

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092418\
 Data File : VD060084.D
 Acq On : 24 Sep 2018 16:12
 Operator : VA/AP
 Sample : J5017-01RE
 Misc : 5.05µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-NW-055RE

Quant Time: Sep 25 01:41:06 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

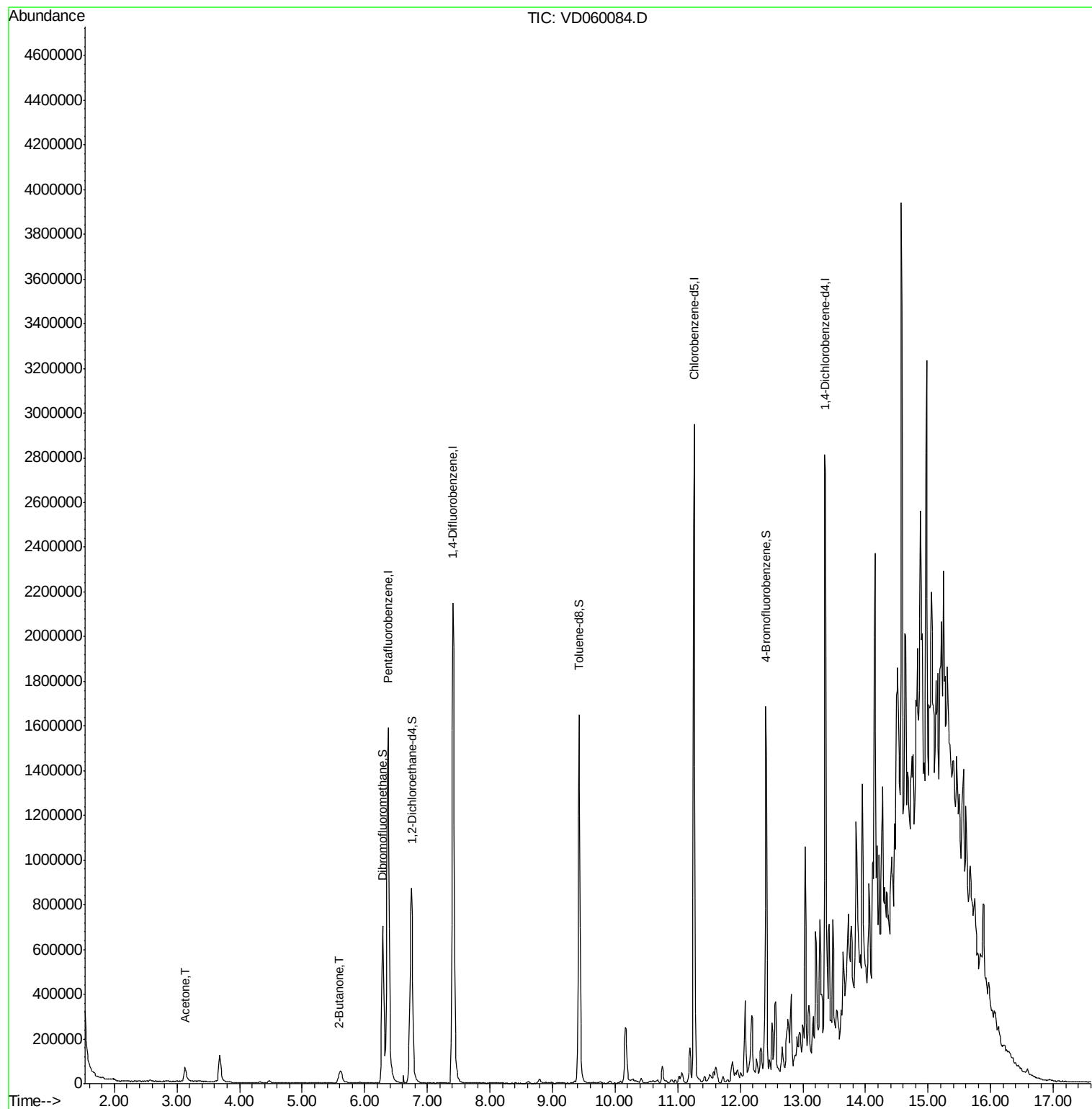
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1609023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.41	114	2315385	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.26	117	1623091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	606933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	409236	32.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	65.22%	
35) Dibromofluoromethane	6.29	113	557819	30.84	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	61.68%	
50) Toluene-d8	9.42	98	1314853	26.23	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	52.46%	
62) 4-Bromofluorobenzene	12.41	95	431655	22.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.08%	
Target Compounds						
16) Acetone	3.13	43	129933	53.634	ug/l	97
25) 2-Butanone	5.59	43	57746	8.833	ug/l	97

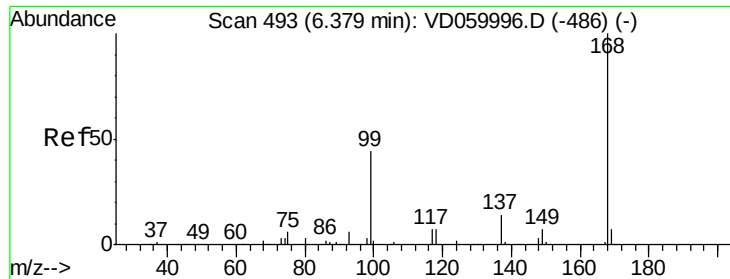
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

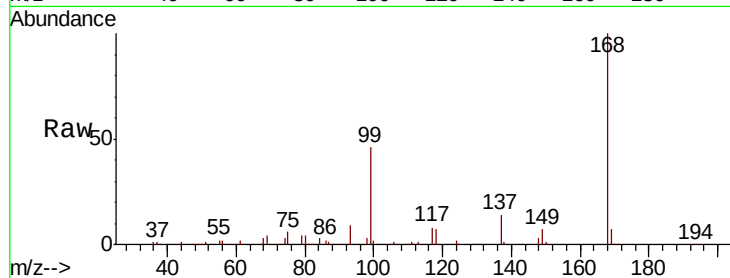
RA-091918-N-NW-055RE

Tot Ion:168 Resp: 1609023

Ion Ratio Lower Upper

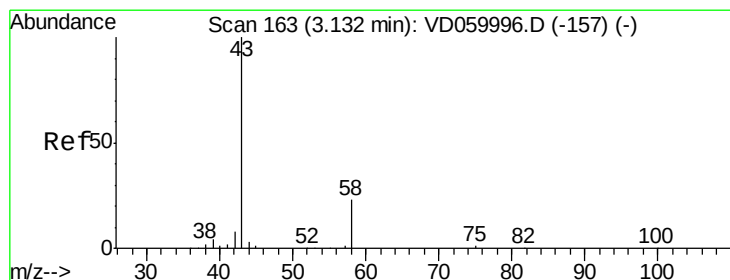
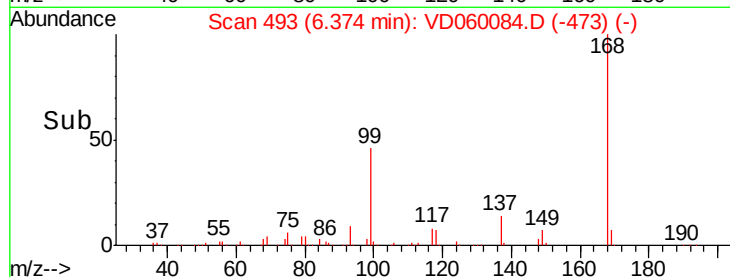
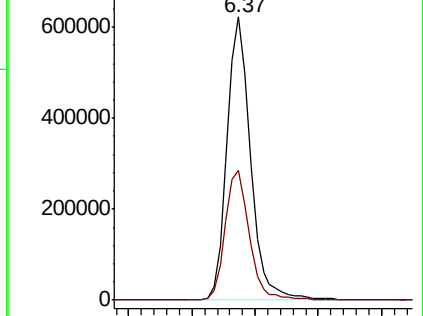
168 100

99 45.6 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: 53.634 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD060084.D

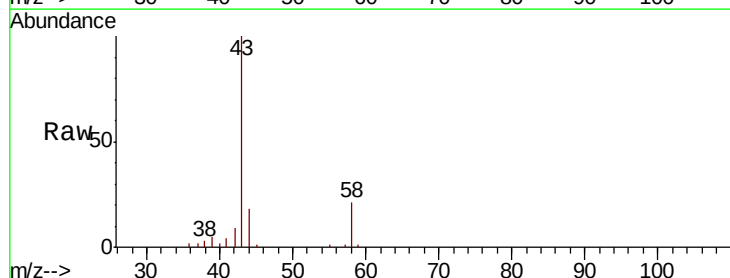
Acq: 24 Sep 2018 16:12

Tgt Ion: 43 Resp: 129933

Ion Ratio Lower Upper

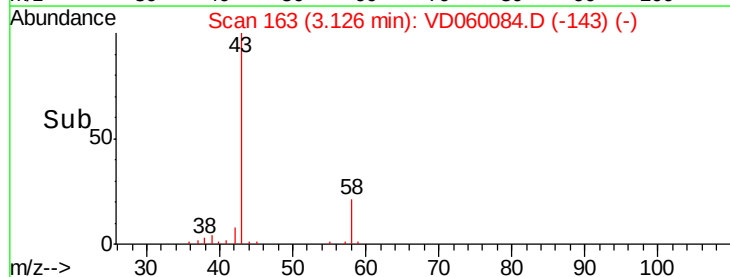
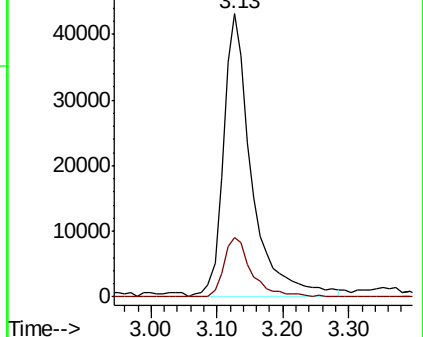
43 100

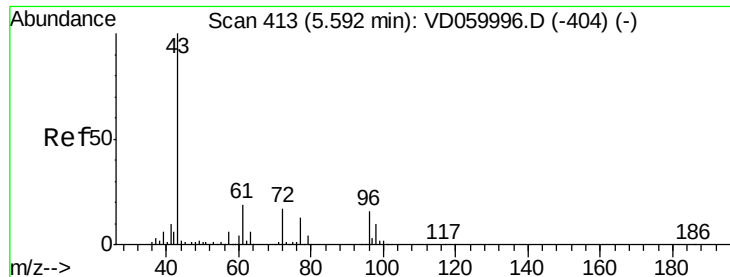
58 20.9 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 8.833 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.00 min

Lab File: VD060084.D

Acq: 24 Sep 2018 16:12

Instrument :

MSVOA_D

ClientSampleId :

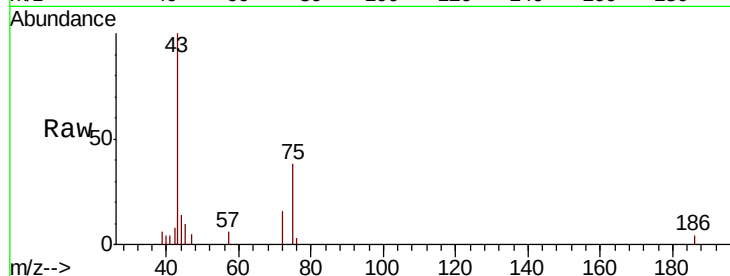
RA-091918-N-NW-055RE

Tot Ion: 43 Resp: 57746

Ion Ratio Lower Upper

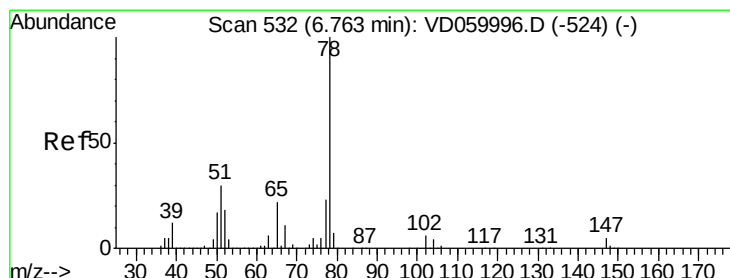
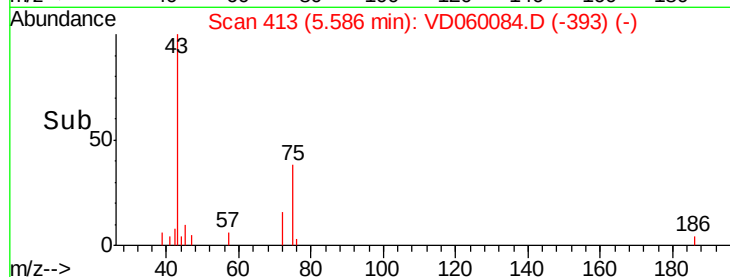
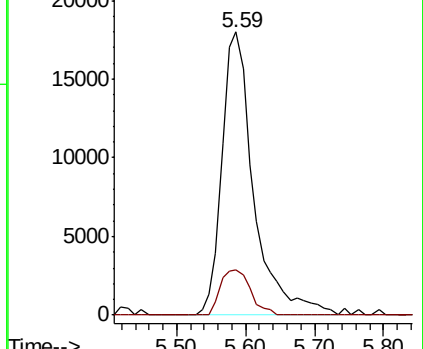
43 100

72 15.9 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. -0.02 min

Lab File: VD060084.D

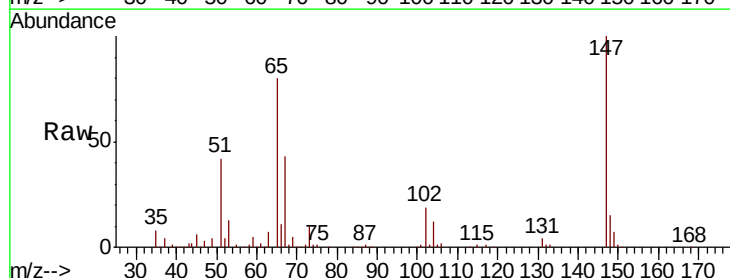
Acq: 24 Sep 2018 16:12

Tgt Ion: 65 Resp: 409236

Ion Ratio Lower Upper

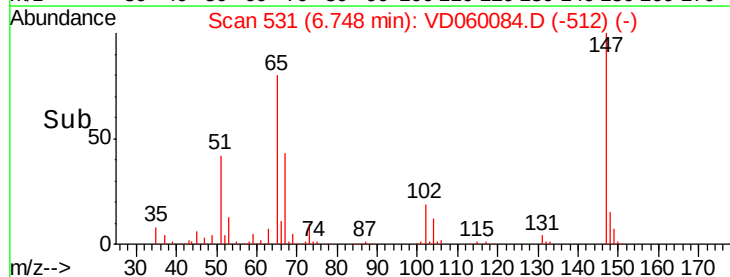
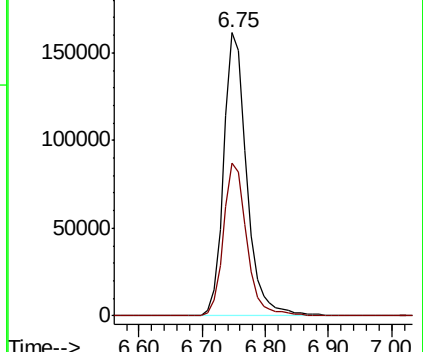
65 100

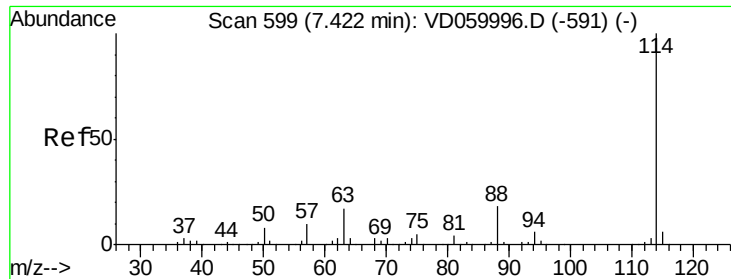
67 54.0 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

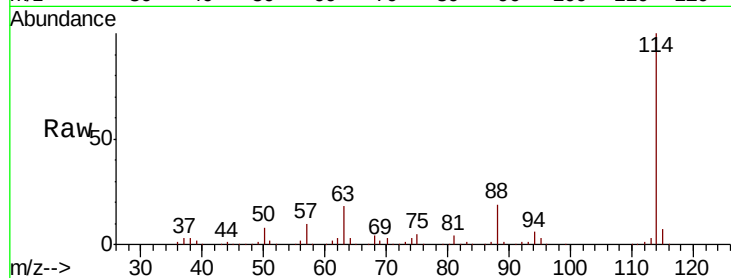




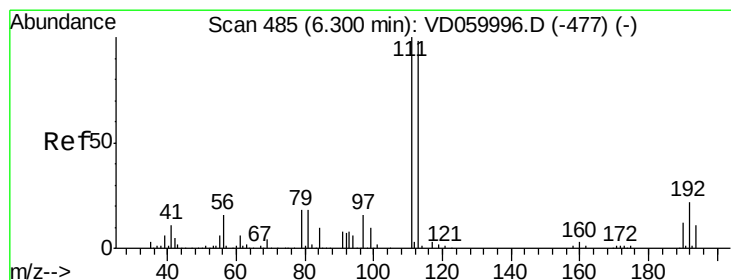
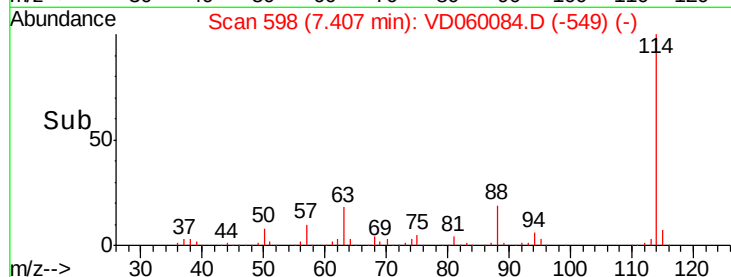
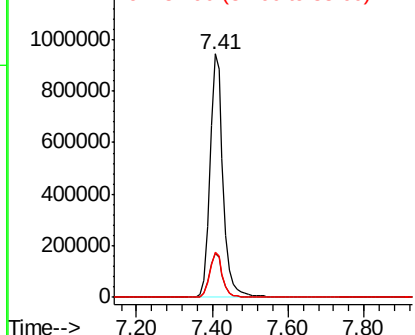
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: VD060084.D
 Acq: 24 Sep 2018 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-NW-055RE

Tot Ion:114 Resp: 2315385
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 18.8 0.0 35.8

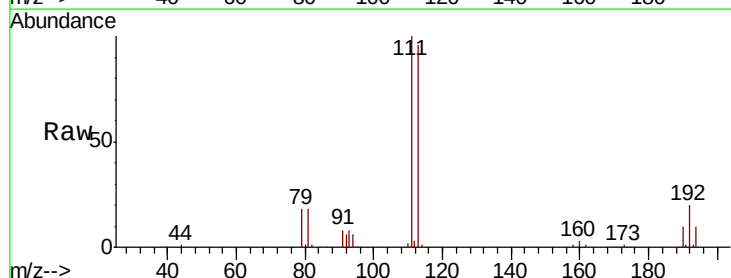


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

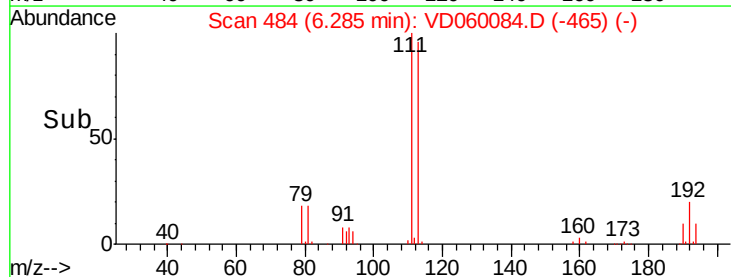
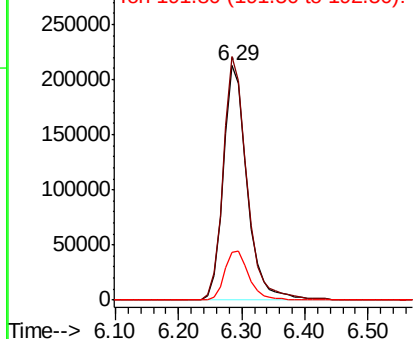


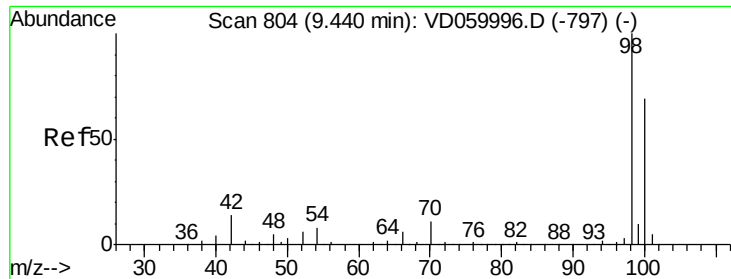
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.29 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: VD060084.D
 Acq: 24 Sep 2018 16:12

Tgt Ion:113 Resp: 557819
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.3 121.9
 192 20.4 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

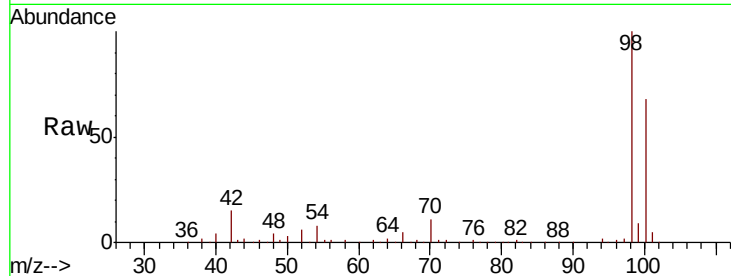




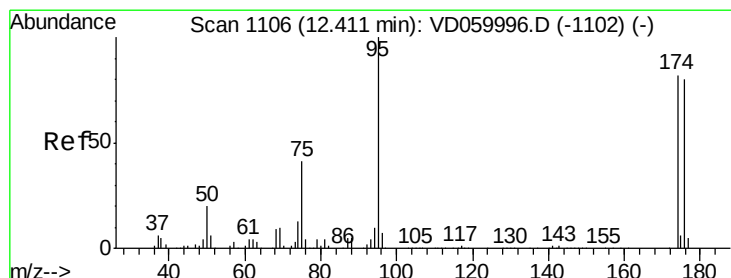
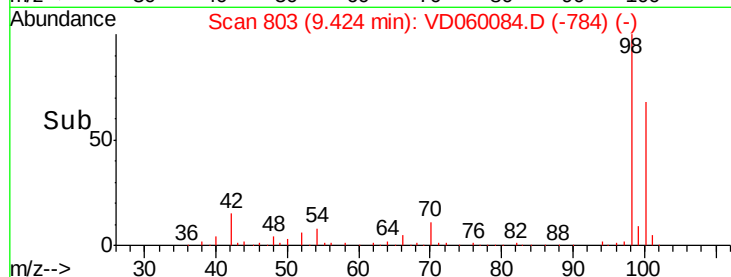
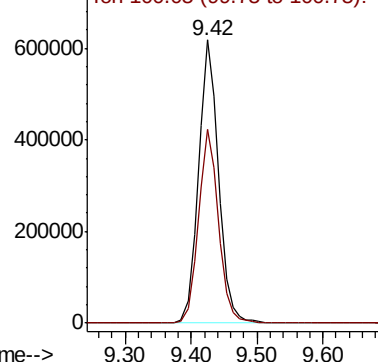
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.42 min Scan# 803
Delta R.T. -0.02 min
Lab File: VD060084.D
Acq: 24 Sep 2018 16:12

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-NW-055RE

Tot Ion: 98 Resp: 1314853
Ion Ratio Lower Upper
98 100
100 68.4 55.8 83.6

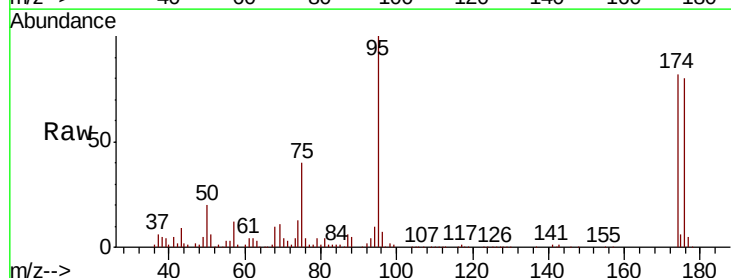


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

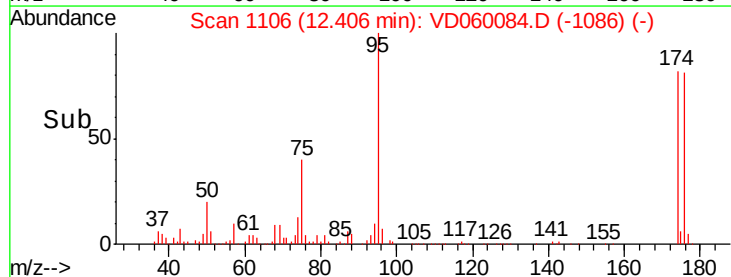
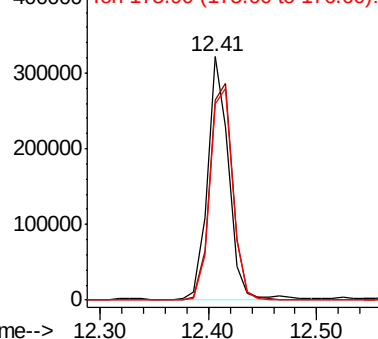


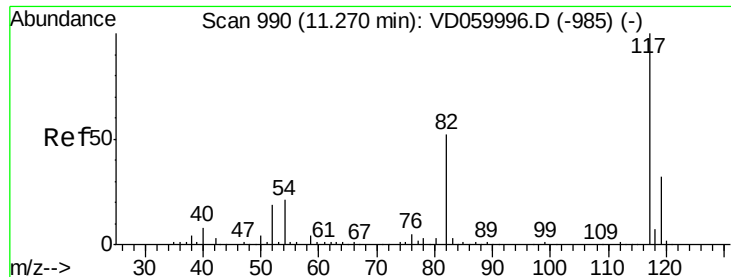
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD060084.D
Acq: 24 Sep 2018 16:12

Tgt Ion: 95 Resp: 431655
Ion Ratio Lower Upper
95 100
174 82.0 0.0 165.0
176 80.3 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

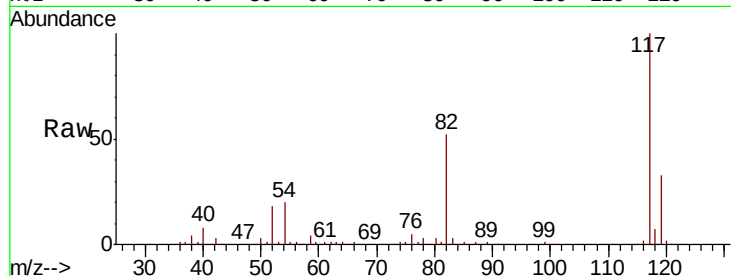




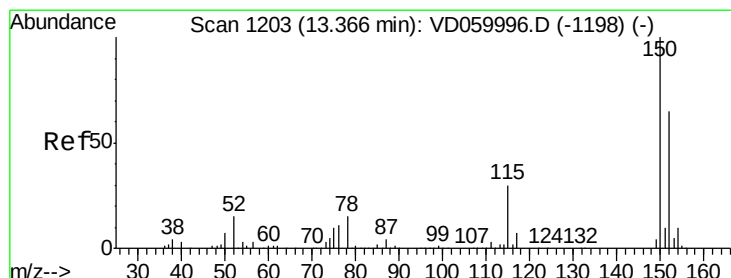
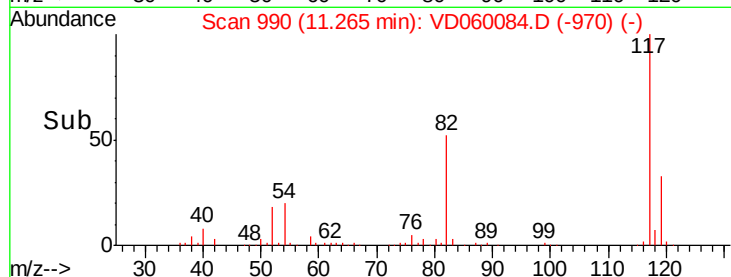
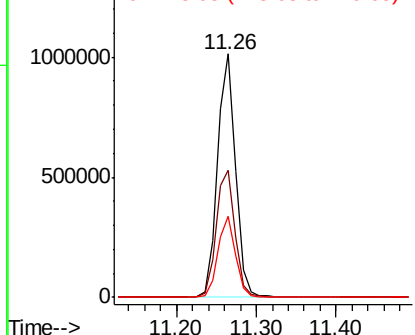
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.01 min
Lab File: VD060084.D
Acq: 24 Sep 2018 16:12

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-NW-055RE

Tot Ion:117 Resp: 1623091
Ion Ratio Lower Upper
117 100
82 52.2 41.7 62.5
119 33.2 26.0 39.0

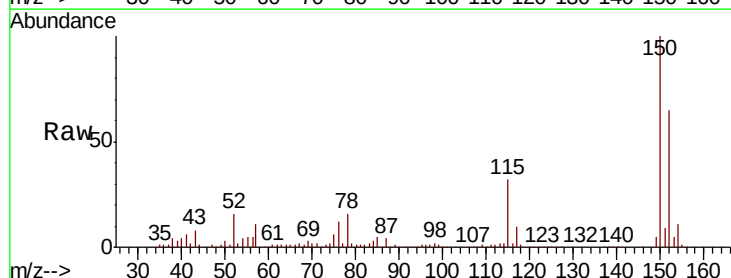


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060084.D
Acq: 24 Sep 2018 16:12

Tgt Ion:152 Resp: 606933
Ion Ratio Lower Upper
152 100
115 48.4 24.6 73.8
150 153.0 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

