

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052925.D
 Acq On : 17 Dec 2018 14:17
 Operator : MD\SY
 Sample : J6438-16 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23701

Quant Time: Dec 18 05:51:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

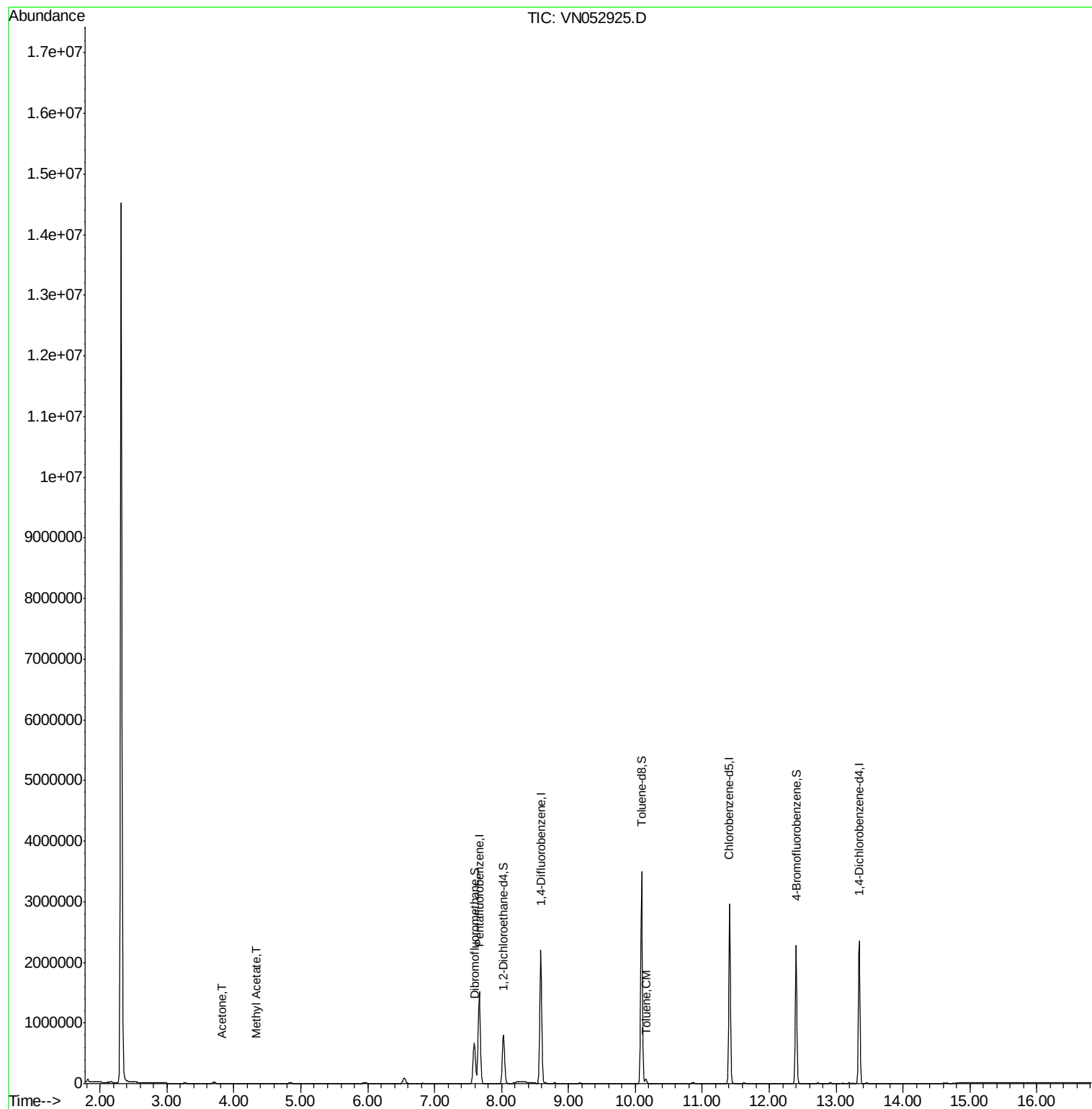
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1332693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2047296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1775726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	667173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	673574	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
35) Dibromofluoromethane	7.59	113	516467	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
50) Toluene-d8	10.09	98	2490441	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	785330	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
16) Acetone	3.82	43	7527	2.365	ug/l #	84
18) Methyl Acetate	4.33	43	4044	0.346	ug/l #	71
52) Toluene	10.16	92	28787	0.840	ug/l	100

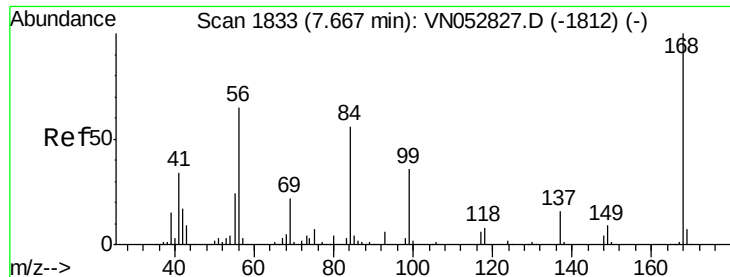
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052925.D

Acq: 17 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampled :

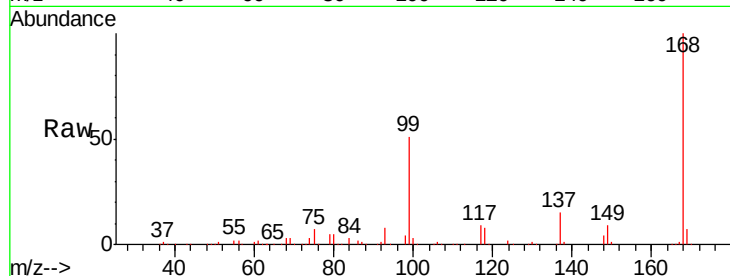
23701

Tgt Ion:168 Resp: 1332693

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

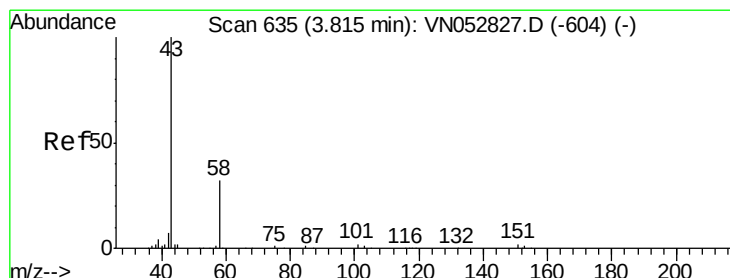
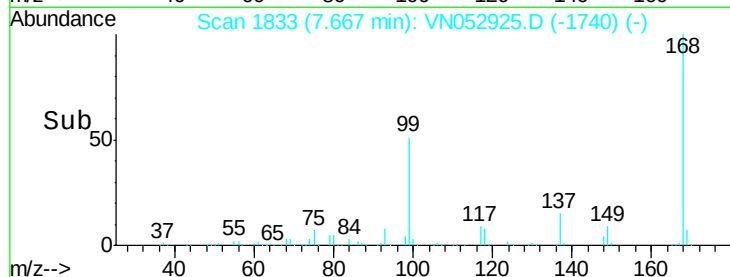
100000

0

7.60

7.70

Time-->



#16

Acetone

Concen: 2.365 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052925.D

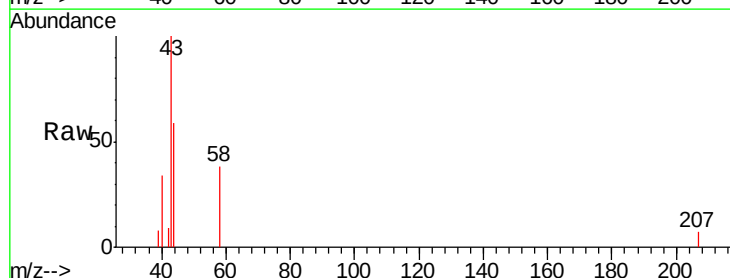
Acq: 17 Dec 2018 14:17

Tgt Ion: 43 Resp: 7527

Ion Ratio Lower Upper

43 100

58 40.6 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

6000

4000

2000

0

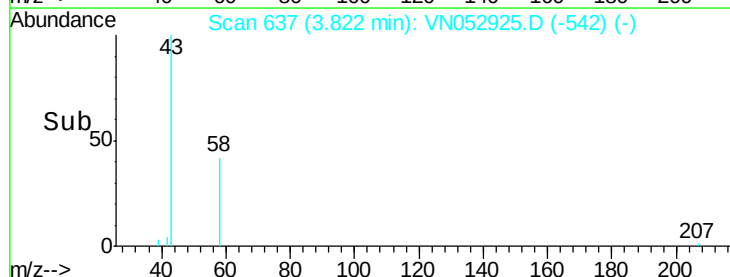
3.75

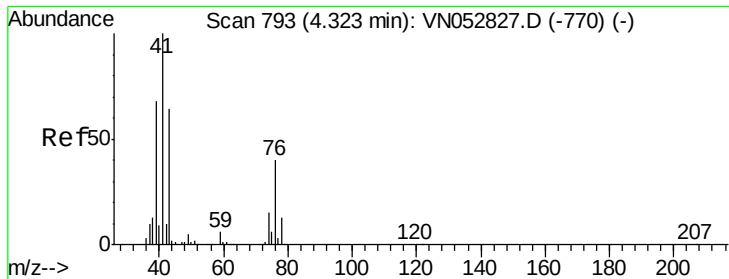
3.80

3.85

3.90

Time-->

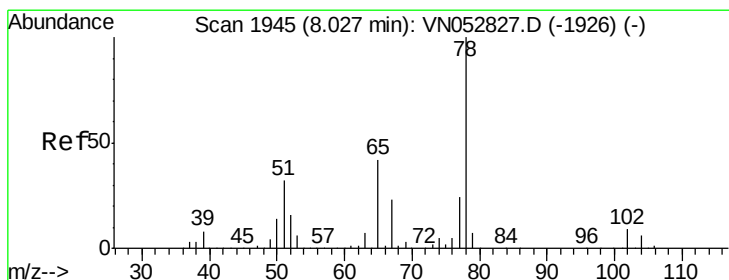
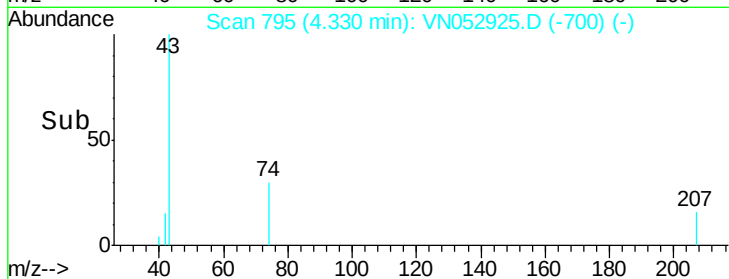
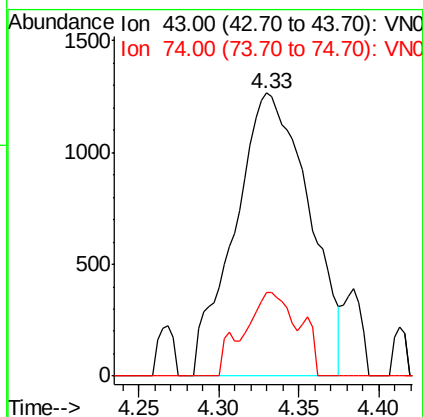
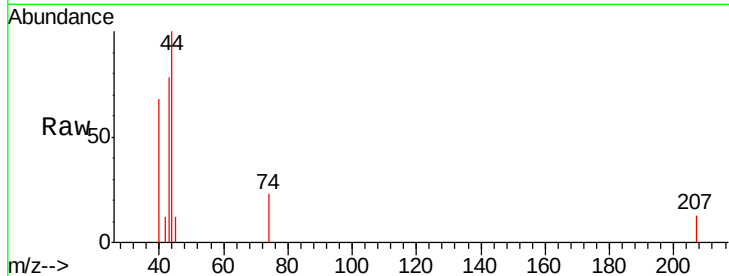




#18
Methyl Acetate
Concen: 0.346 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN052925.D
Acq: 17 Dec 2018 14:17

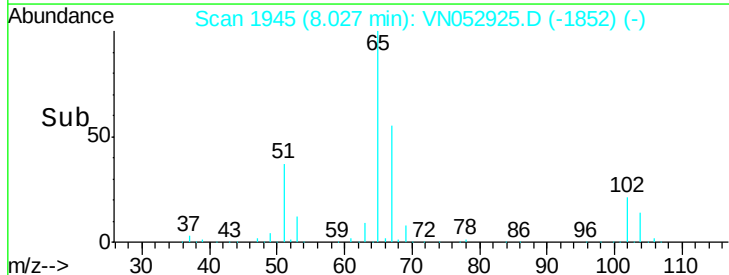
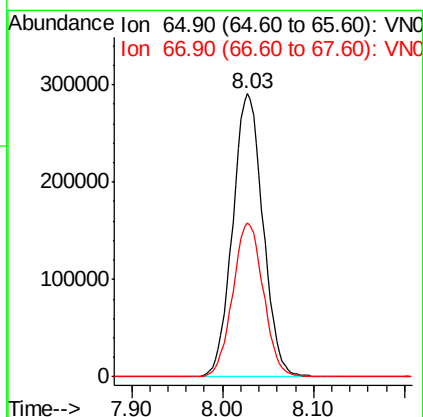
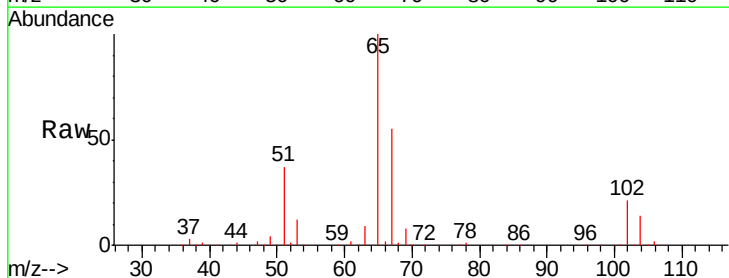
Instrument :
MSVOA_N
ClientSampled :
23701

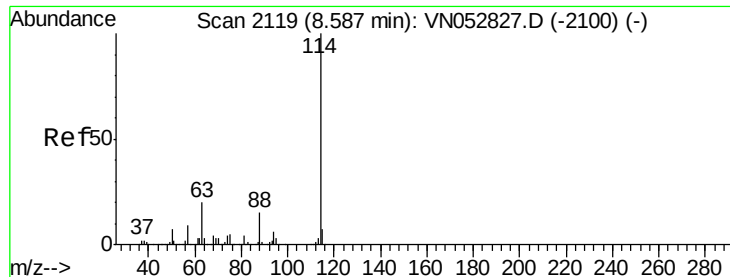
Tgt Ion: 43 Resp: 4044
Ion Ratio Lower Upper
43 100
74 9.5 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052925.D
Acq: 17 Dec 2018 14:17

Tgt Ion: 65 Resp: 673574
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.4

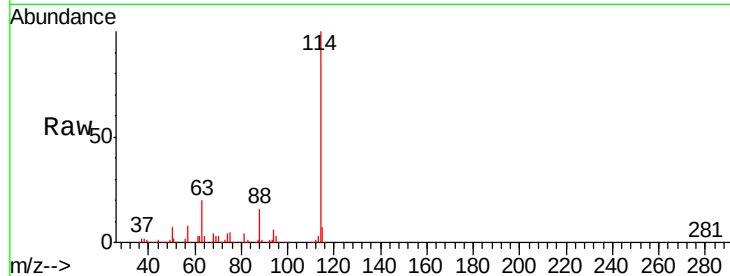




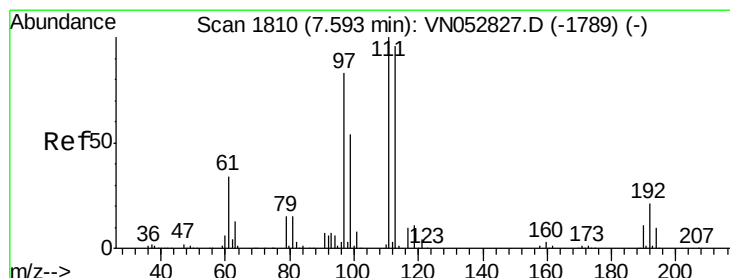
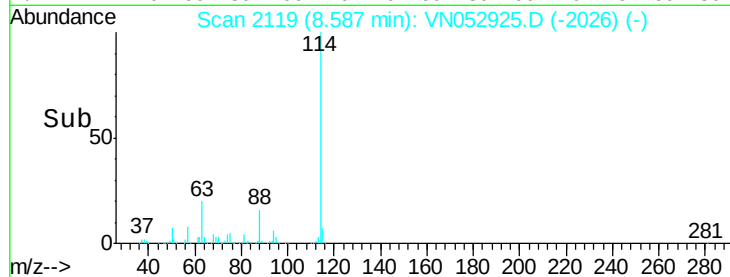
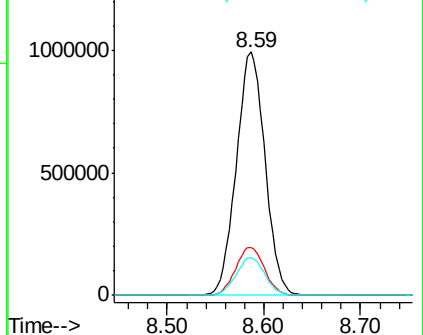
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052925.D
 Acq: 17 Dec 2018 14:17

Instrument :
 MSVOA_N
 ClientSampled :
 23701

Tgt Ion:114 Resp: 2047296
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.6 0.0 31.0

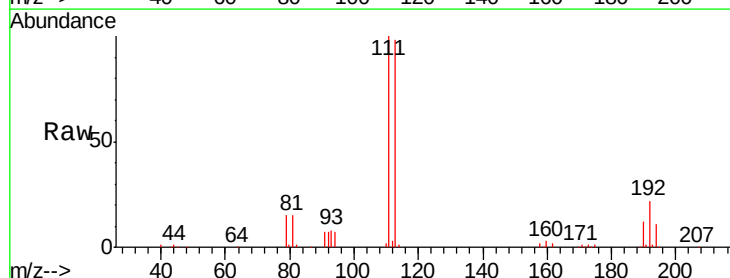


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

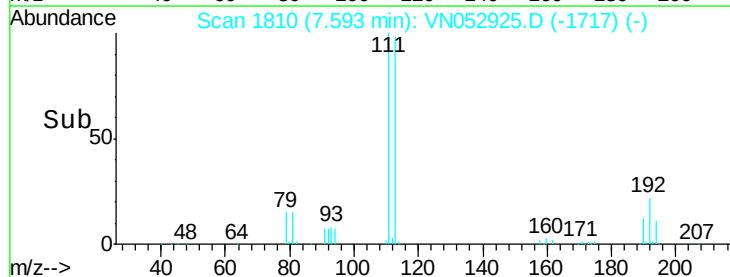
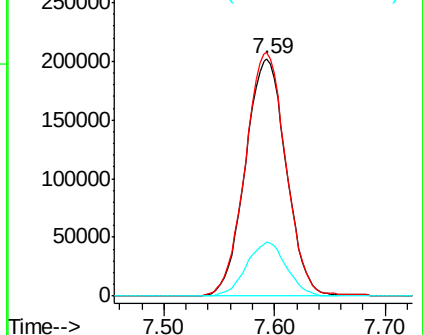


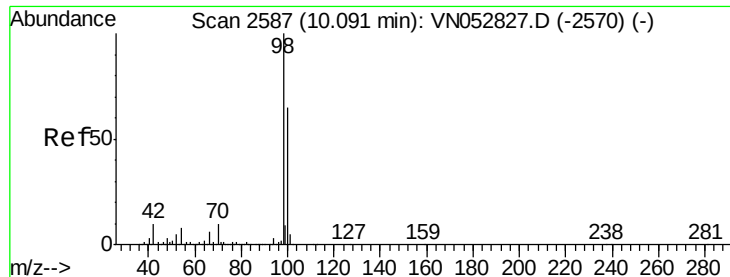
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052925.D
 Acq: 17 Dec 2018 14:17

Tgt Ion:113 Resp: 516467
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.4
 192 22.4 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052925.D

Acq: 17 Dec 2018 14:17

Instrument :

MSVOA_N

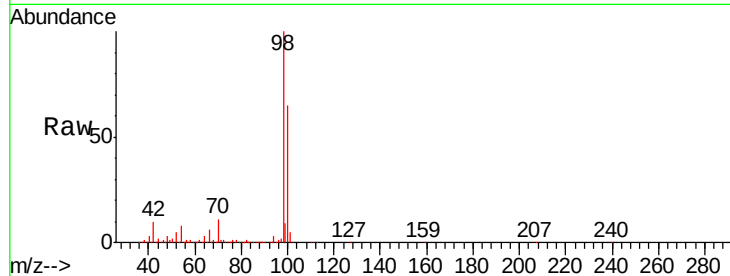
ClientSampled :
23701

Tgt Ion: 98 Resp: 2490441

Ion Ratio Lower Upper

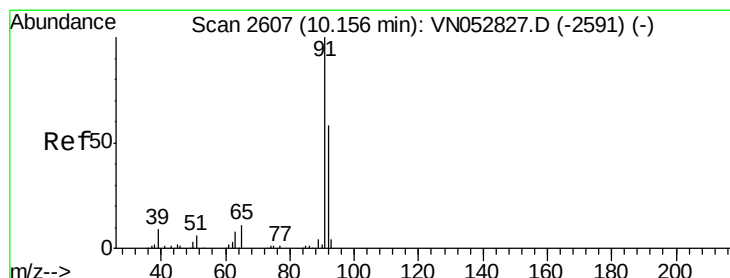
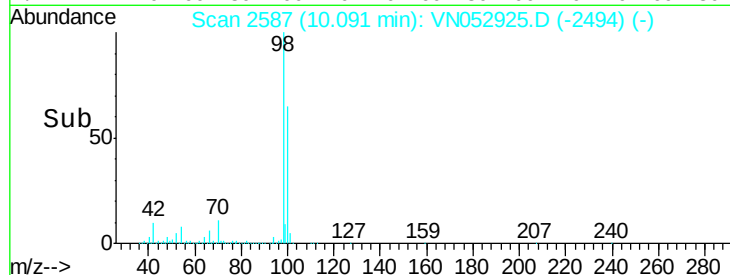
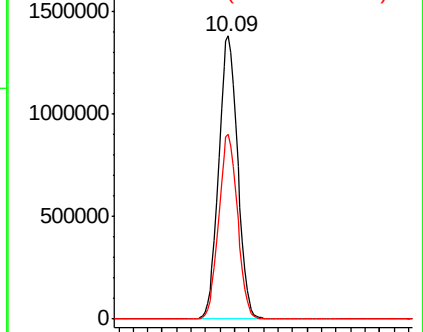
98 100

100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.840 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052925.D

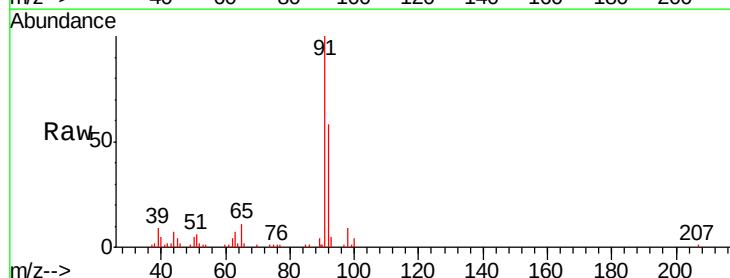
Acq: 17 Dec 2018 14:17

Tgt Ion: 92 Resp: 28787

Ion Ratio Lower Upper

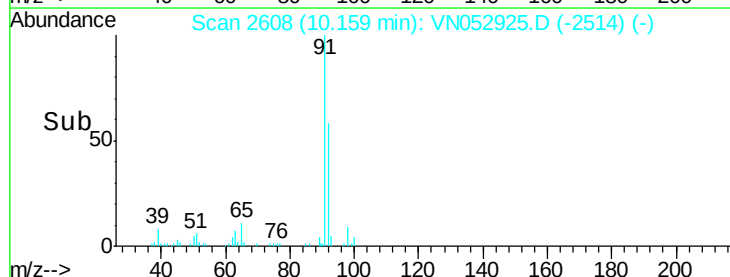
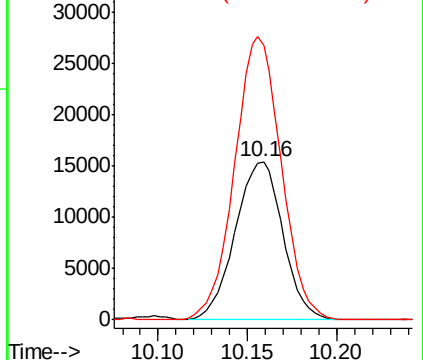
92 100

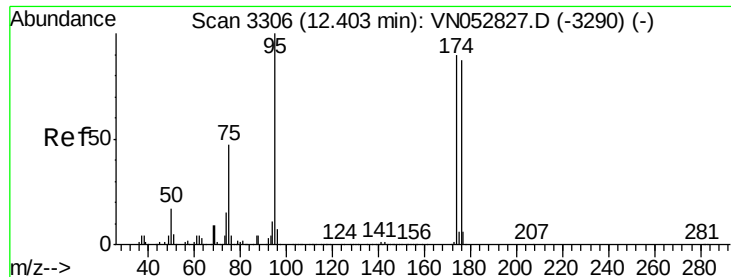
91 175.1 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052925.D

Acq: 17 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampled :

23701

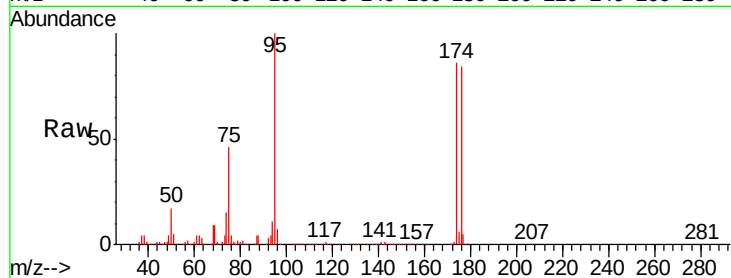
Tgt Ion: 95 Resp: 785330

Ion Ratio Lower Upper

95 100

174 87.7 0.0 178.8

176 85.0 0.0 173.8

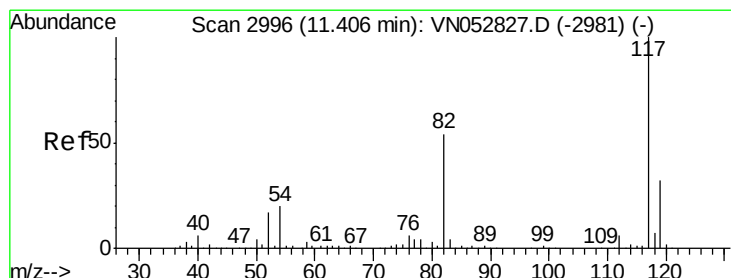
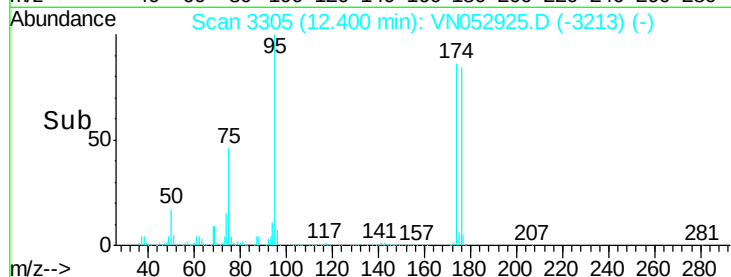


Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052925.D

Acq: 17 Dec 2018 14:17

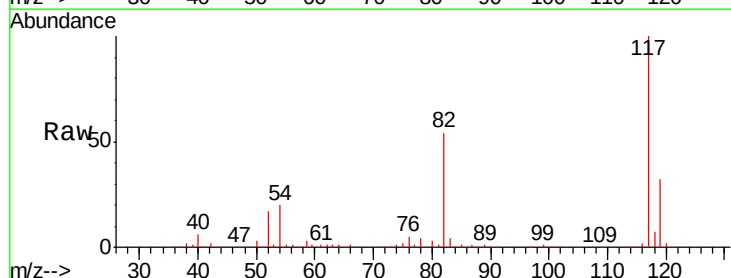
Tgt Ion: 117 Resp: 1775726

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

119 32.0 25.5 38.3

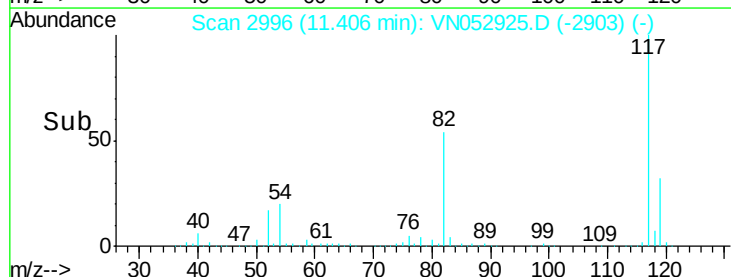


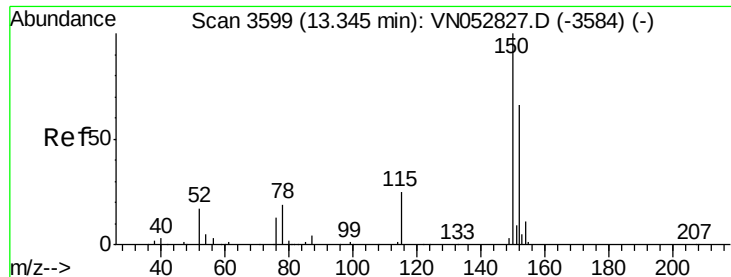
Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052925.D

Acq: 17 Dec 2018 14:17

Instrument :

MSVOA_N

ClientSampleId :

23701

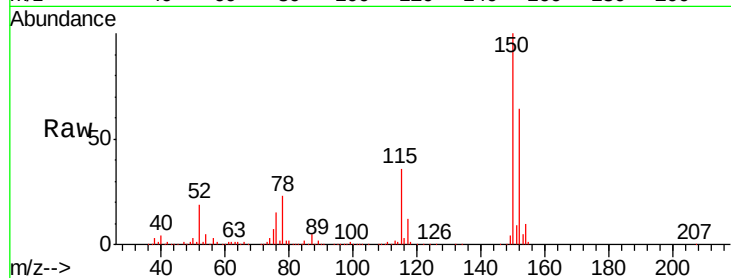
Tgt Ion:152 Resp: 667173

Ion Ratio Lower Upper

152 100

115 55.9 28.3 85.0

150 157.1 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

