

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060636.D
 Acq On : 7 Nov 2018 18:51
 Operator : VA/AP
 Sample : J5765-01RE
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-110518RE

Quant Time: Nov 08 15:17:41 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	153861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	195412	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	94670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	30446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	31508	20.27	ug/l	0.00
Spiked Amount			Recovery	=	40.54%	
35) Dibromofluoromethane	4.11	113	55981	37.08	ug/l	0.00
Spiked Amount			Recovery	=	74.16%	
50) Toluene-d8	7.56	98	113394	25.35	ug/l	0.00
Spiked Amount			Recovery	=	50.70%	
62) 4-Bromofluorobenzene	11.41	95	42895	21.93	ug/l	0.00
Spiked Amount			Recovery	=	43.86%	

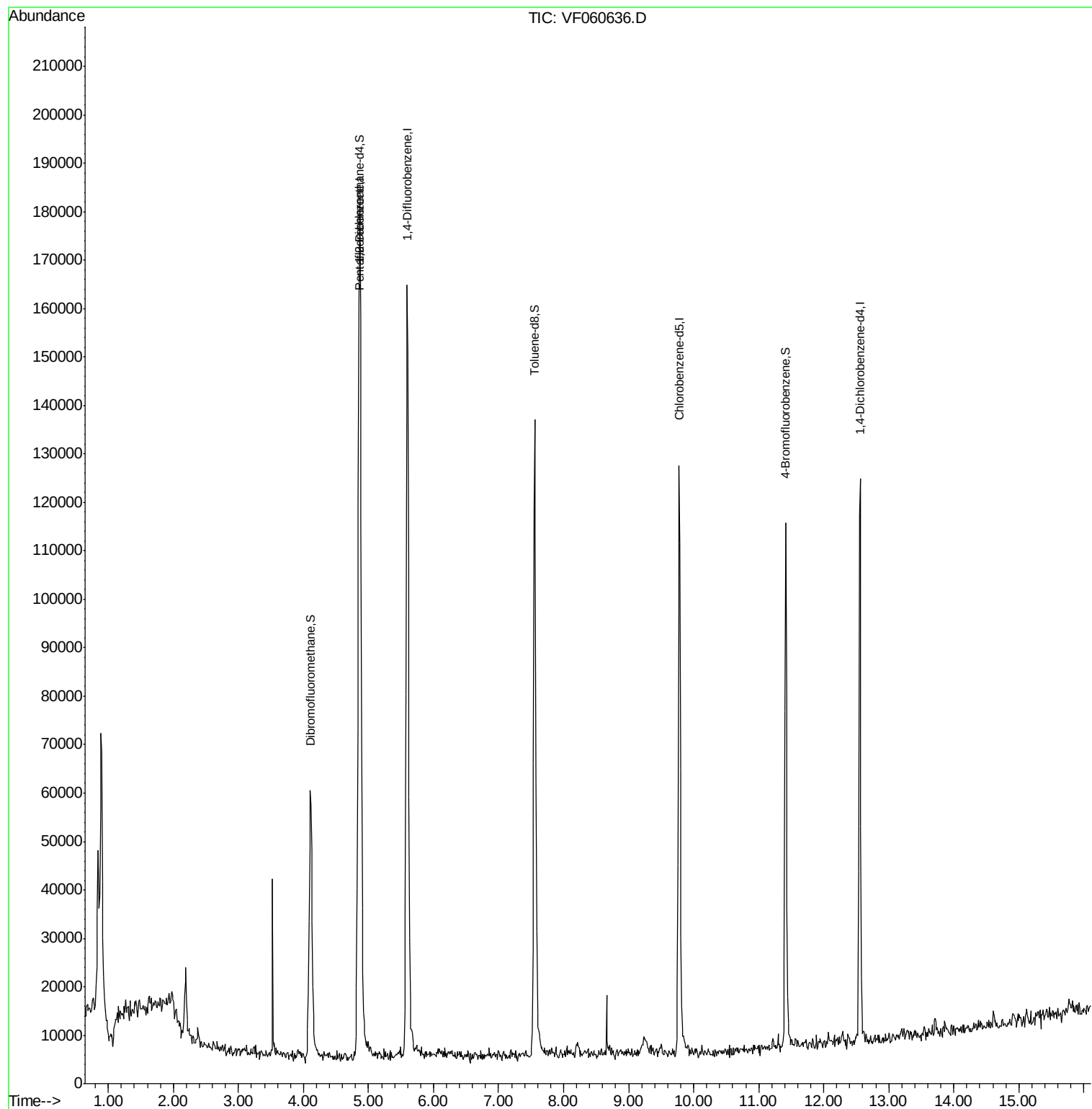
Target Compounds	Qvalue
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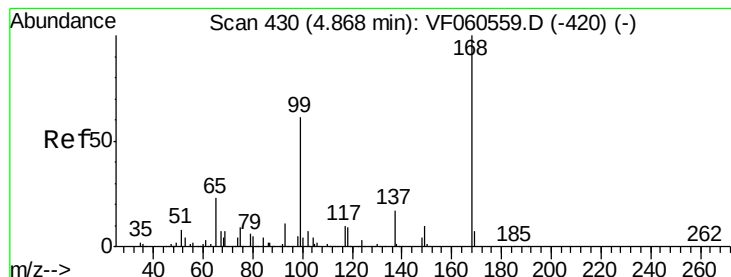
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF060636.D

Acq: 7 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampleId :

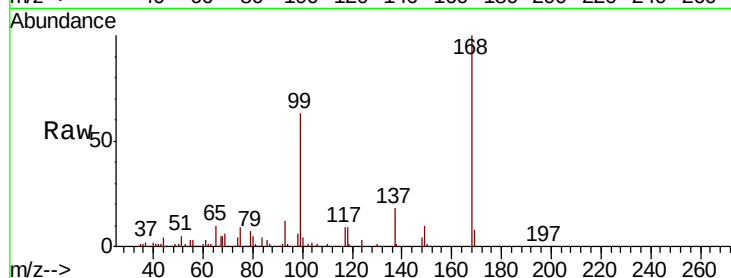
NB-08-110518RE

Tot Ion:168 Resp: 153861

Ion Ratio Lower Upper

168 100

99 62.6 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

50000

40000

30000

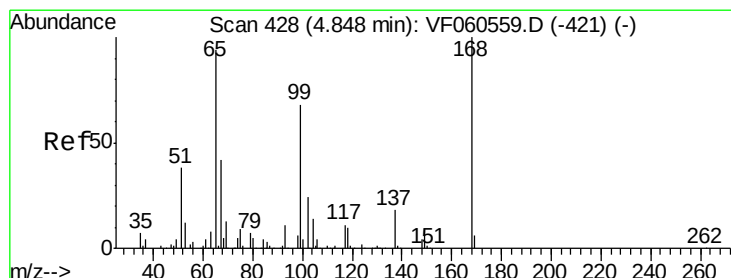
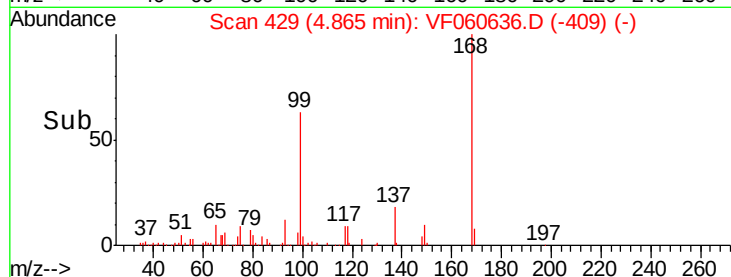
20000

10000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 20.268 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.00 min

Lab File: VF060636.D

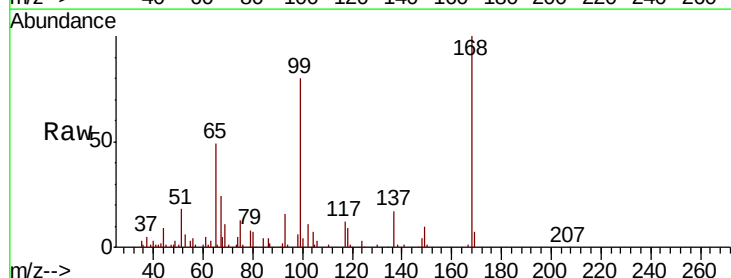
Acq: 7 Nov 2018 18:51

Tgt Ion: 65 Resp: 31508

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

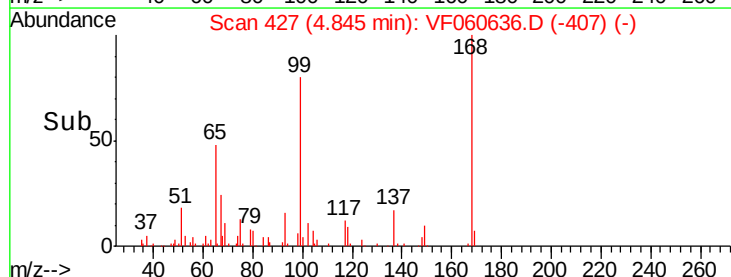
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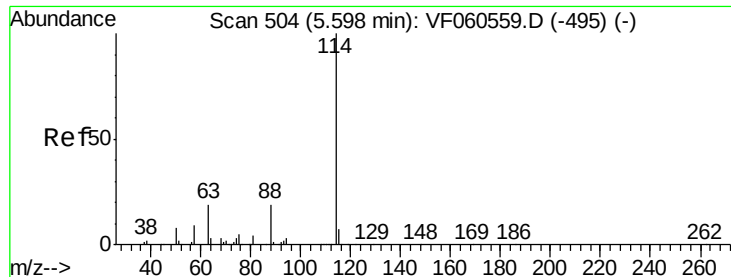
5000

0

Time-->

4.70 4.80 4.90 5.00

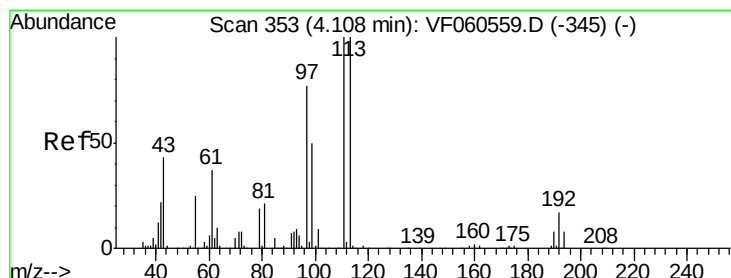
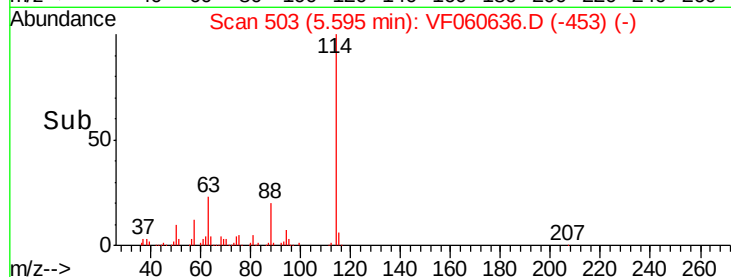
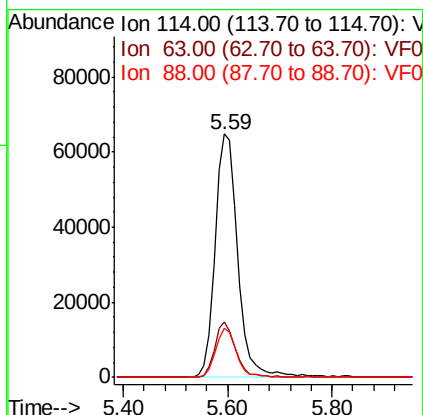
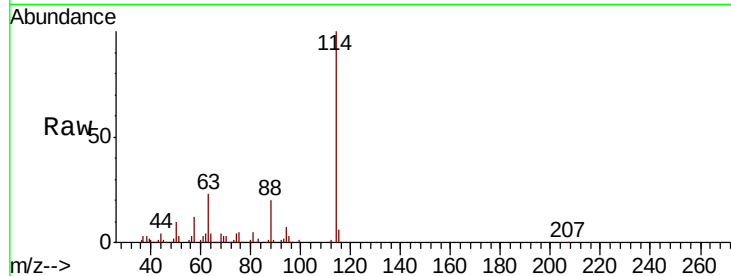




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VF060636.D
 Acq: 7 Nov 2018 18:51

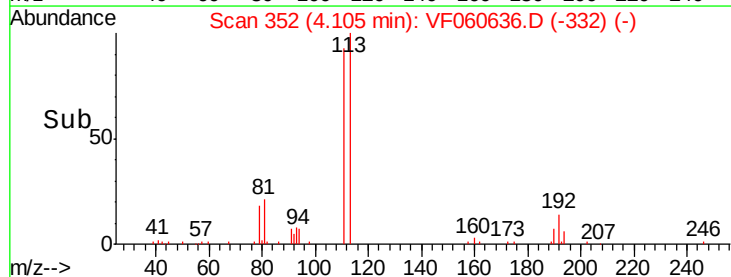
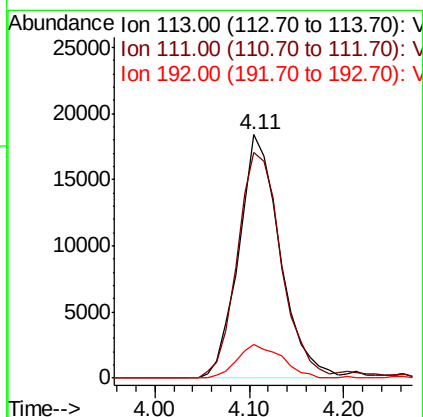
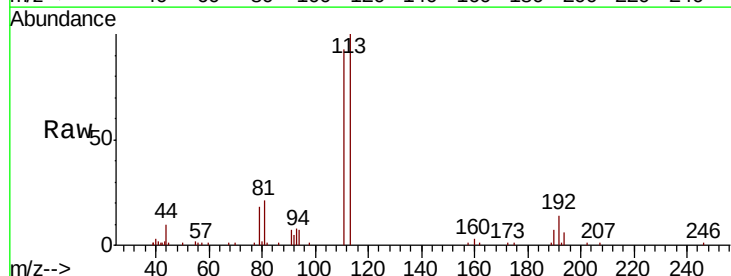
Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-110518RE

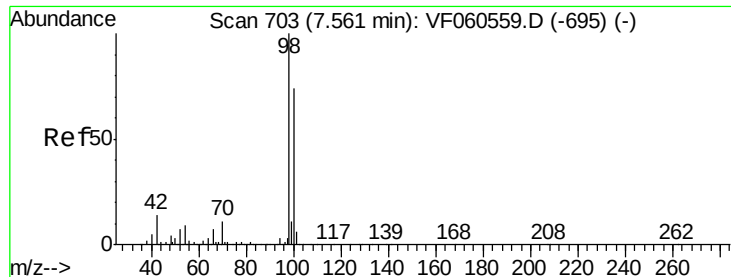
Tot Ion:114 Resp: 195412
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 39.0
 88 20.0 0.0 38.2



#35
 Dibromofluoromethane
 Concen: 37.080 ug/l
 RT: 4.11 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VF060636.D
 Acq: 7 Nov 2018 18:51

Tgt Ion:113 Resp: 55981
 Ion Ratio Lower Upper
 113 100
 111 92.5 79.9 119.9
 192 14.0 13.3 19.9





#50

Toluene-d8

Concen: 25.355 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.00 min

Lab File: VF060636.D

Acq: 7 Nov 2018 18:51

Instrument :

MSVOA_F

ClientSampleId :

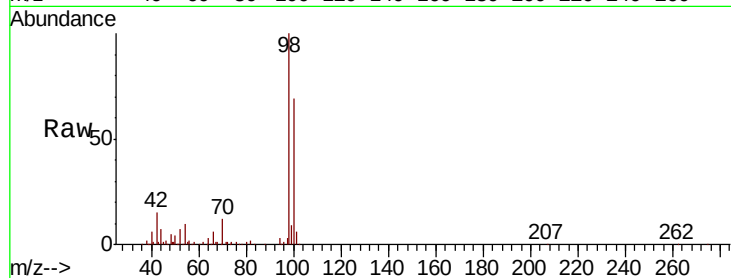
NB-08-110518RE

Tot Ion: 98 Resp: 113394

Ion Ratio Lower Upper

98 100

100 69.4 59.4 89.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.56

50000

40000

30000

20000

10000

0

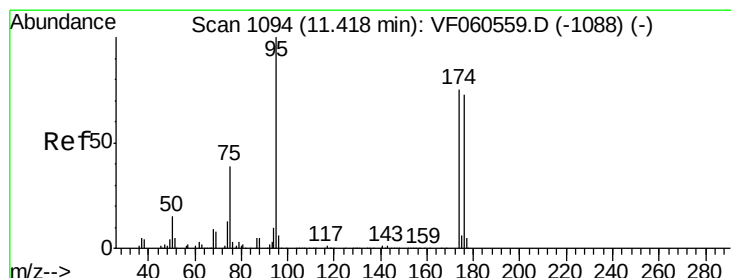
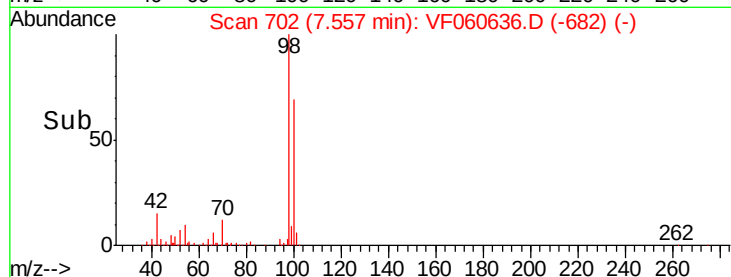
Time-->

7.40

7.50

7.60

7.70



#62

4-Bromofluorobenzene

Concen: 21.927 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VF060636.D

Acq: 7 Nov 2018 18:51

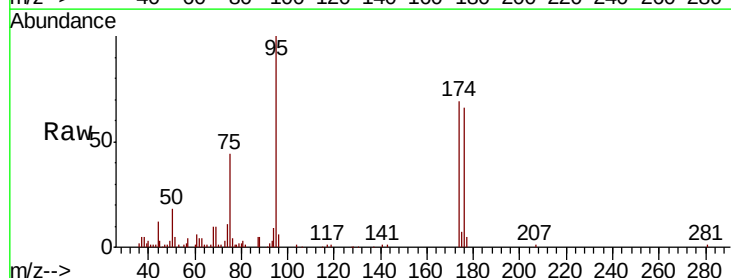
Tgt Ion: 95 Resp: 42895

Ion Ratio Lower Upper

95 100

174 69.5 0.0 149.0

176 66.2 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.41

30000

20000

10000

0

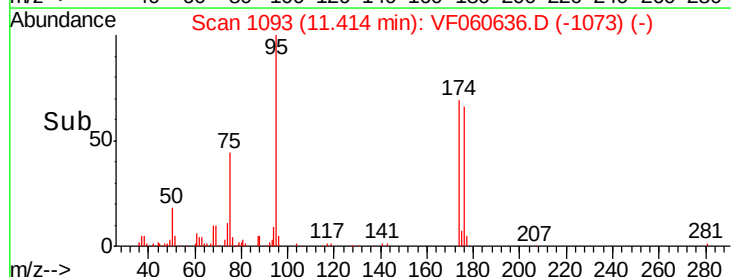
Time-->

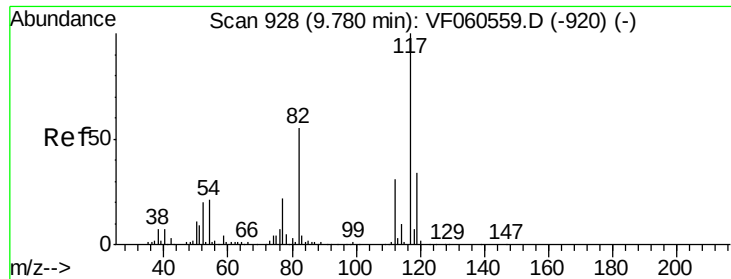
11.30

11.40

11.50

11.60

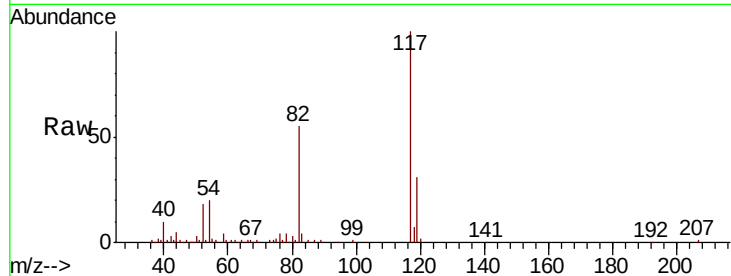




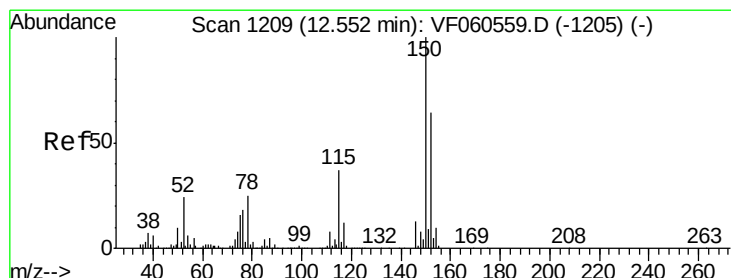
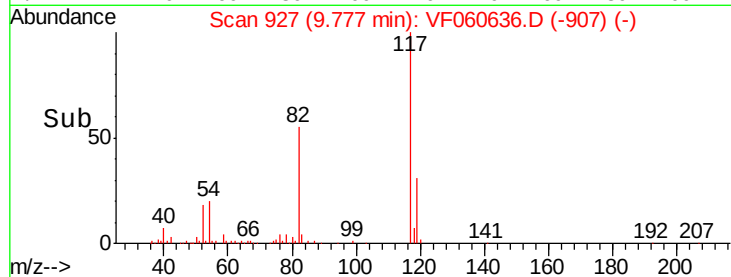
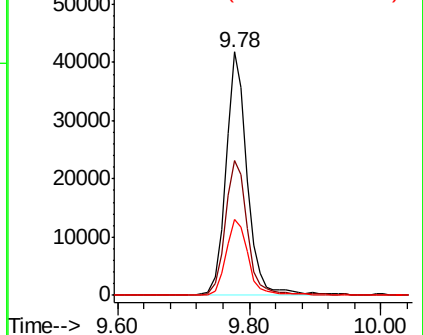
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF060636.D
Acq: 7 Nov 2018 18:51

Instrument :
MSVOA_F
ClientSampleId :
NB-08-110518RE

Tot Ion:117 Resp: 94670
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 31.2 27.4 41.0

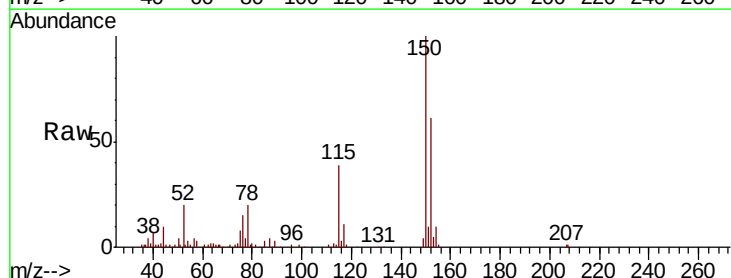


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060636.D
Acq: 7 Nov 2018 18:51

Tgt Ion:152 Resp: 30446
Ion Ratio Lower Upper
152 100
115 63.6 29.6 88.8
150 162.8 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

