

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052924.D
 Acq On : 17 Dec 2018 13:51
 Operator : MD\SY
 Sample : J6438-12 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23691

Quant Time: Dec 18 05:48:25 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

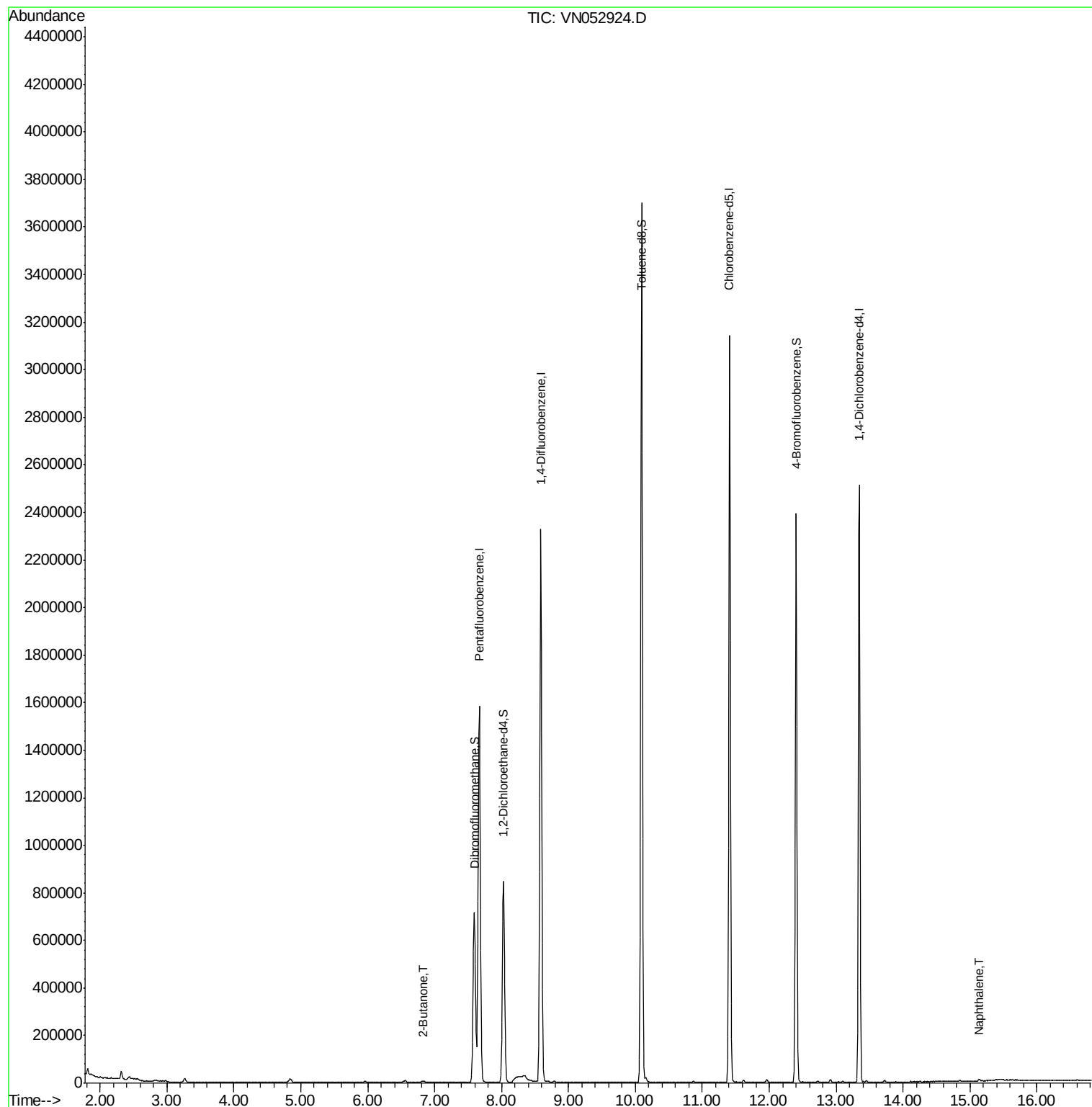
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1391895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2160525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1891389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	720847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	702893	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	7.59	113	554136	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	10.09	98	2639073	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	838613	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
Target Compounds						
25) 2-Butanone	6.84	43	6212	1.204	ug/l	94
95) Naphthalene	15.13	128	6583	0.250	ug/l	98

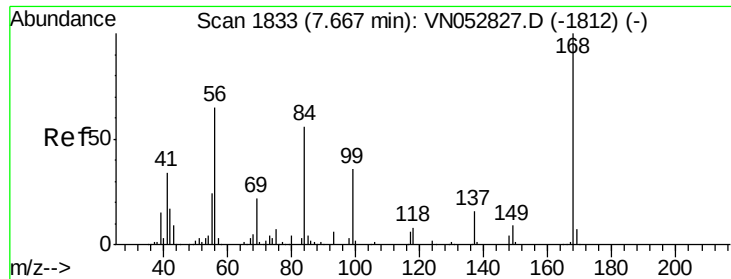
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052924.D

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MSVOA_N

ClientSampleId :

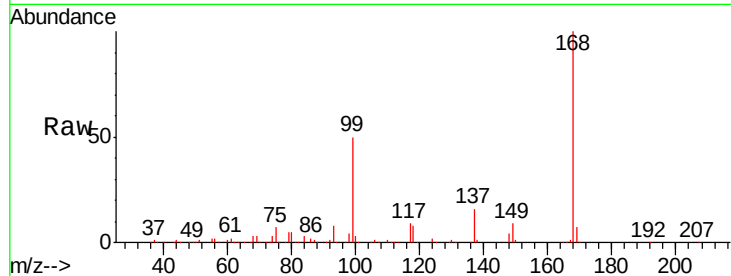
23691

Tgt Ion:168 Resp: 1391895

Ion Ratio Lower Upper

168 100

99 50.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052924.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052924.D (-1740) (-)

7.67

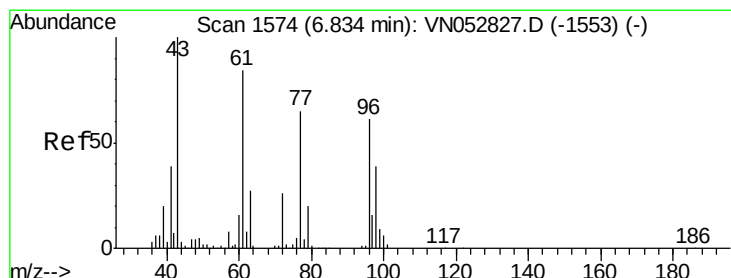
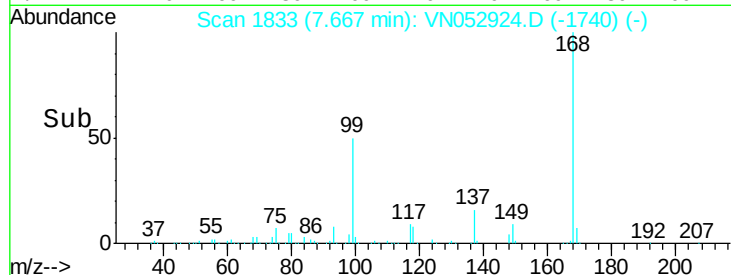
600000

400000

200000

0

Time-->



#25

2-Butanone

Concen: 1.204 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN052924.D

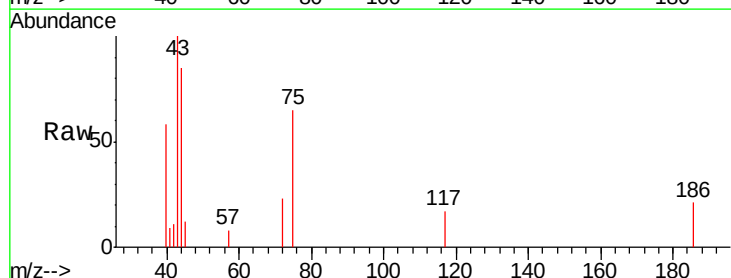
Acq: 17 Dec 2018 13:51

Tgt Ion: 43 Resp: 6212

Ion Ratio Lower Upper

43 100

72 23.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN052924.D (-1481) (-)

Ion 72.00 (71.70 to 72.70): VN052924.D (-1481) (-)

6.84

2000

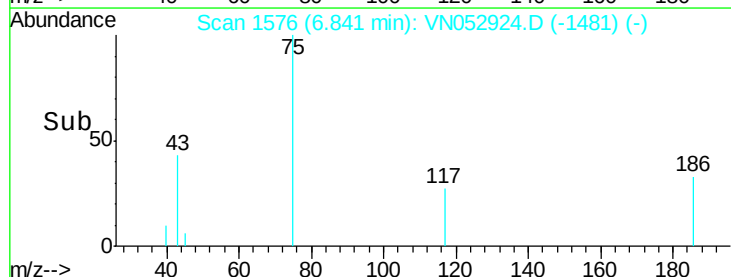
1500

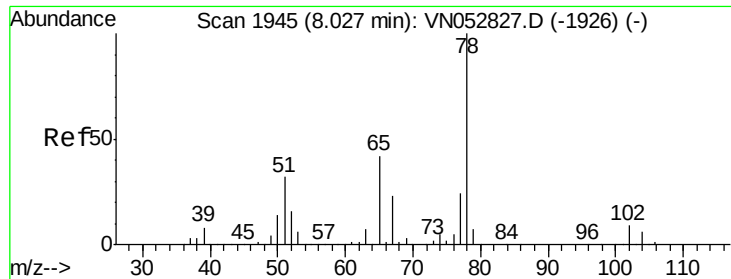
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

Instrument :

MSVOA_N

ClientSampleId :

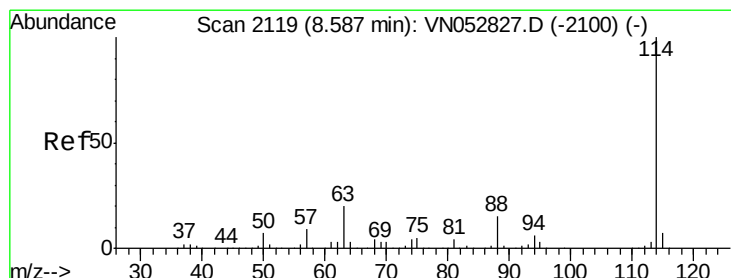
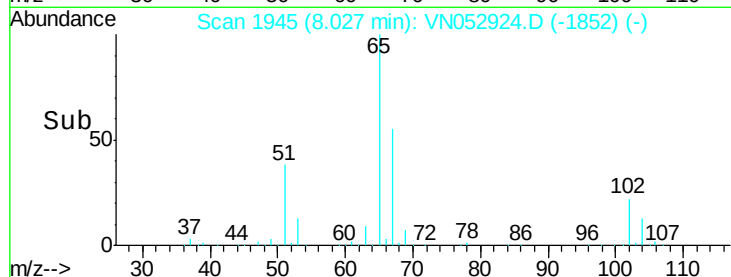
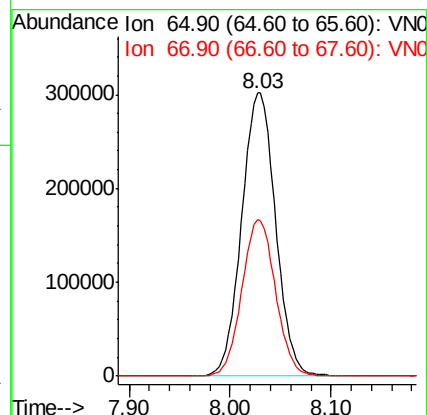
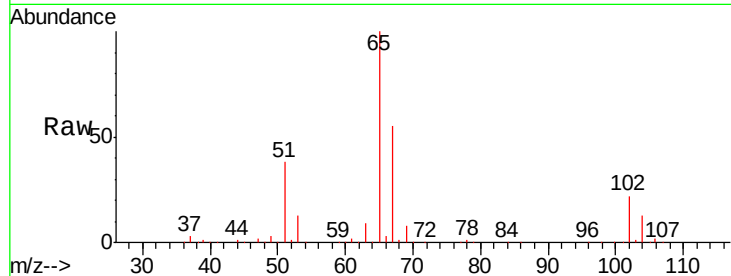
23691

Tgt Ion: 65 Resp: 702893

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: VN052924.D

Acq: 17 Dec 2018 13:51

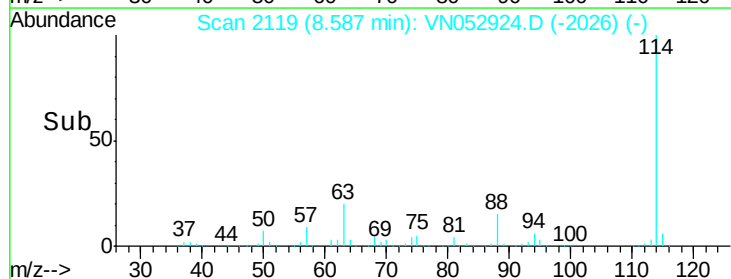
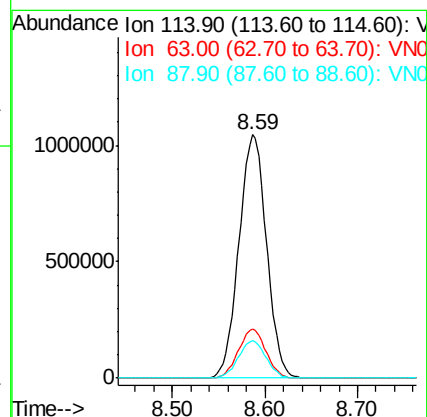
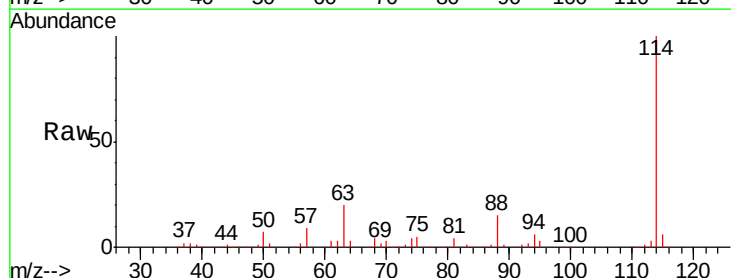
Tgt Ion: 114 Resp: 2160525

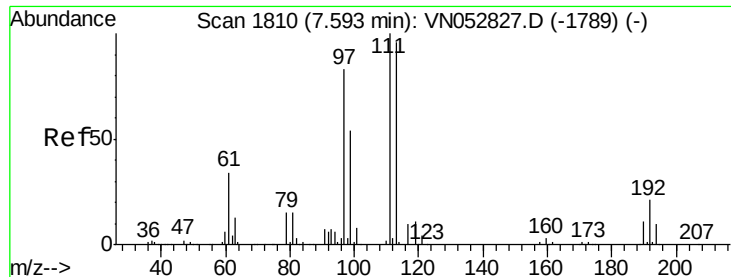
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.4 0.0 31.0

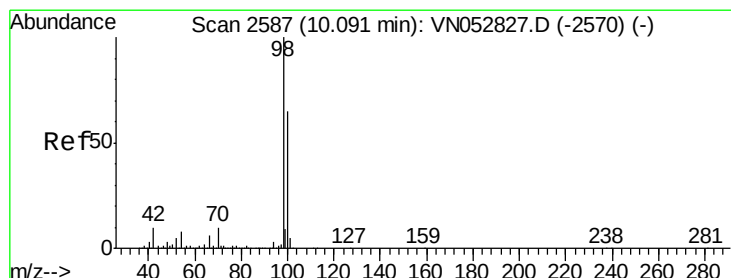
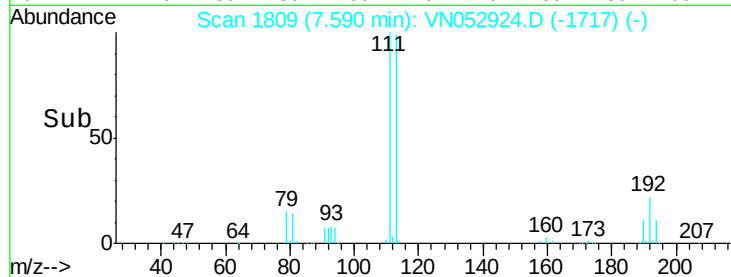
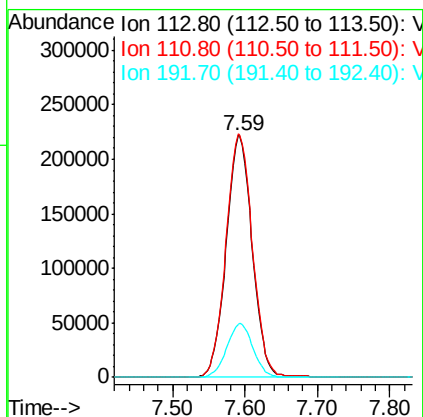
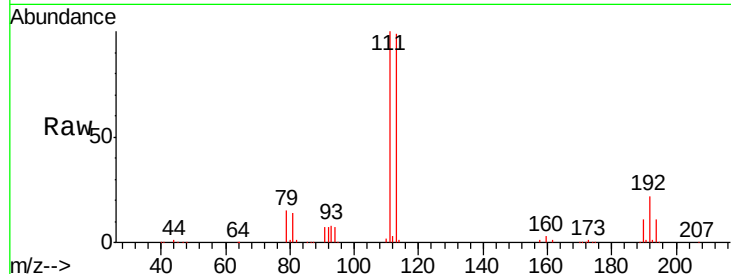




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052924.D
 Acq: 17 Dec 2018 13:51

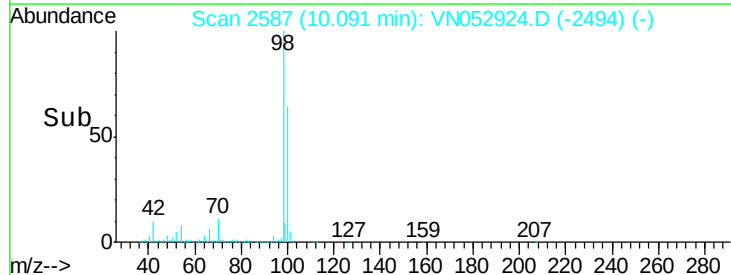
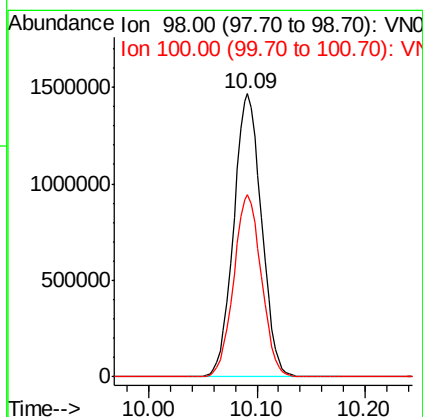
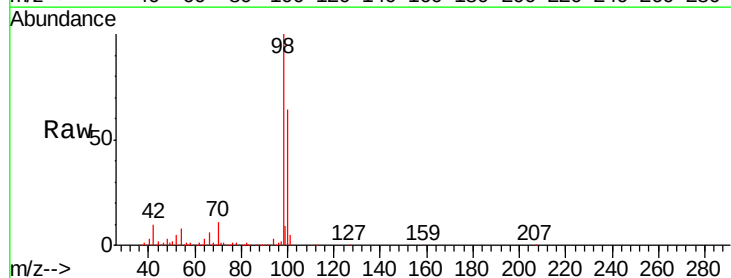
Instrument :
 MSVOA_N
 ClientSampleId :
 23691

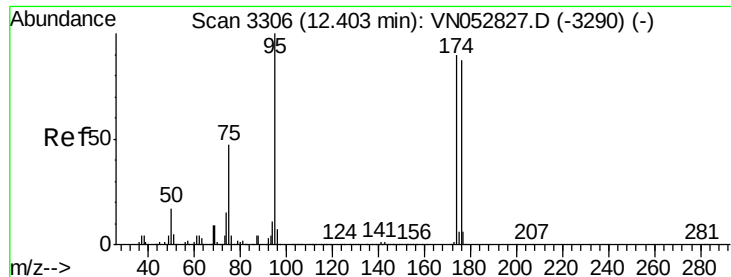
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	22.2	17.5	26.3



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052924.D
 Acq: 17 Dec 2018 13:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

Instrument :

MSVOA_N

ClientSampleId :

23691

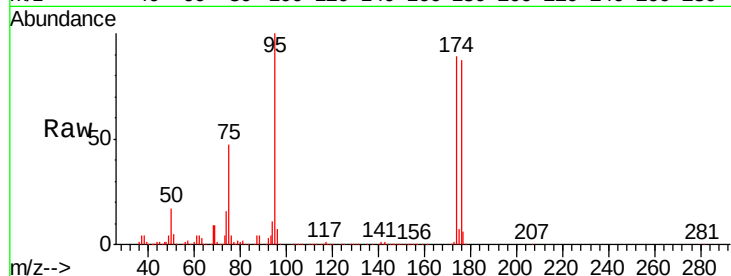
Tgt Ion: 95 Resp: 838613

Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

176 86.3 0.0 173.8

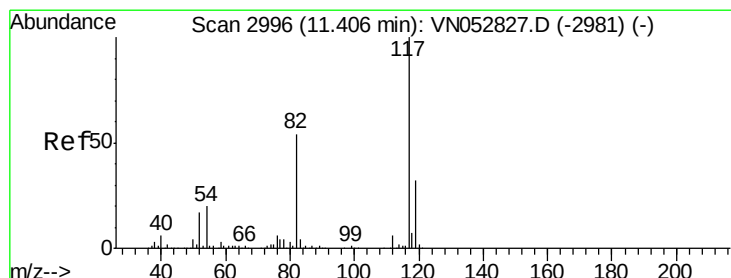
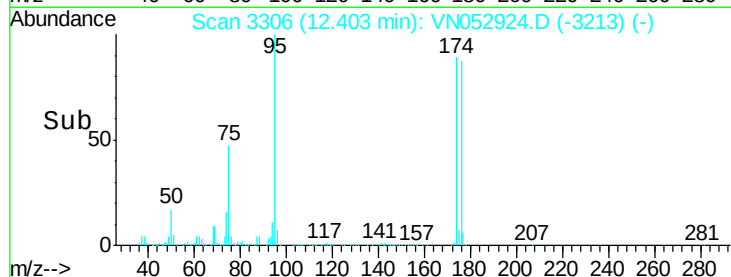


Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

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 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

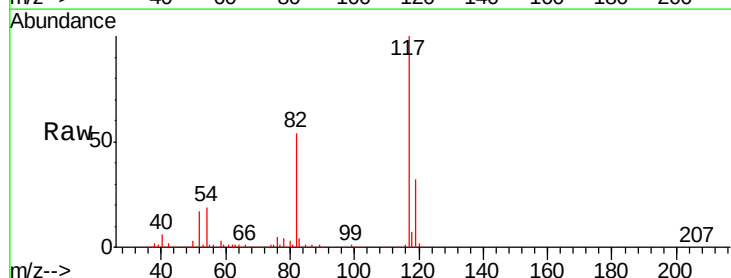
Tgt Ion: 117 Resp: 1891389

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

119 32.3 25.5 38.3

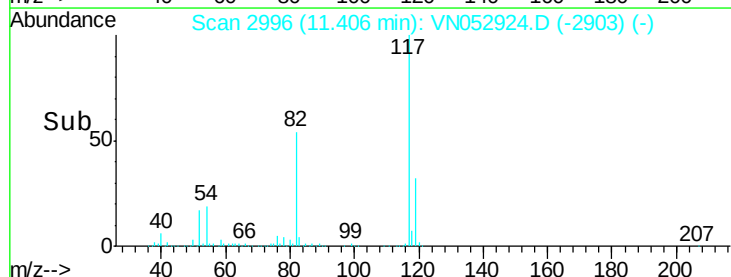


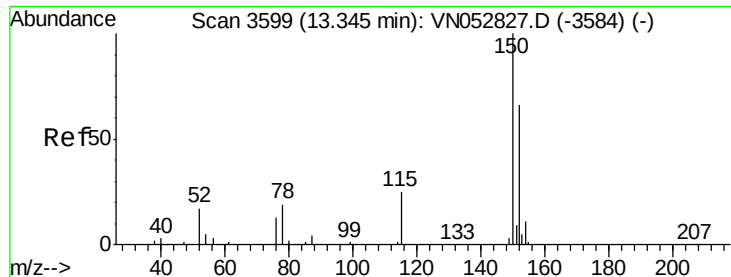
Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

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: VN052924.D

Acq: 17 Dec 2018 13:51

Instrument :

MSVOA_N

ClientSampled :

23691

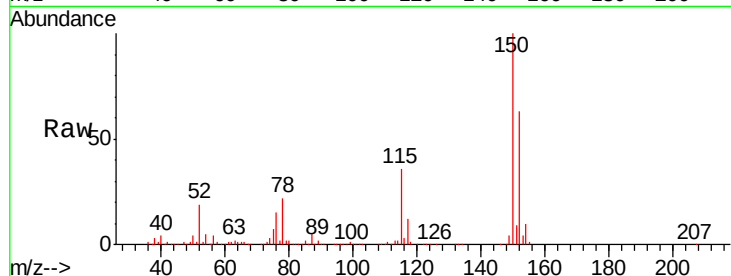
Tgt Ion:152 Resp: 720847

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

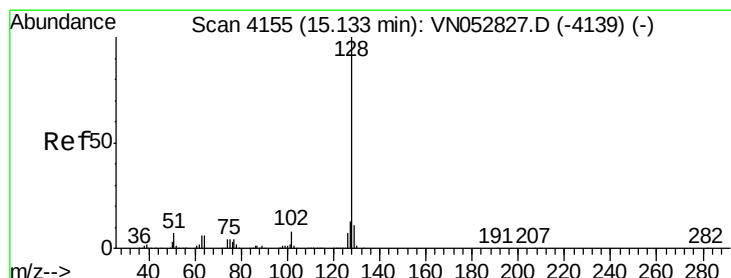
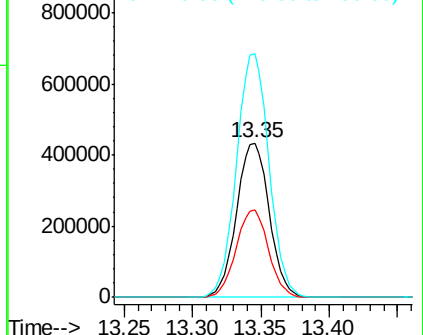
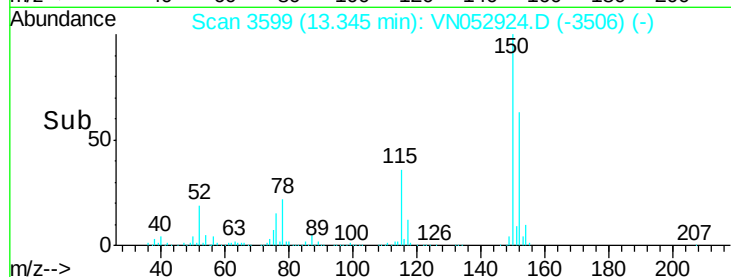
150 157.0 0.0 347.8



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



#95

Naphthalene

Concen: 0.250 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052924.D

Acq: 17 Dec 2018 13:51

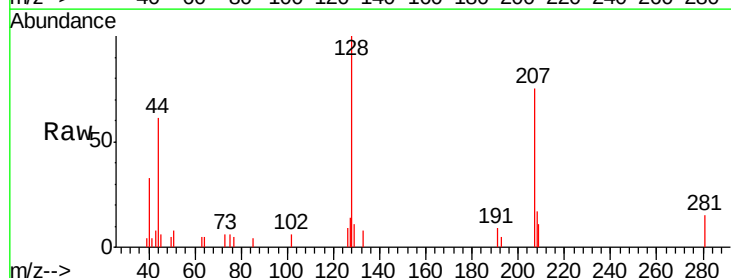
Tgt Ion:128 Resp: 6583

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

129 10.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

