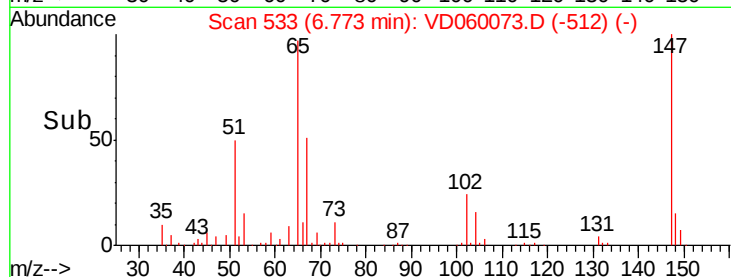
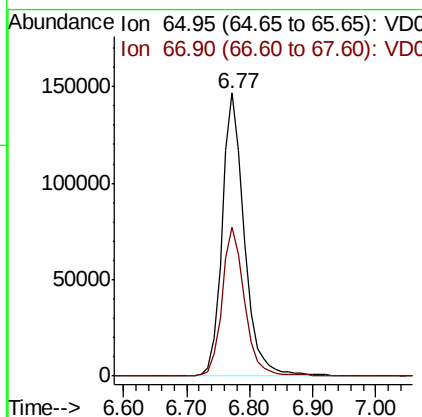
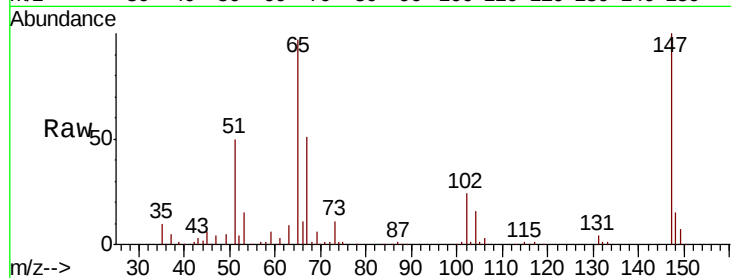




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. 0.01 min
 Lab File: VD060073.D
 Acq: 21 Sep 2018 16:03

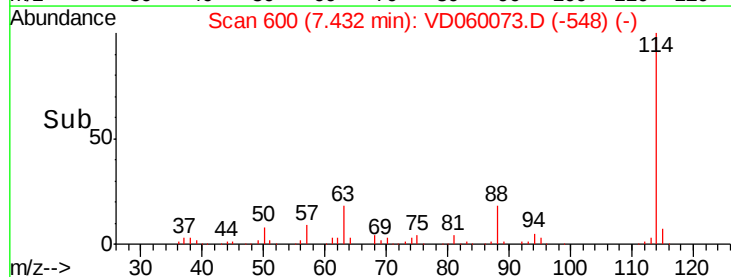
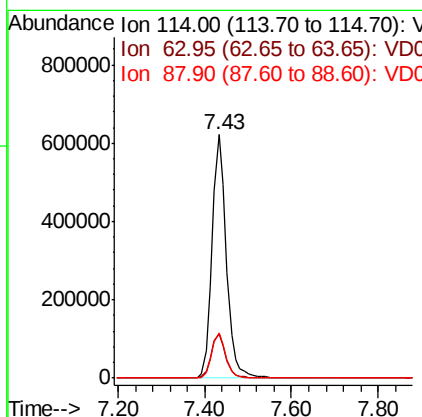
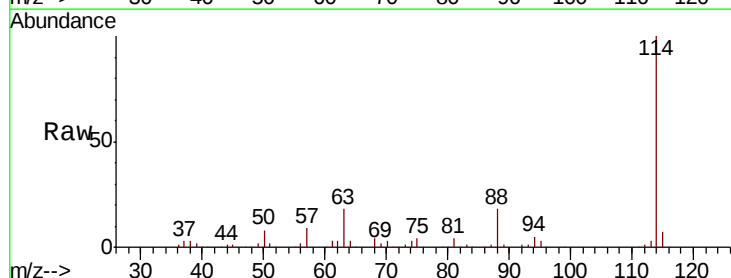
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-061RE

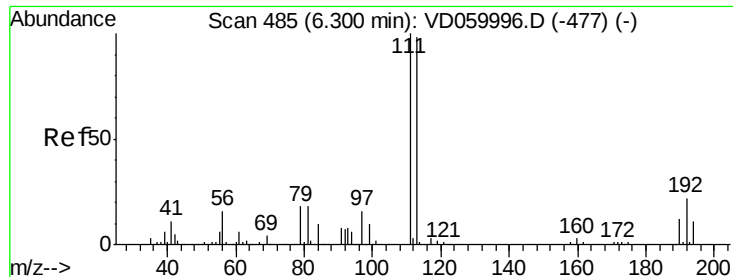
Tot Ion: 65 Resp: 358134
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060073.D
 Acq: 21 Sep 2018 16:03

Tgt Ion: 114 Resp: 1435031
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 18.4 0.0 35.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060073.D

Acq: 21 Sep 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-NW-061RE

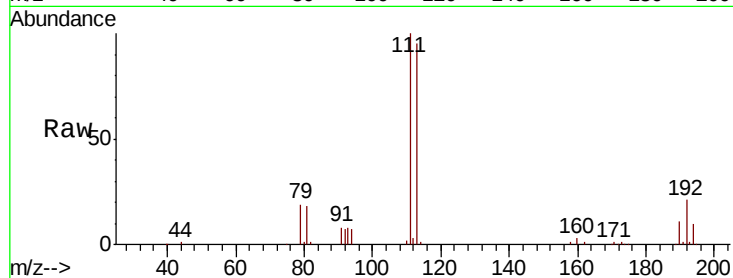
Tot Ion:113 Resp: 496335

Ion Ratio Lower Upper

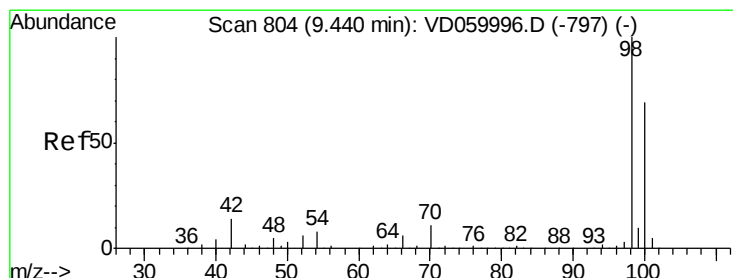
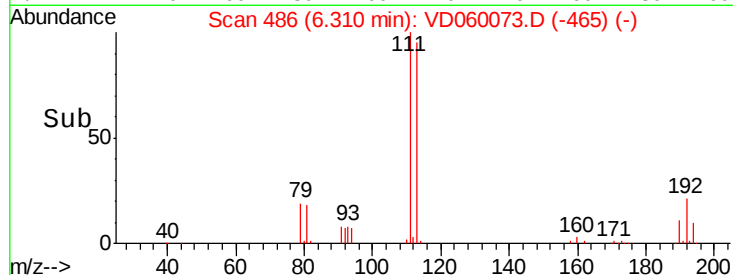
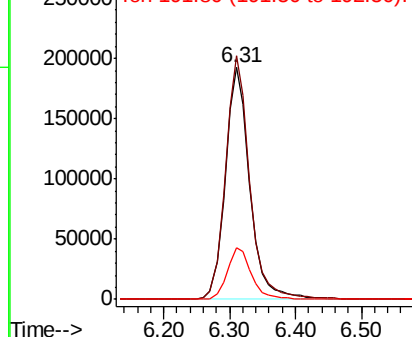
113 100

111 105.1 81.3 121.9

192 22.1 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: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060073.D

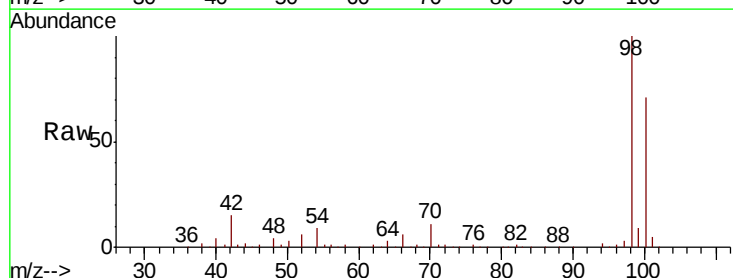
Acq: 21 Sep 2018 16:03

Tgt Ion: 98 Resp: 1175948

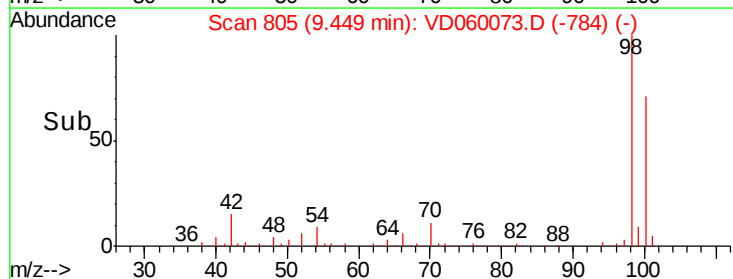
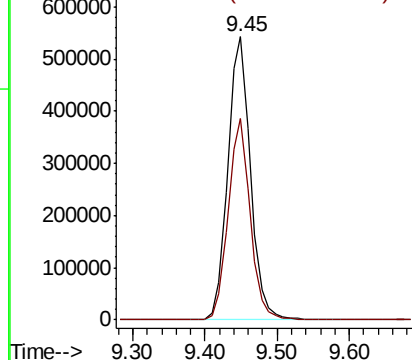
Ion Ratio Lower Upper

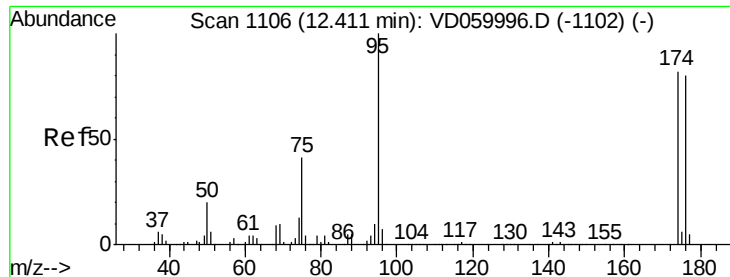
98 100

100 71.1 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

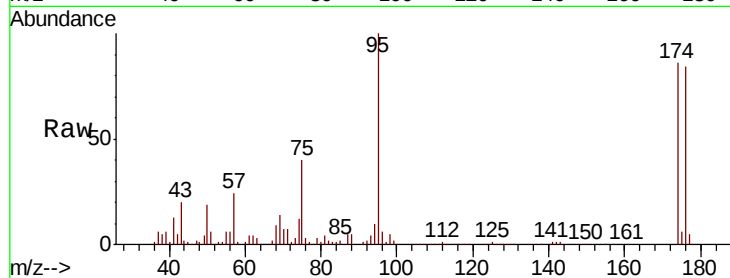




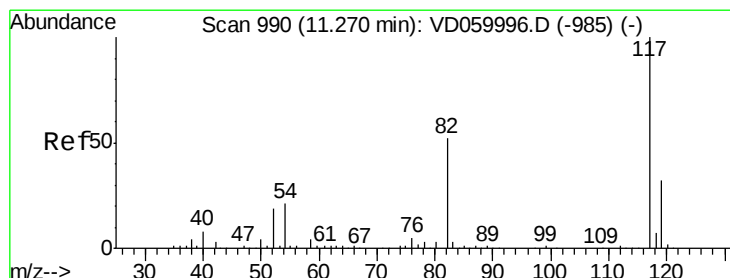
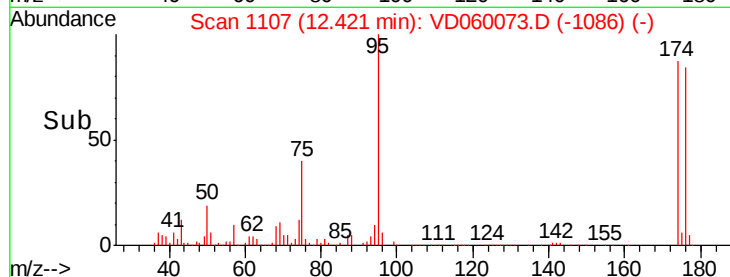
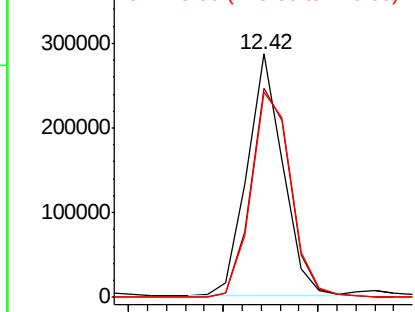
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060073.D
Acq: 21 Sep 2018 16:03

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-061RE

Tot Ion: 95 Resp: 377838
Ion Ratio Lower Upper
95 100
174 86.1 0.0 165.0
176 84.1 0.0 160.2

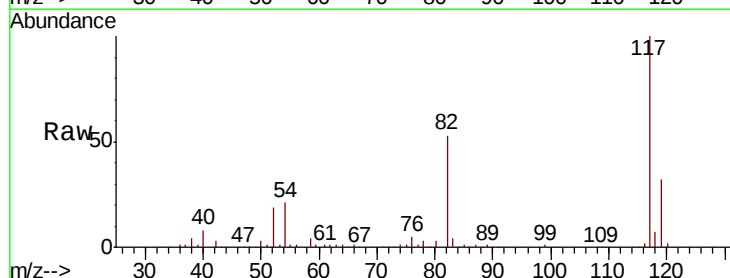


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

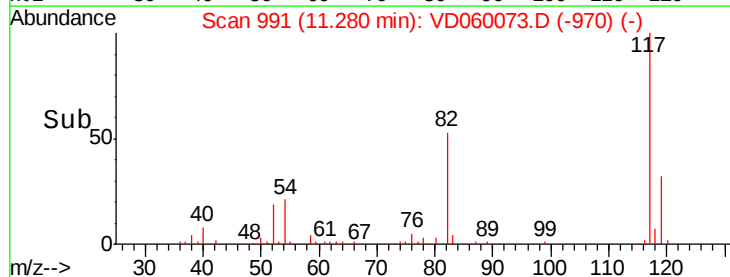
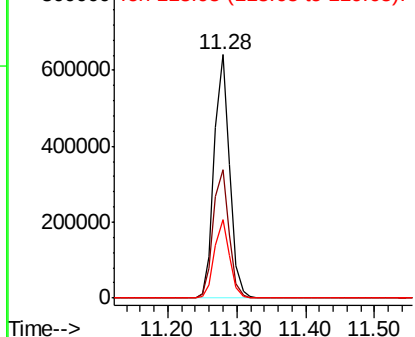


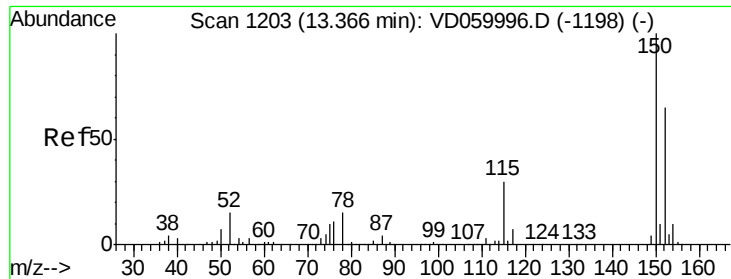
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060073.D
Acq: 21 Sep 2018 16:03

Tgt Ion: 117 Resp: 991788
Ion Ratio Lower Upper
117 100
82 52.9 41.7 62.5
119 32.2 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: 13.37 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD060073.D

Acq: 21 Sep 2018 16:03

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-NW-061RE

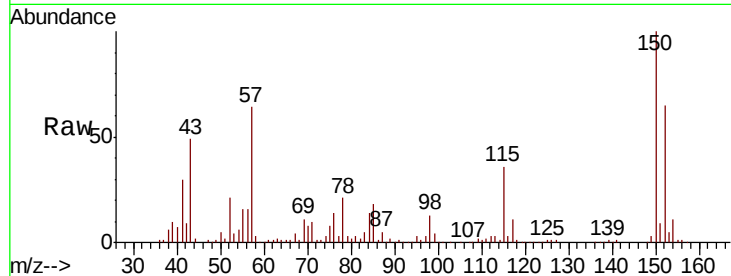
Tot Ion:152 Resp: 369424

Ion Ratio Lower Upper

152 100

115 55.1 24.6 73.8

150 154.6 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

