

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092418\
 Data File : VD060081.D
 Acq On : 24 Sep 2018 14:47
 Operator : VA/AP
 Sample : J5017-06RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060RE

Quant Time: Sep 25 01:33:51 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

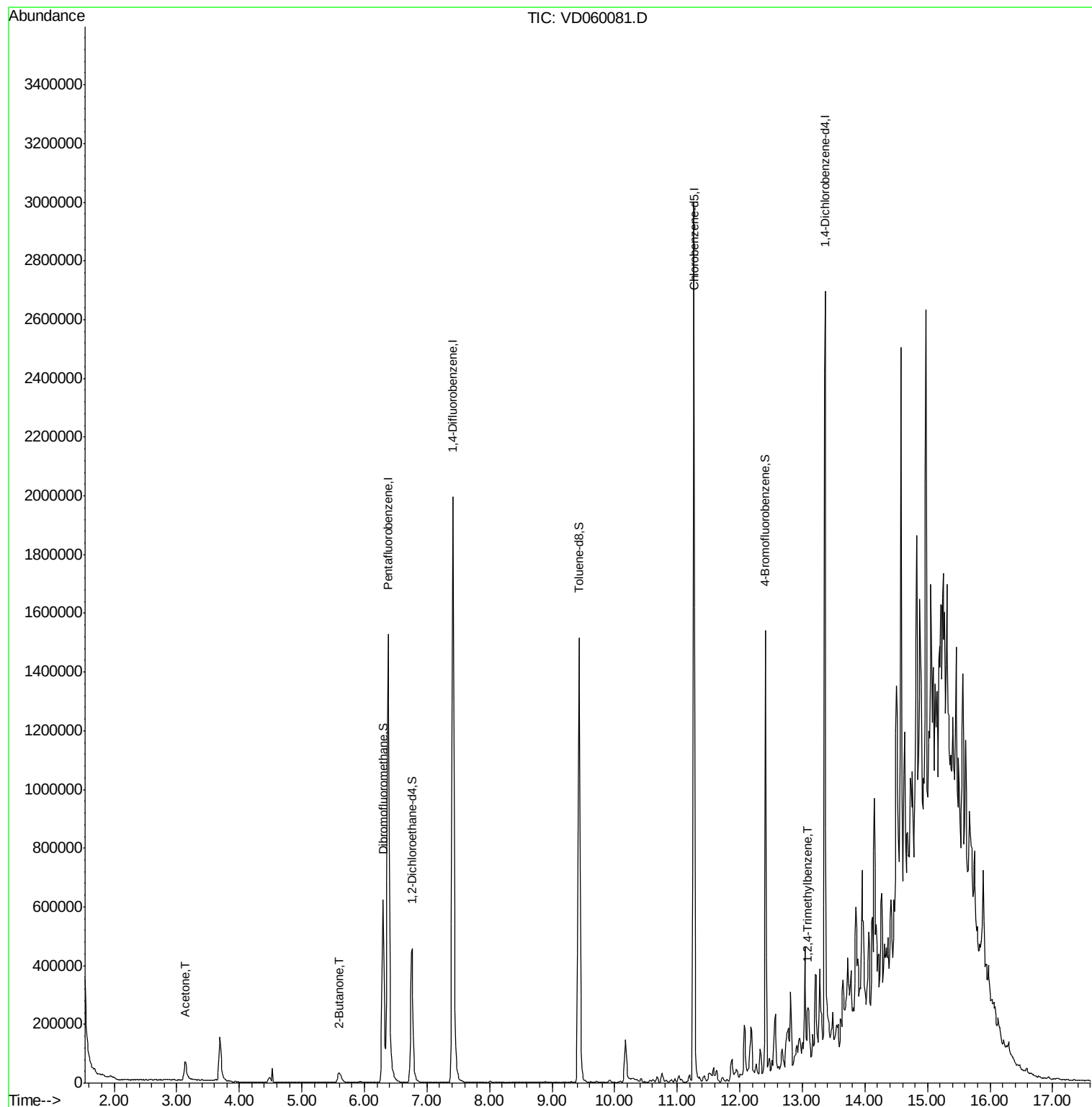
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1509083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	2190312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1630742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	629092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	367315	31.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.42%	
35) Dibromofluoromethane	6.30	113	505937	29.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.14%	
50) Toluene-d8	9.43	98	1227647	25.89	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	51.78%	
62) 4-Bromofluorobenzene	12.41	95	453438	25.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.06%	
Target Compounds						
16) Acetone	3.13	43	138455	60.937	ug/l	94
25) 2-Butanone	5.59	43	60536	9.873	ug/l	99
84) 1,2,4-Trimethylbenzene	13.08	105	54998	1.630	ug/l	99

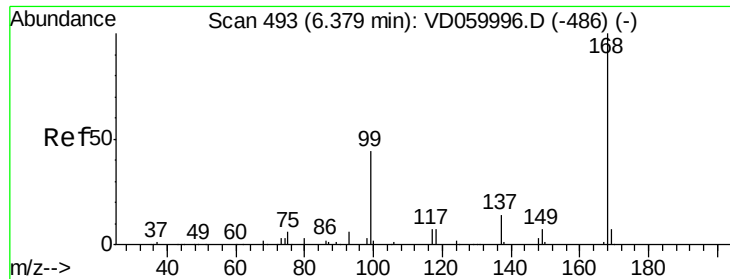
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.38 min Scan# 493

Delta R.T. -0.00 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

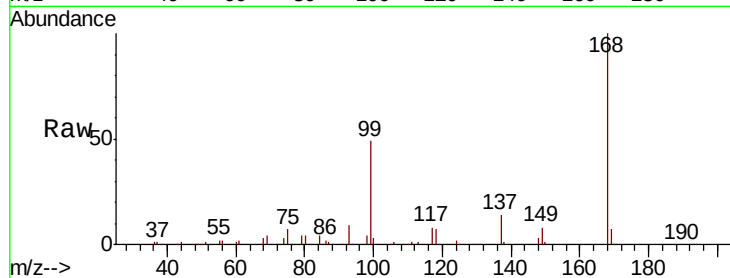
RA-091918-S-NW-060RE

Tot Ion:168 Resp: 1509083

Ion Ratio Lower Upper

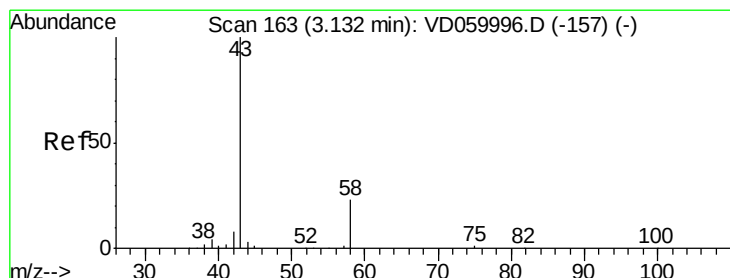
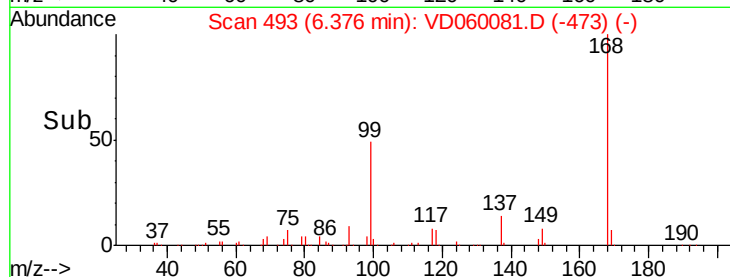
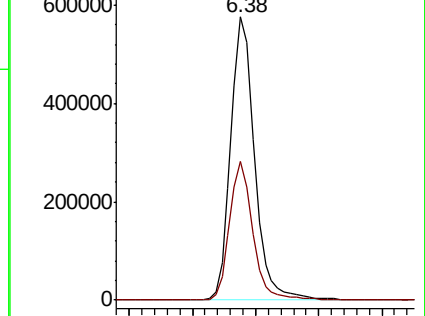
168 100

99 49.2 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: 60.937 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD060081.D

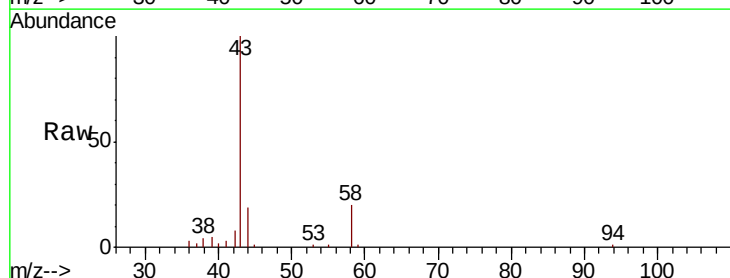
Acq: 24 Sep 2018 14:47

Tgt Ion: 43 Resp: 138455

Ion Ratio Lower Upper

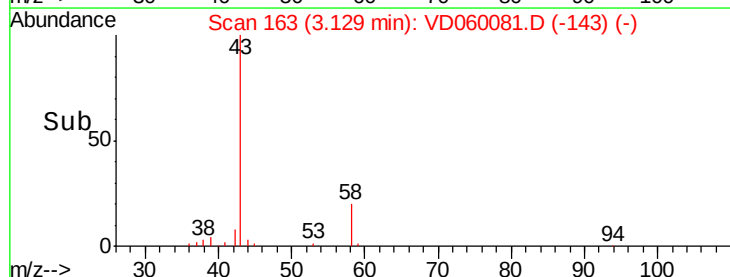
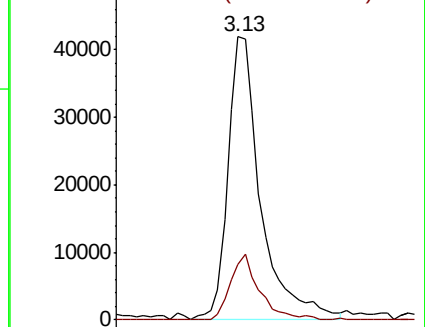
43 100

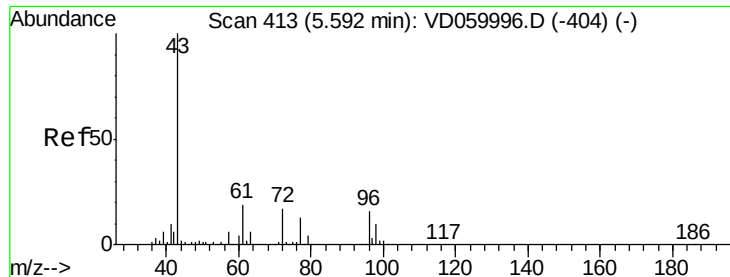
58 19.8 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 9.873 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.00 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

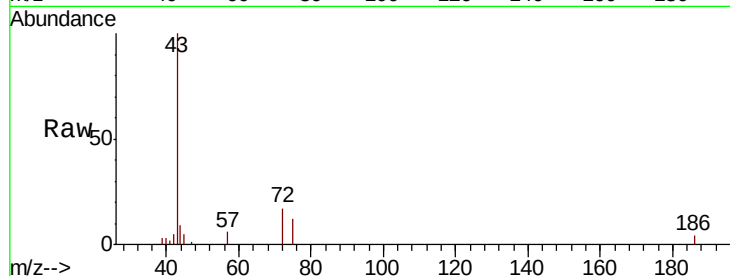
RA-091918-S-NW-060RE

Tot Ion: 43 Resp: 60536

Ion Ratio Lower Upper

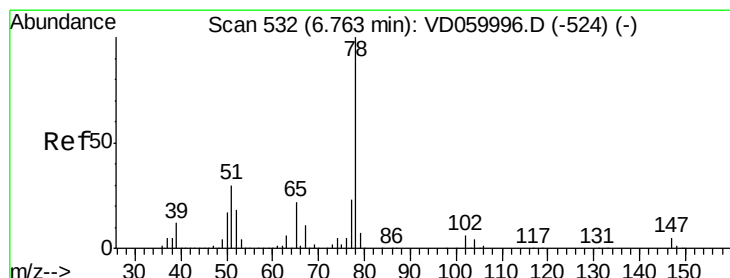
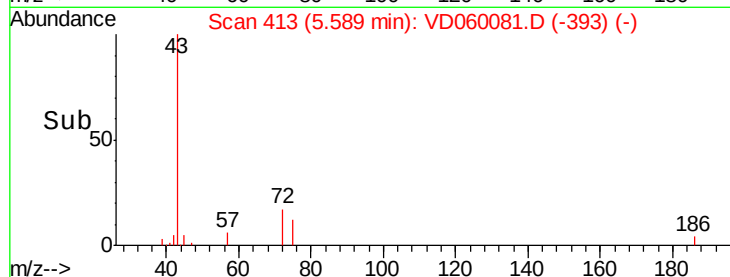
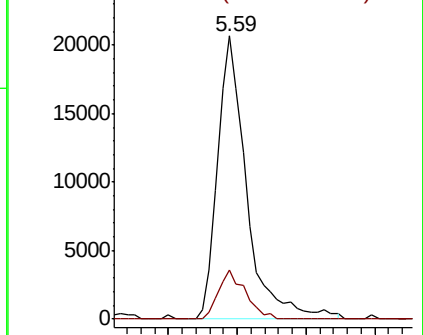
43 100

72 17.4 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: 6.76 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD060081.D

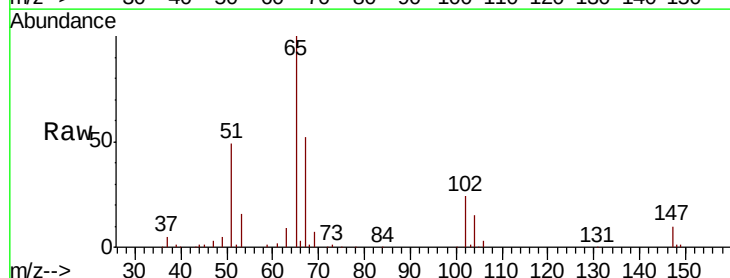
Acq: 24 Sep 2018 14:47

Tgt Ion: 65 Resp: 367315

Ion Ratio Lower Upper

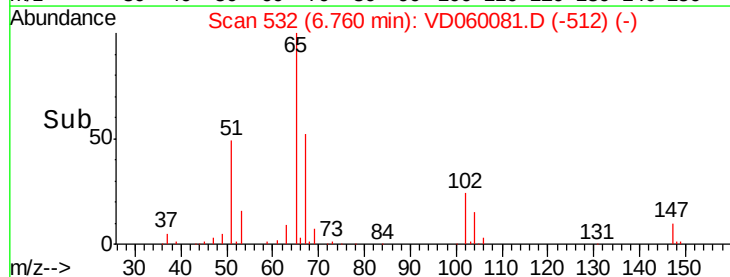
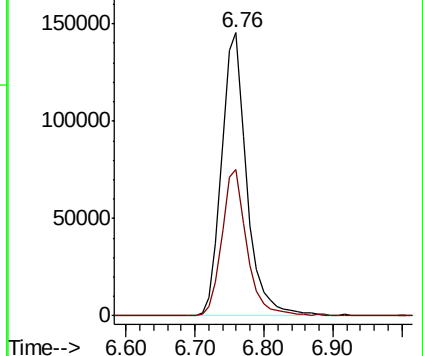
65 100

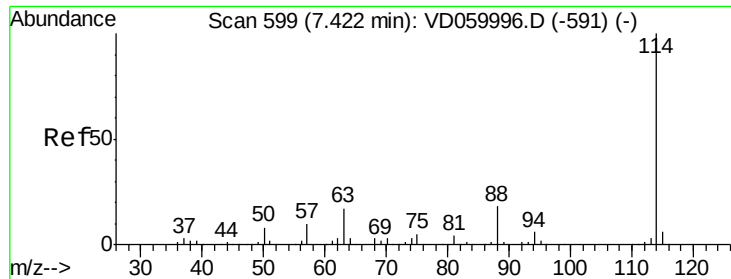
67 51.9 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



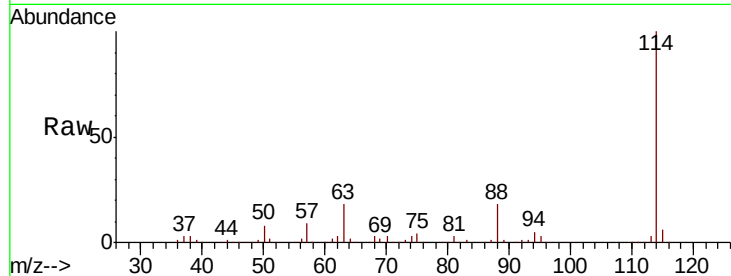


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060RE

Tot Ion:114 Resp: 2190312

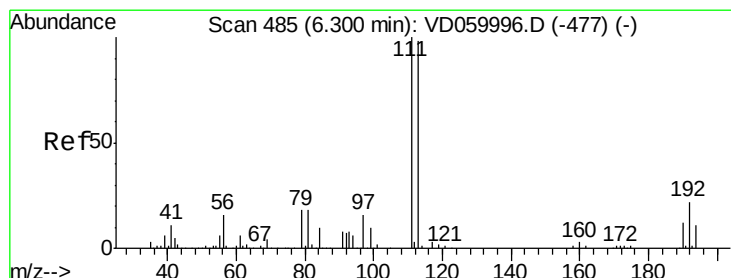
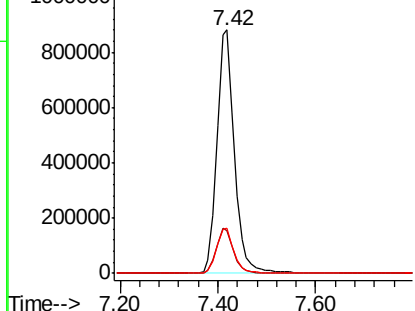
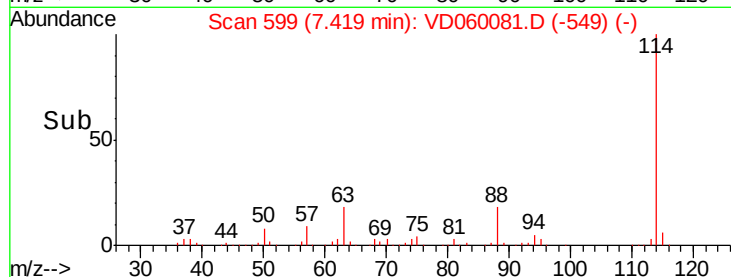
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	18.3	0.0	35.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

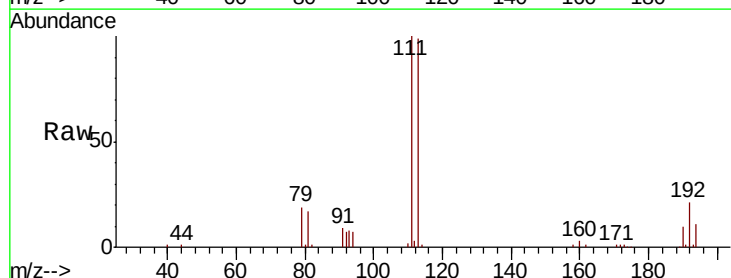
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Tgt Ion:113 Resp: 505937

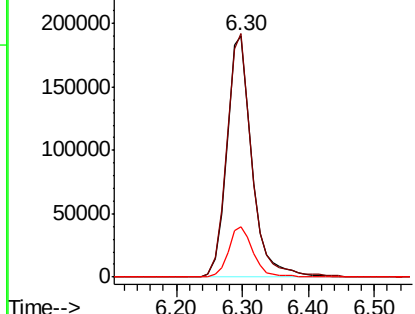
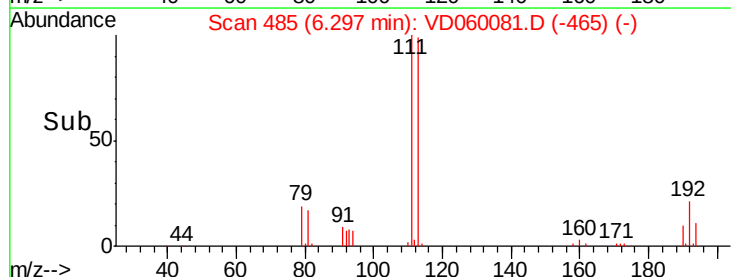
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.3	121.9
192	20.9	18.1	27.1

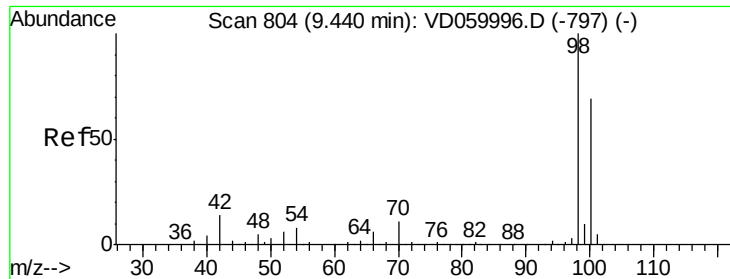


Abundance Ion 112.90 (112.60 to 113.60): V

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: VD060081.D

Acq: 24 Sep 2018 14:47

Instrument :

MSVOA_D

ClientSampleId :

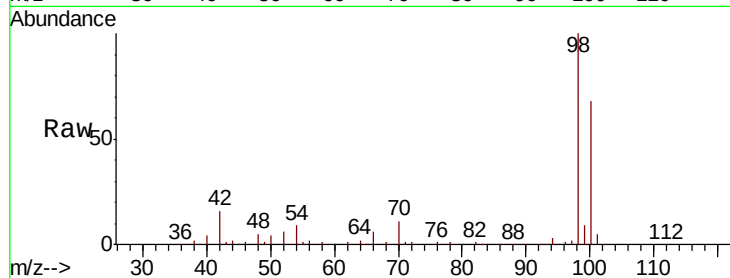
RA-091918-S-NW-060RE

Tot Ion: 98 Resp: 1227647

Ion Ratio Lower Upper

98 100

100 68.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD

600000

500000

400000

300000

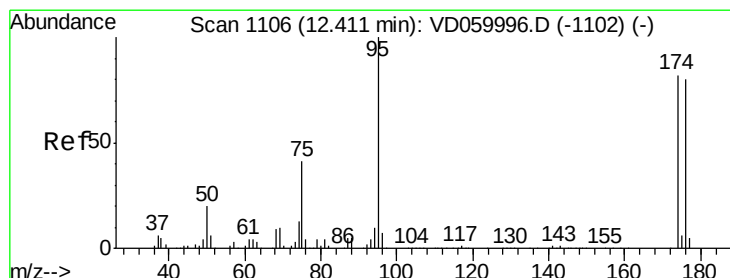
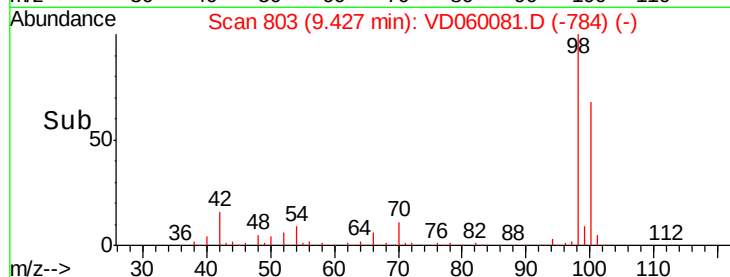
200000

100000

0

9.30 9.40 9.50 9.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD060081.D

Acq: 24 Sep 2018 14:47

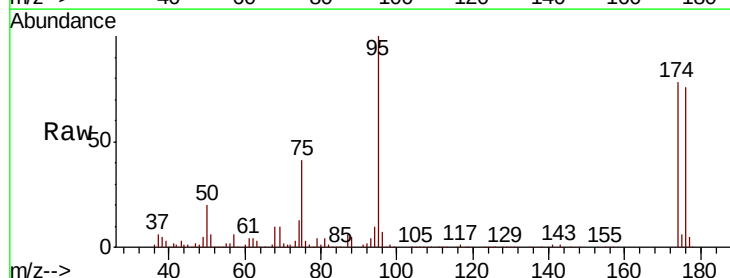
Tgt Ion: 95 Resp: 453438

Ion Ratio Lower Upper

95 100

174 78.5 0.0 165.0

176 76.1 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

400000

300000

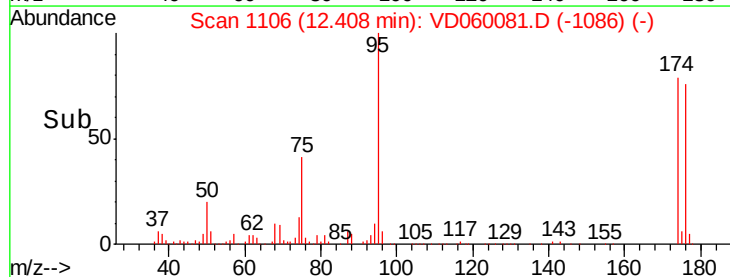
200000

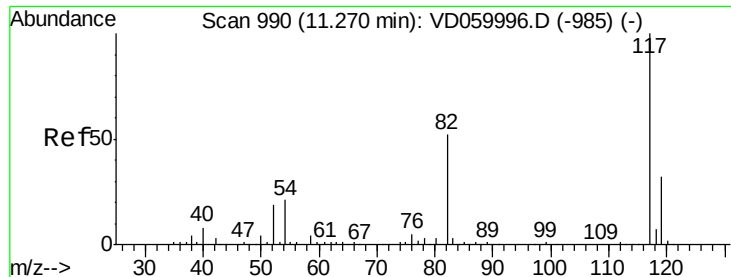
100000

0

12.40 12.50

Time-->

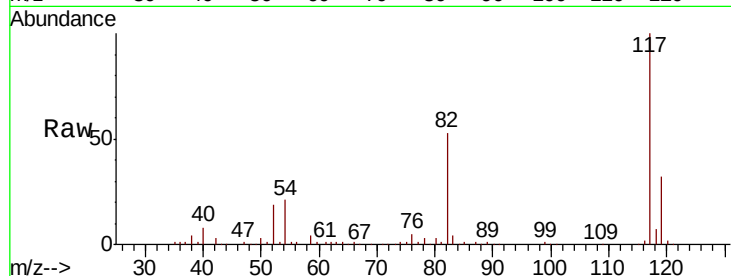




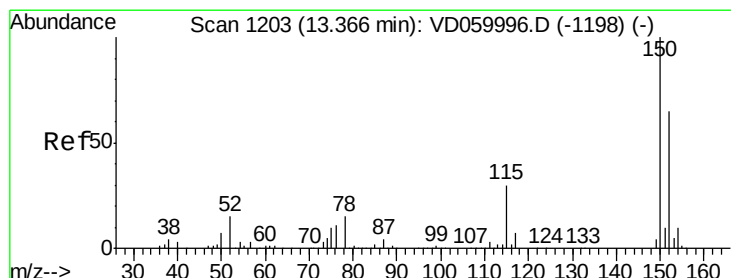
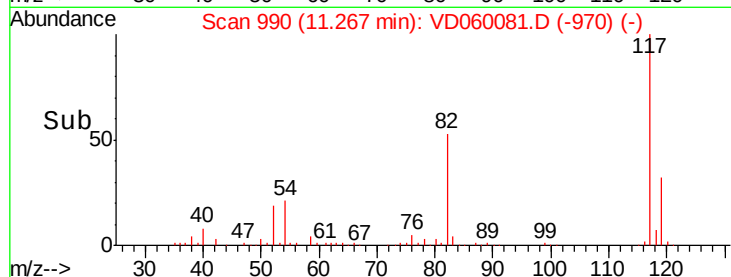
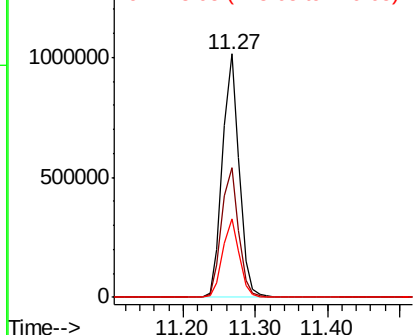
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060081.D
Acq: 24 Sep 2018 14:47

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-060RE

Tot Ion:117 Resp: 1630742
Ion Ratio Lower Upper
117 100
82 53.2 41.7 62.5
119 32.1 26.0 39.0

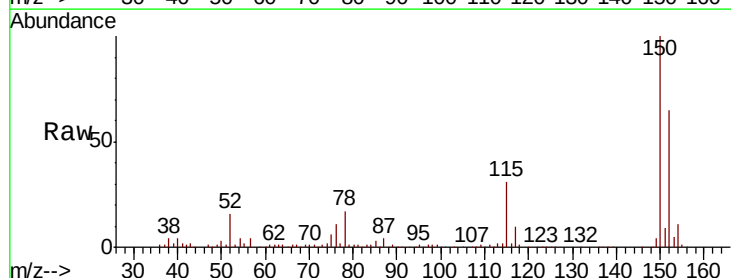


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

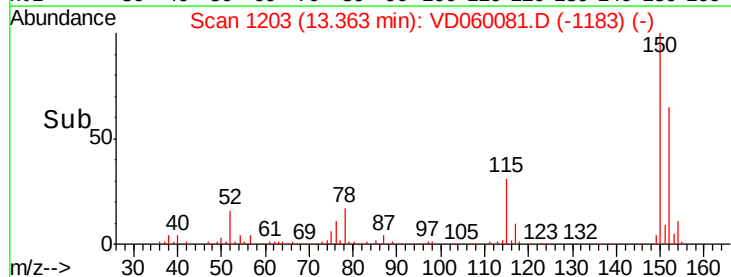
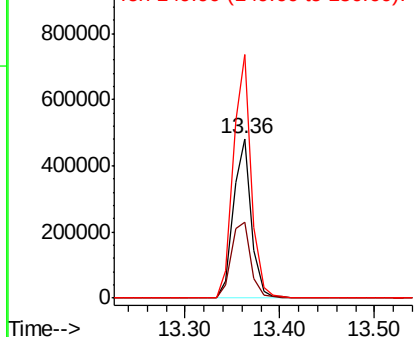


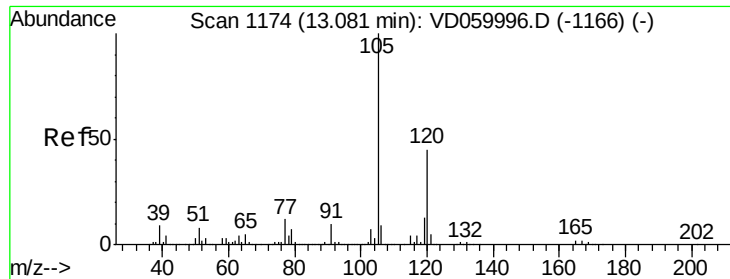
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060081.D
Acq: 24 Sep 2018 14:47

Tgt Ion:152 Resp: 629092
Ion Ratio Lower Upper
152 100
115 48.0 24.6 73.8
150 152.9 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





#84
 1,2,4-Trimethylbenzene
 Concen: 1.630 ug/l
 RT: 13.08 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VD060081.D
 Acq: 24 Sep 2018 14:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060RE

Tot Ion:105 Resp: 54998
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.0

