

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052613.D
 Acq On : 30 Nov 2018 18:01
 Operator : MD\SY
 Sample : J5771-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112918-A

Quant Time: Dec 01 02:29:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

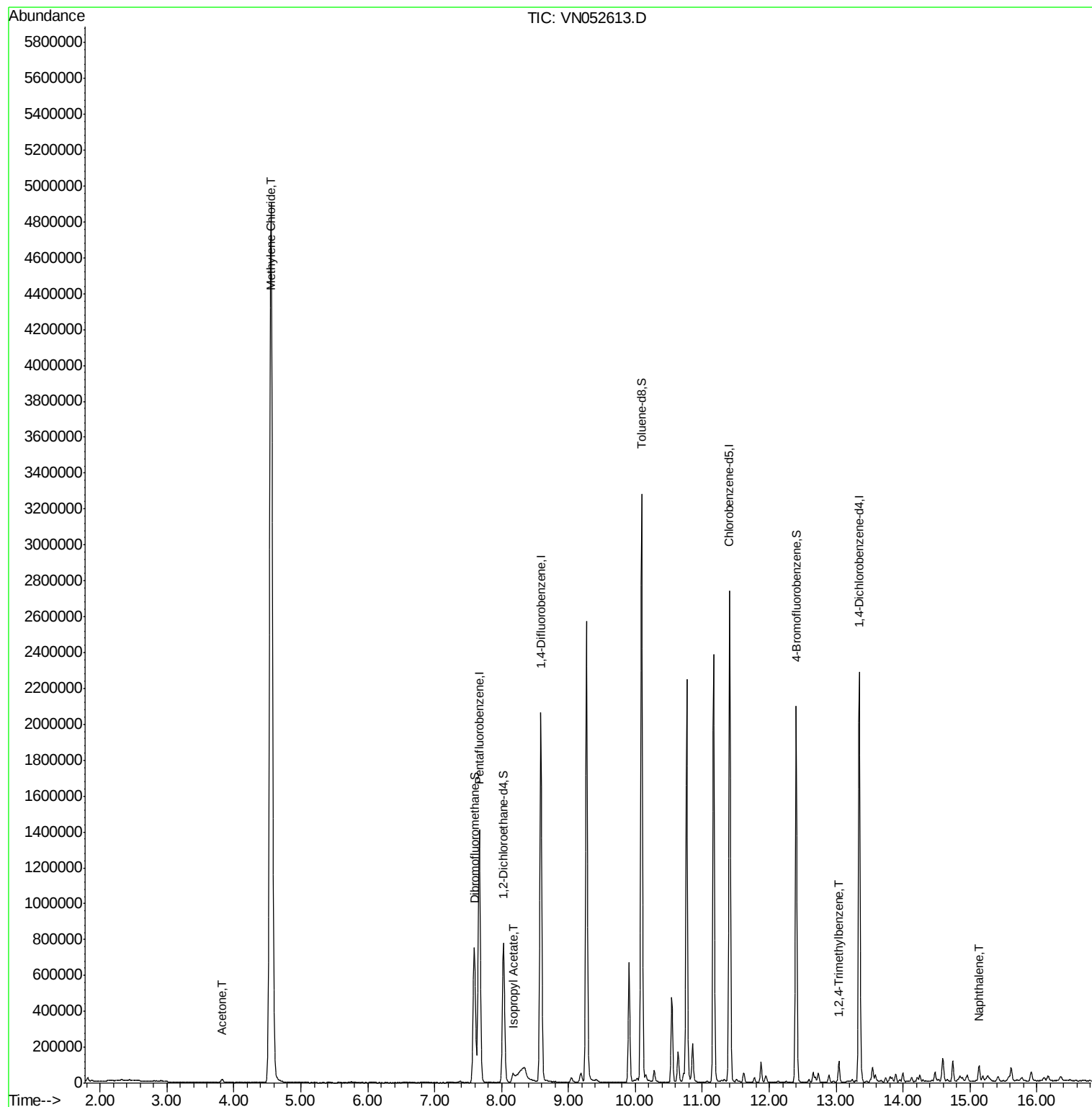
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1232393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1903234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1654695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	641383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	654037	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
35) Dibromofluoromethane	7.59	113	588622	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
50) Toluene-d8	10.09	98	2325949	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	723330	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
Target Compounds						
16) Acetone	3.82	43	31655	8.944	ug/l	99
20) Methylene Chloride	4.55	84	3764374	271.794	ug/l	99
43) Isopropyl Acetate	8.17	43	67377	3.630	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.04	105	66030	1.642	ug/l	99
95) Naphthalene	15.14	128	75722	6.349	ug/l	99

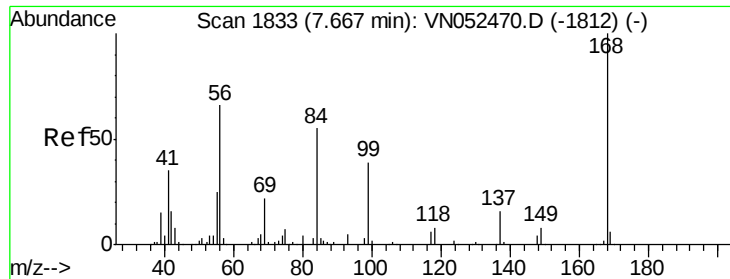
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052613.D

Acq: 30 Nov 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

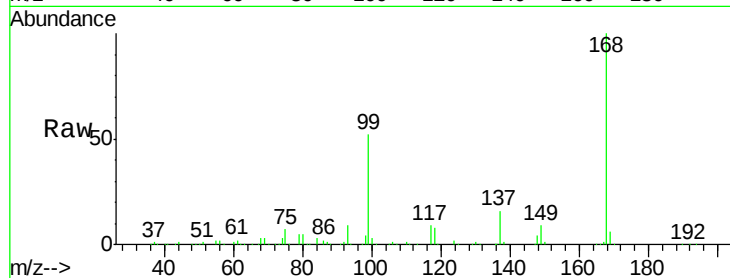
EO-02-112918-A

Tgt Ion:168 Resp: 1232393

Ion Ratio Lower Upper

168 100

99 52.1 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

600000

500000

400000

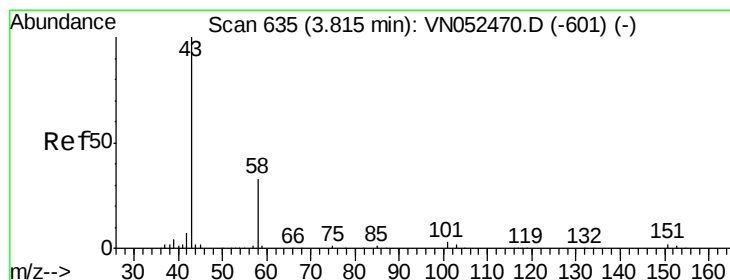
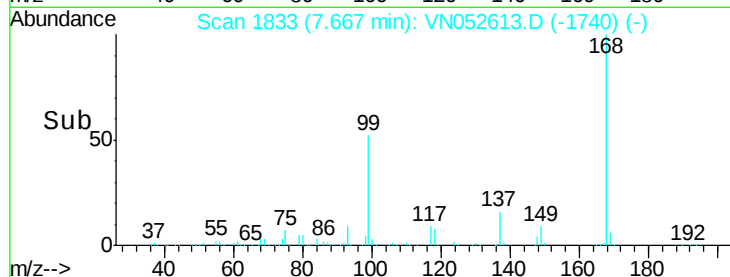
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.944 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052613.D

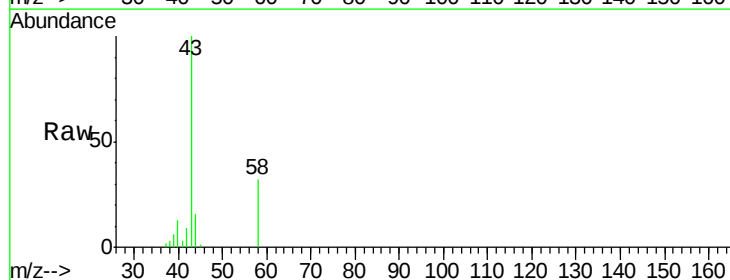
Acq: 30 Nov 2018 18:01

Tgt Ion: 43 Resp: 31655

Ion Ratio Lower Upper

43 100

58 32.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

12000

10000

8000

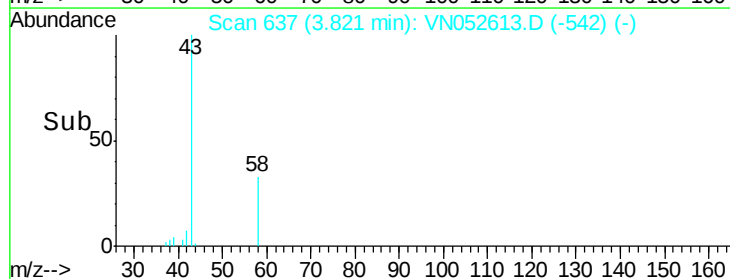
6000

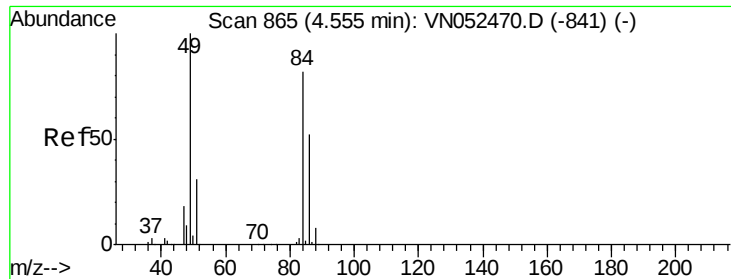
4000

2000

0

Time-->



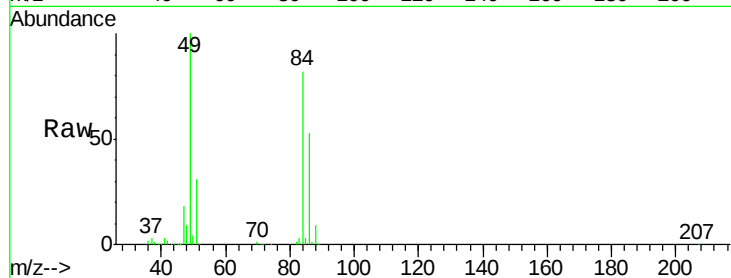


#20
Methylene Chloride
Concen: 271.794 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052613.D
Acq: 30 Nov 2018 18:01

Instrument :
MSVOA_N
ClientSampleId :
EO-02-112918-A

Tgt Ion: 84 Resp: 3764374

Ion	Ratio	Lower	Upper
84	100		
49	121.3	98.0	147.0
51	37.4	30.1	45.1
86	64.3	50.7	76.1

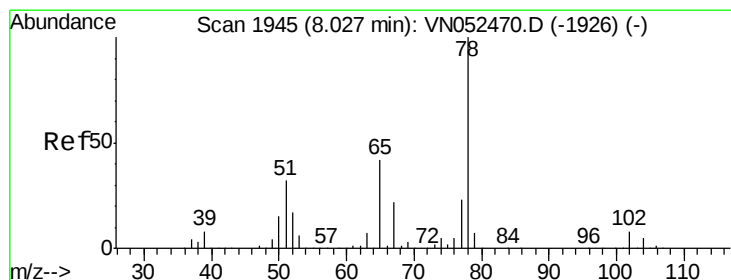
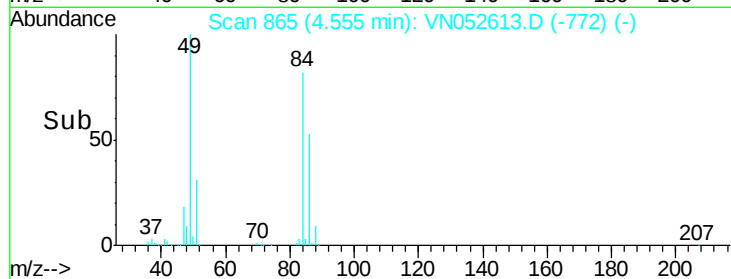
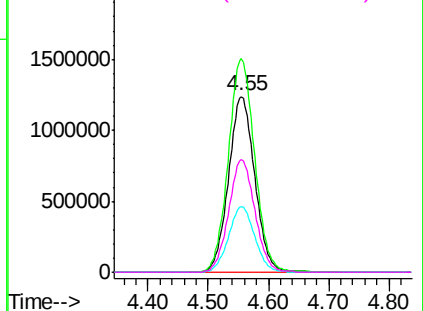


Abundance Ion 83.90 (83.60 to 84.60): VN052470.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN052470.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN052470.D (-841) (-)

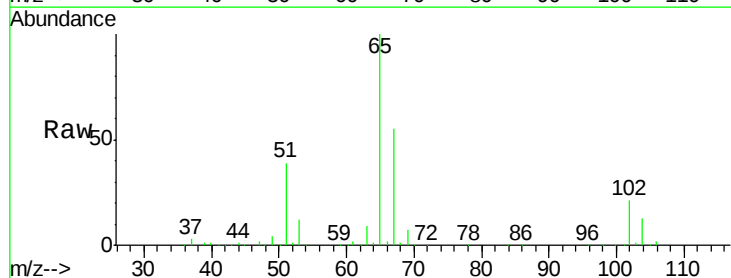
Ion 85.90 (85.60 to 86.60): VN052470.D (-841) (-)



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052613.D
Acq: 30 Nov 2018 18:01

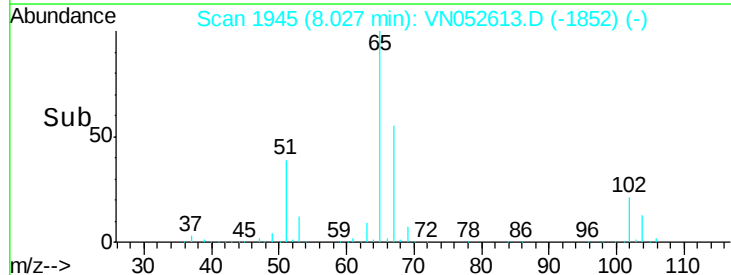
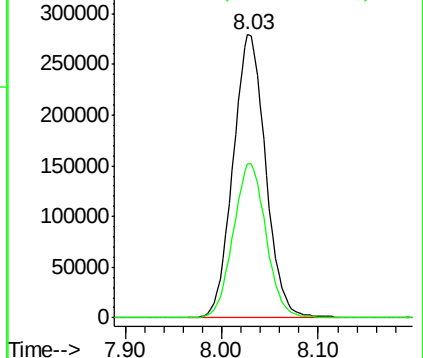
Tgt Ion: 65 Resp: 654037

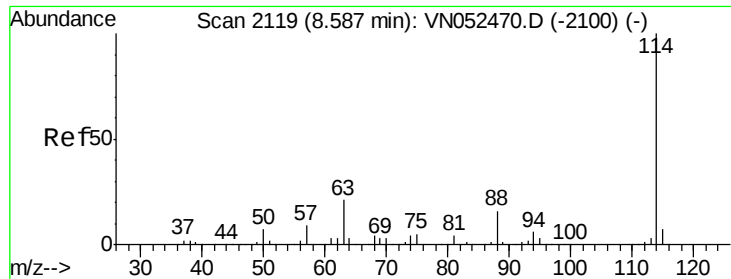
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052470.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052470.D (-1926) (-)

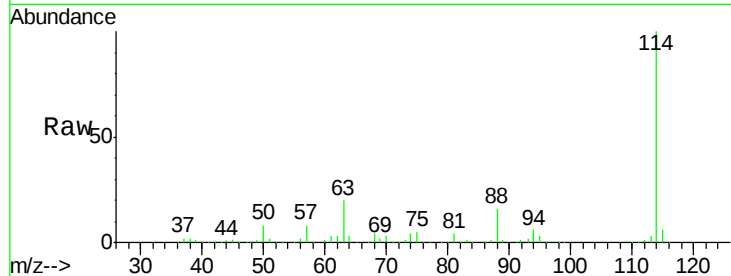




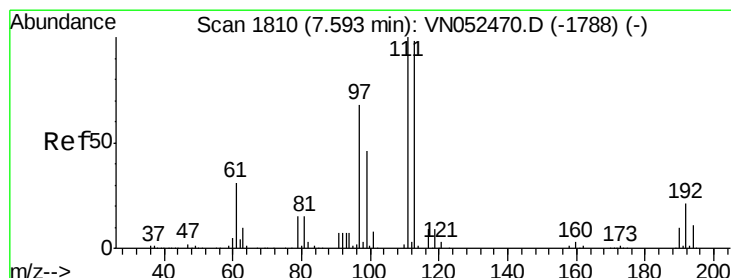
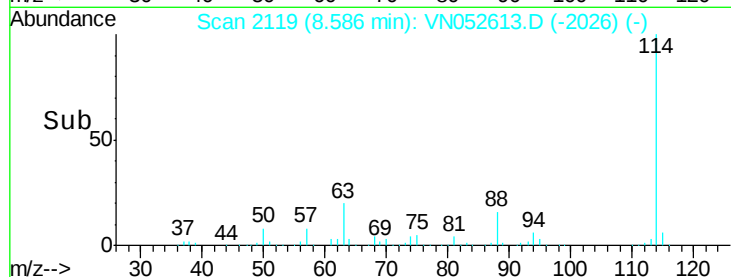
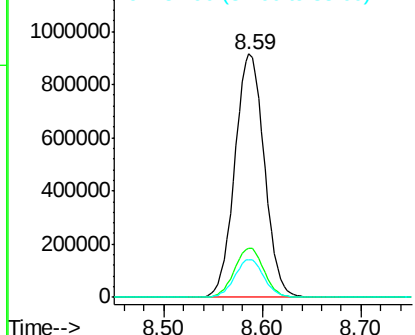
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052613.D
 Acq: 30 Nov 2018 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112918-A

Tgt Ion:114 Resp: 1903234
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.8
 88 15.7 0.0 31.6

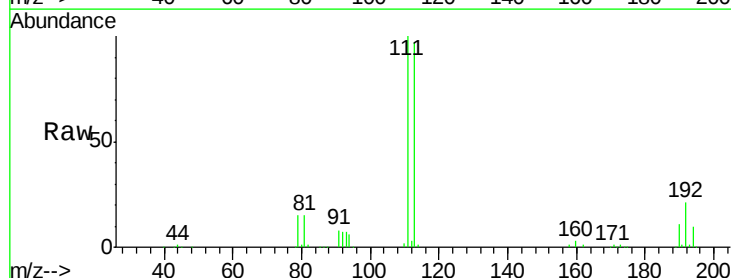


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

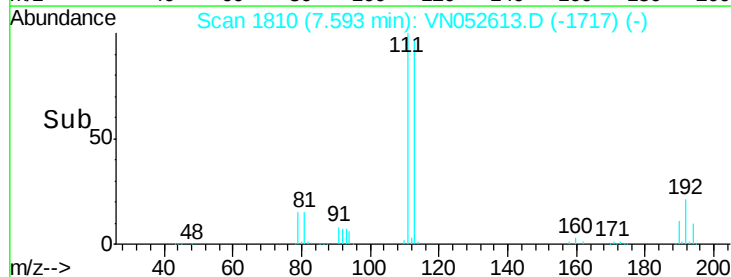
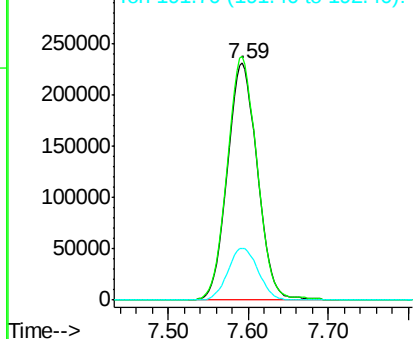


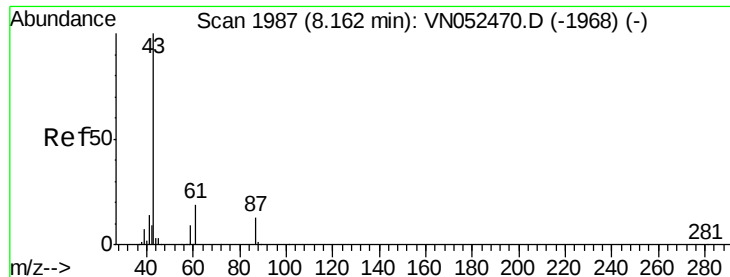
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052613.D
 Acq: 30 Nov 2018 18:01

Tgt Ion:113 Resp: 588622
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 22.3 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 3.630 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052613.D

Acq: 30 Nov 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112918-A

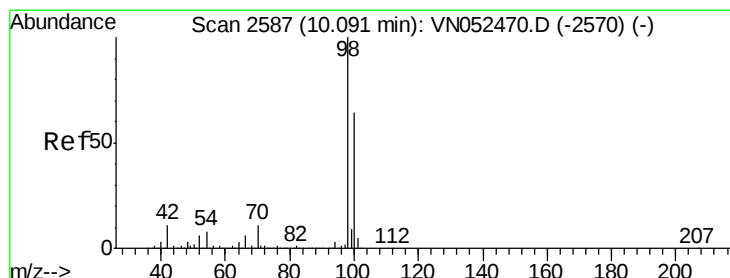
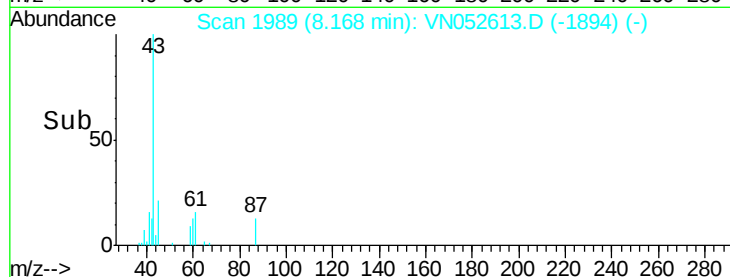
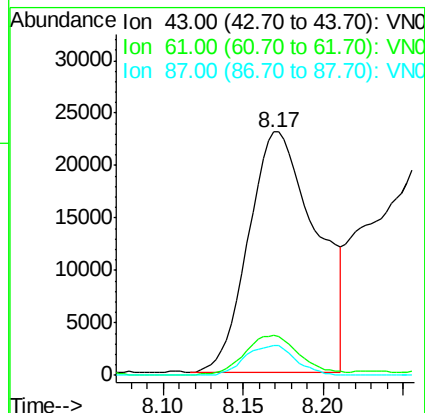
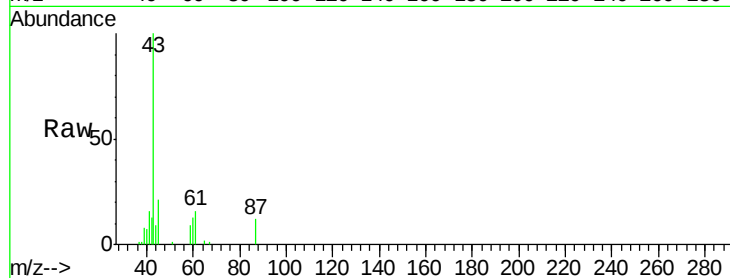
Tgt Ion: 43 Resp: 67377

Ion Ratio Lower Upper

43 100

61 13.5 24.1 36.1#

87 9.1 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052613.D

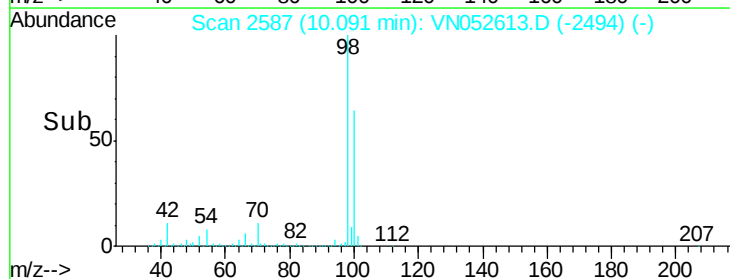
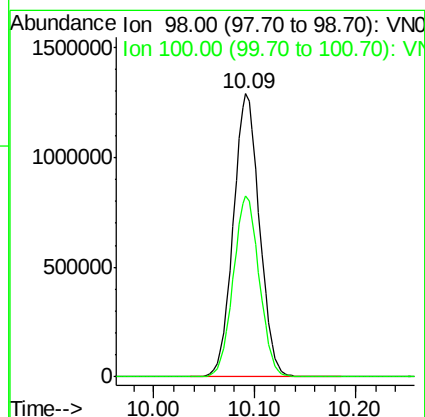
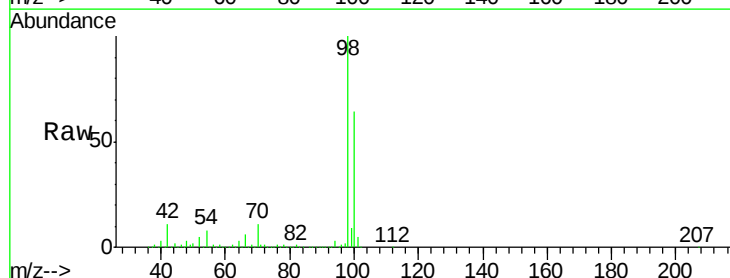
Acq: 30 Nov 2018 18:01

Tgt Ion: 98 Resp: 2325949

Ion Ratio Lower Upper

98 100

100 63.8 51.3 76.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052613.D

Acq: 30 Nov 2018 18:01

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112918-A

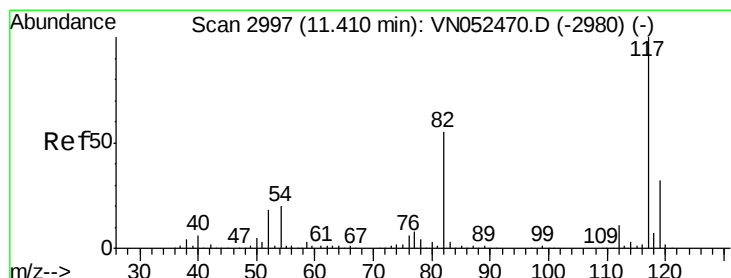
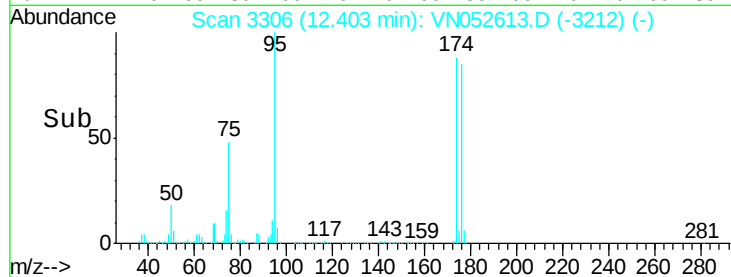
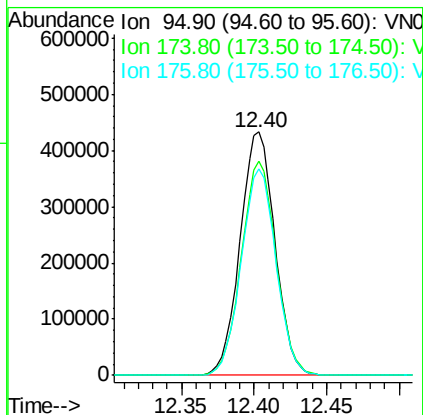
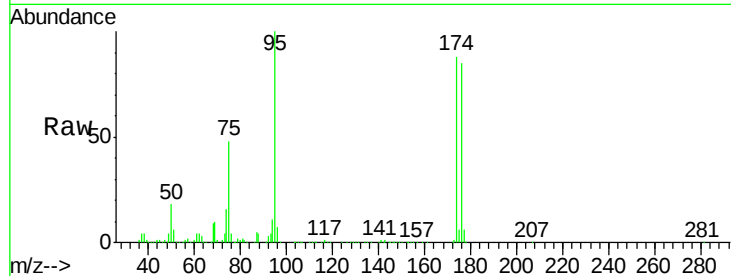
Tgt Ion: 95 Resp: 723330

Ion Ratio Lower Upper

95 100

174 87.8 0.0 173.0

176 84.8 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052613.D

Acq: 30 Nov 2018 18:01

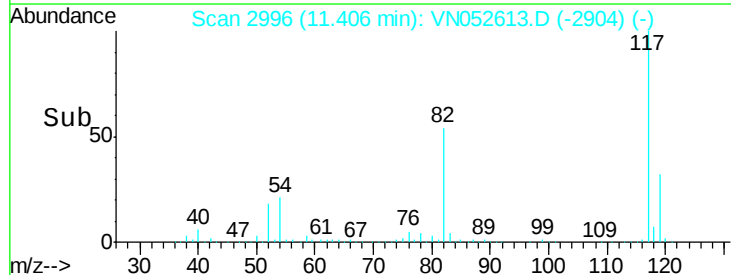
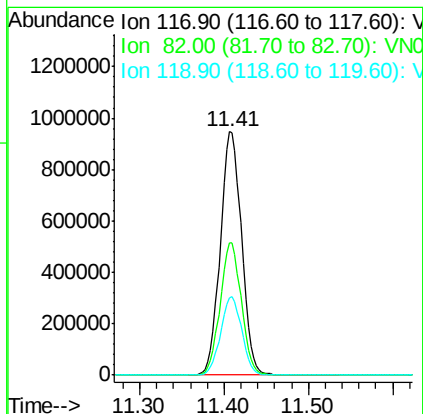
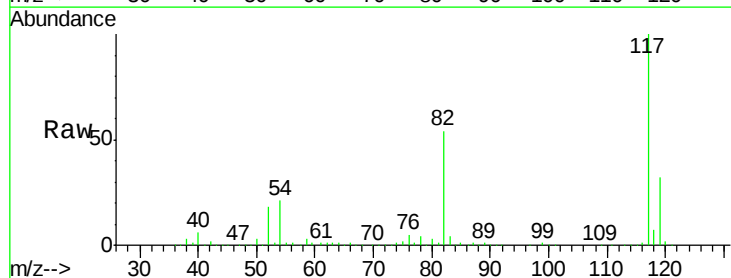
Tgt Ion: 117 Resp: 1654695

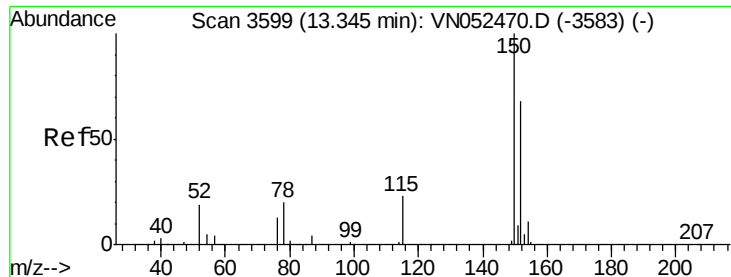
Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

119 31.8 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052613.D

Acq: 30 Nov 2018 18:01

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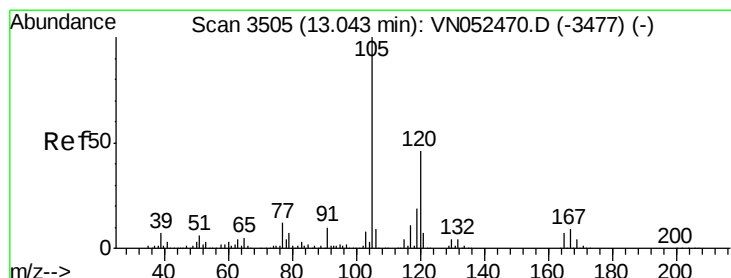
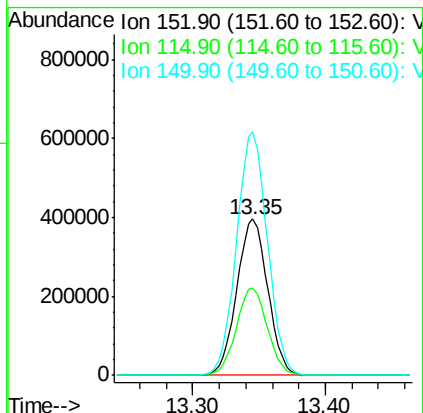
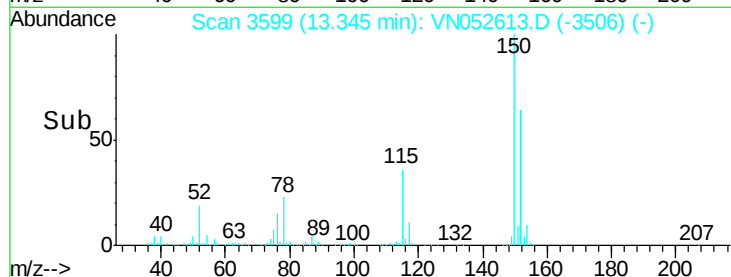
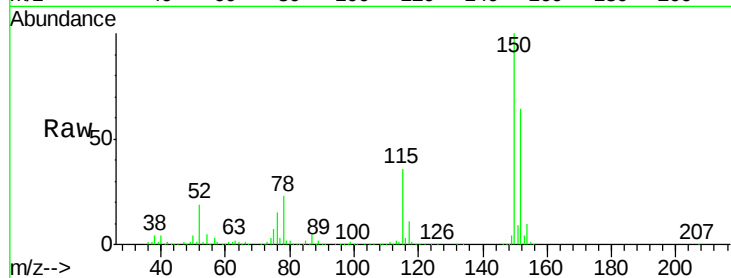
Tgt Ion:152 Resp: 641383

Ion Ratio Lower Upper

152 100

115 56.4 28.4 85.2

150 155.7 0.0 346.0



#84

1,2,4-Trimethylbenzene

Concen: 1.642 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN052613.D

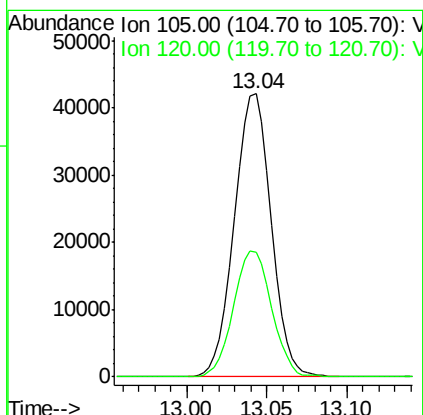
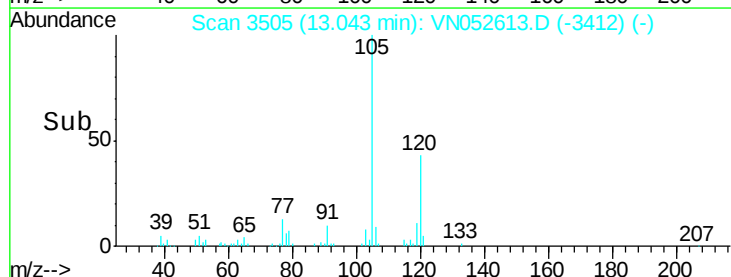
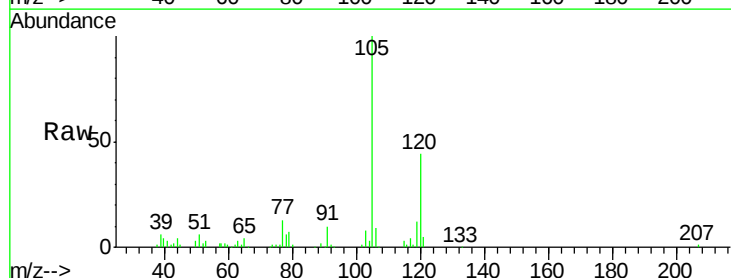
Acq: 30 Nov 2018 18:01

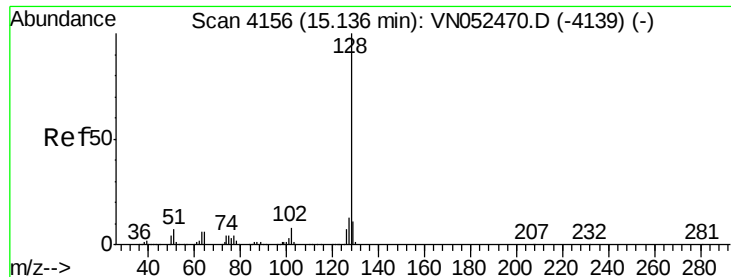
Tgt Ion:105 Resp: 66030

Ion Ratio Lower Upper

105 100

120 46.1 22.8 68.4





#95

Naphthalene

Concen: 6.349 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052613.D

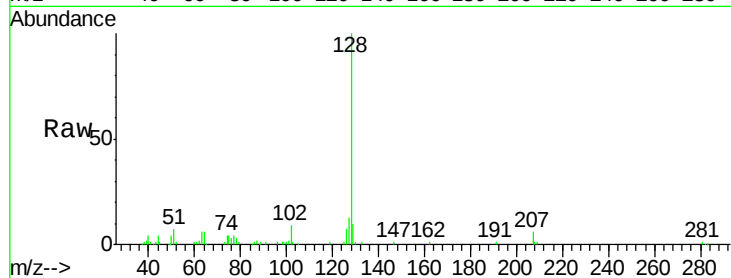
Acq: 30 Nov 2018 18:01

Instrument :

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Tgt Ion:128 Resp: 75722

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.0 8.7 13.1

