

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059601.D
 Acq On : 16 Dec 2019 14:32
 Operator : JC/SP
 Sample : PB125424TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB125424TB

Quant Time: Dec 17 05:45:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

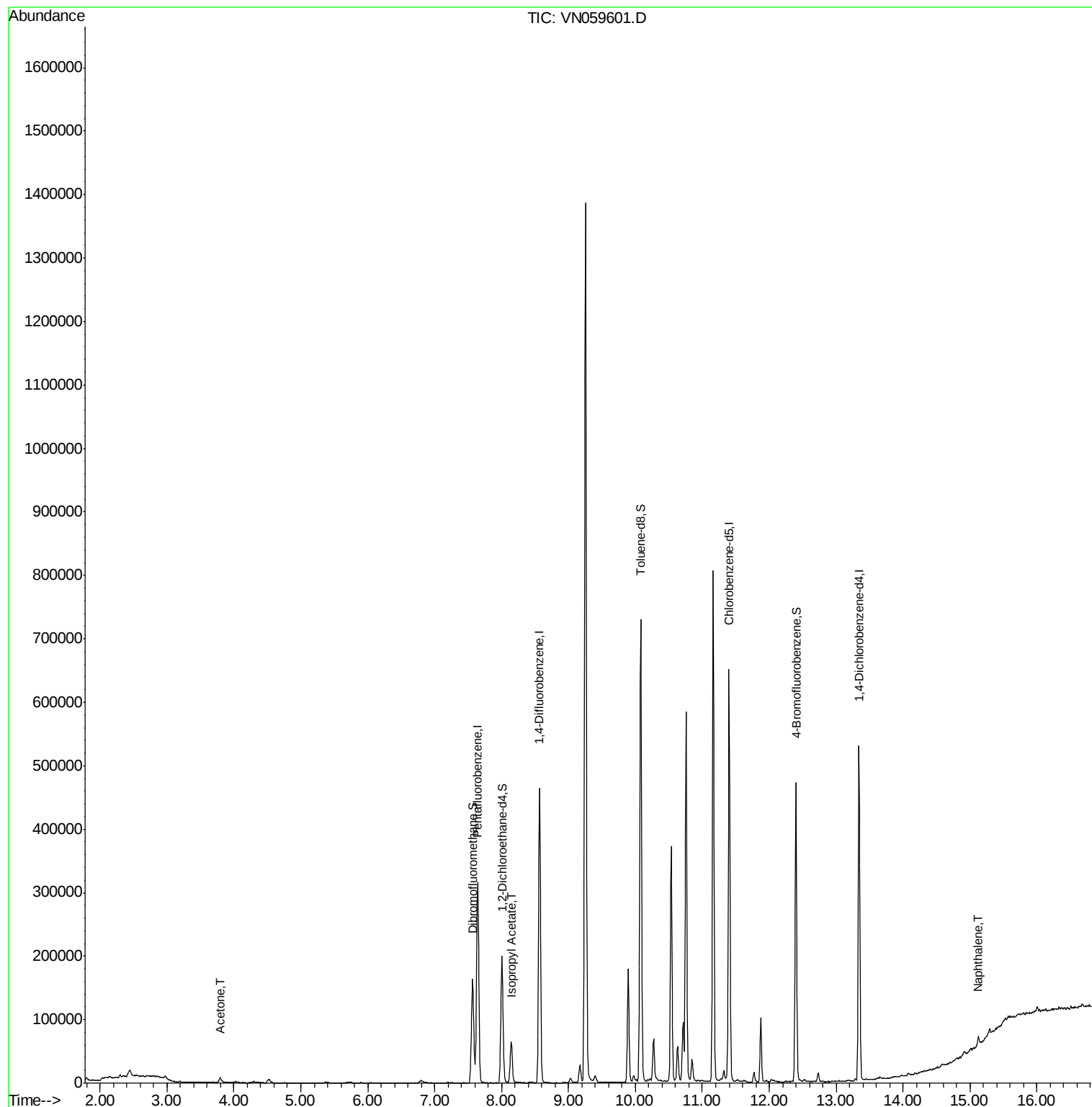
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	394496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	352519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	174669	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.57	113	124448	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.08	98	491123	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	160155	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.82%	
Target Compounds						
16) Acetone	3.80	43	14258	6.686	ug/l	98
43) Isopropyl Acetate	8.14	43	76842	10.336	ug/l #	91
95) Naphthalene	15.13	128	9732	1.068	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059601.D

Acq: 16 Dec 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

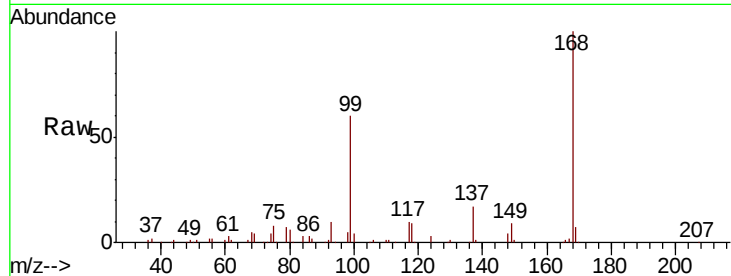
PB125424TB

Tot Ion:168 Resp: 246856

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

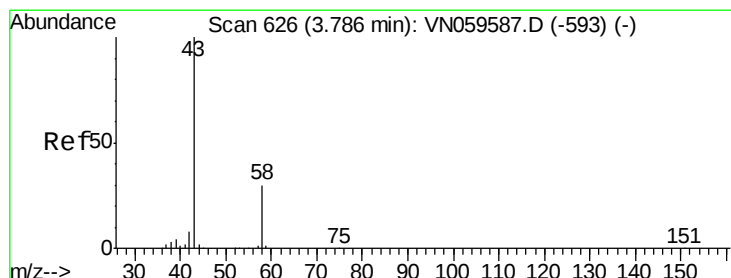
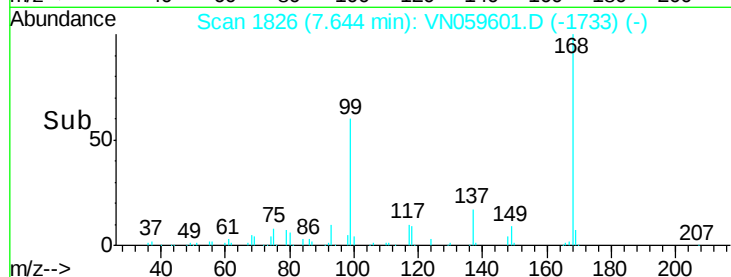
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.686 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059601.D

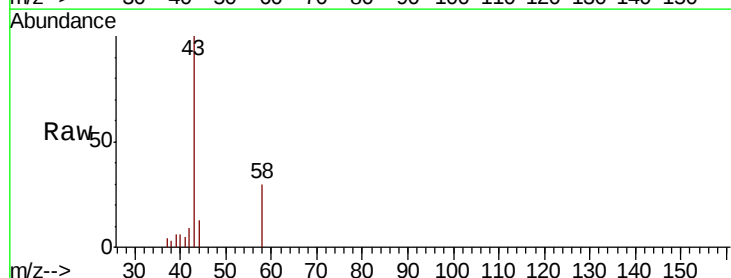
Acq: 16 Dec 2019 14:32

Tgt Ion: 43 Resp: 14258

Ion Ratio Lower Upper

43 100

58 30.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.80

5000

4000

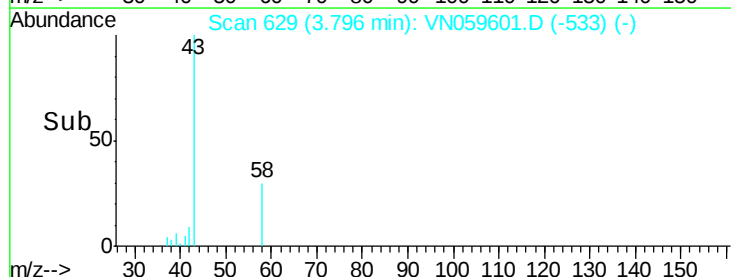
3000

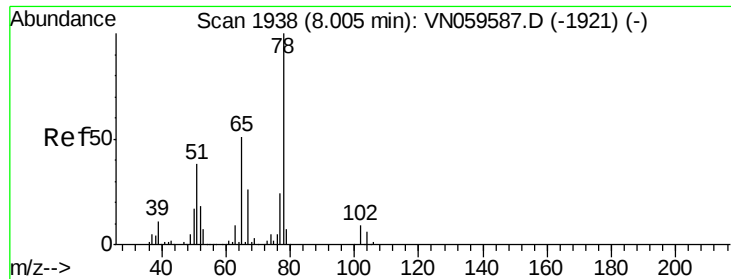
2000

1000

0

Time-->

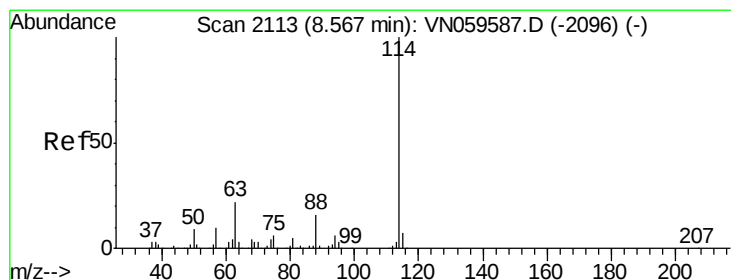
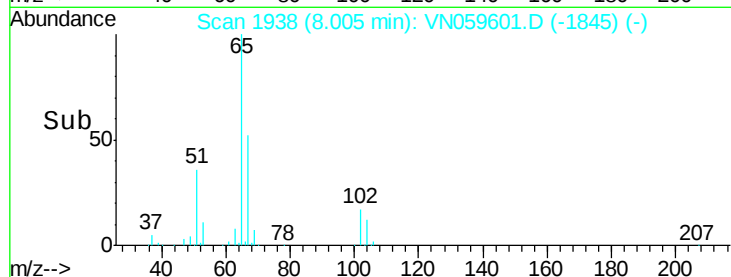
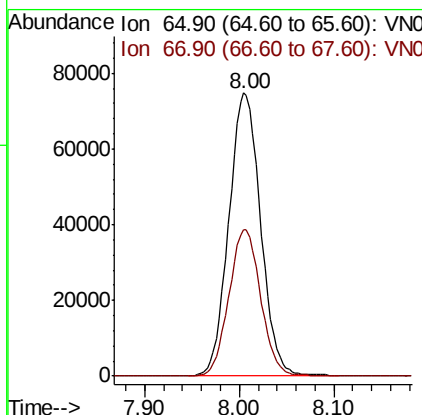
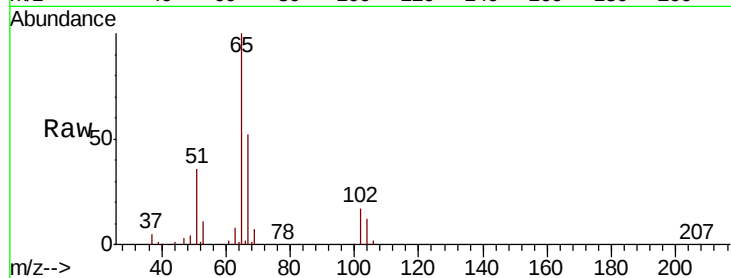




#33
 1,2-Dichloroethane-d4
 Concen: 48.626 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059601.D
 Acq: 16 Dec 2019 14:32

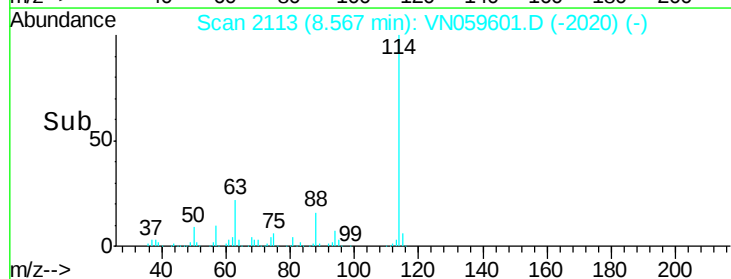
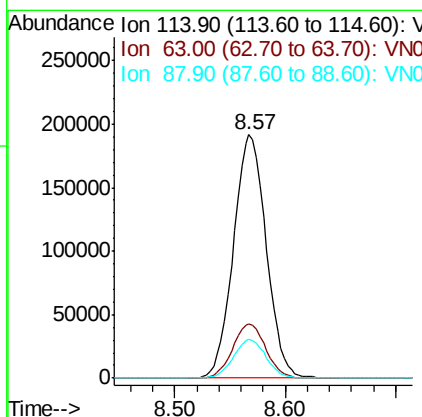
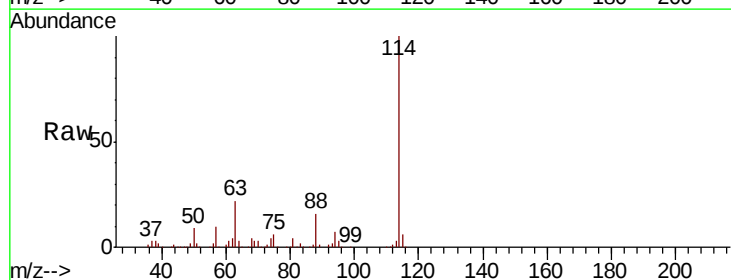
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125424TB

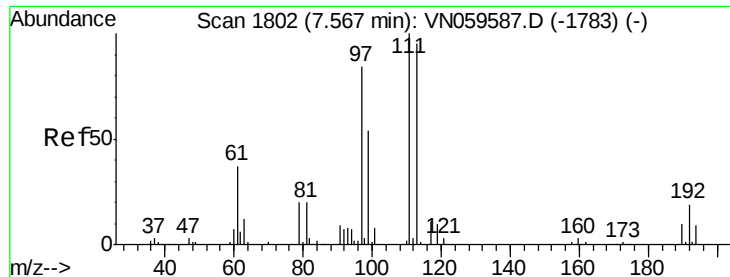
Tot Ion: 65 Resp: 174669
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059601.D
 Acq: 16 Dec 2019 14:32

Tgt Ion: 114 Resp: 394496
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.6
 88 16.1 0.0 31.4

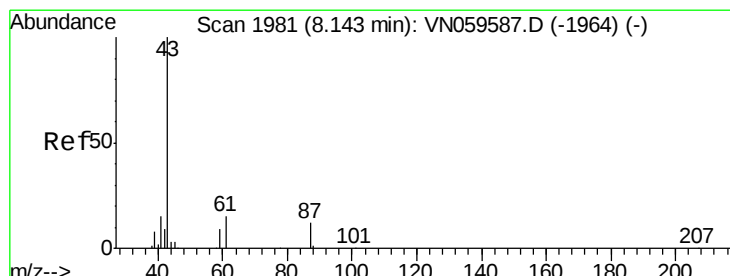
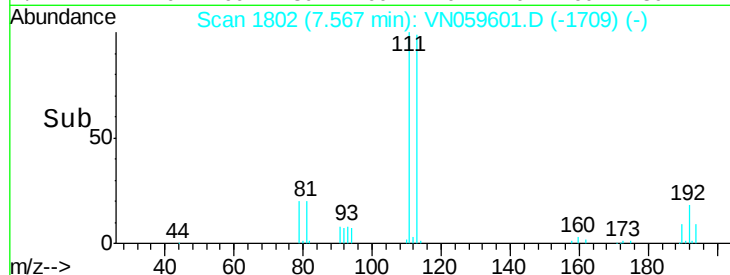
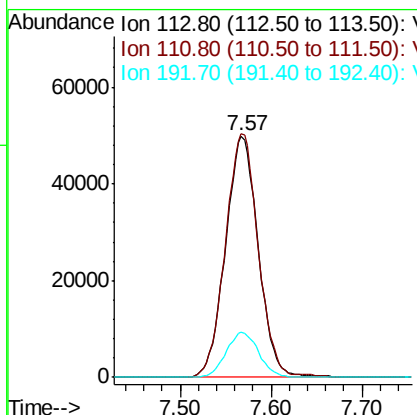
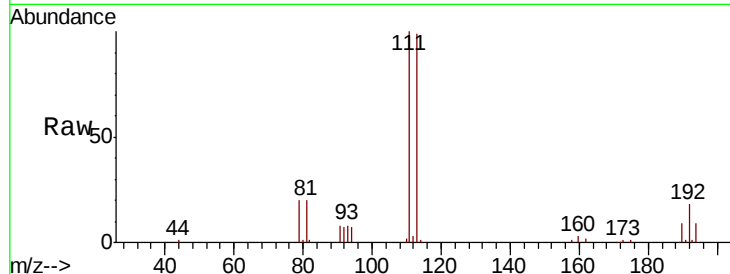




#35
 Dibromofluoromethane
 Concen: 50.418 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059601.D
 Acq: 16 Dec 2019 14:32

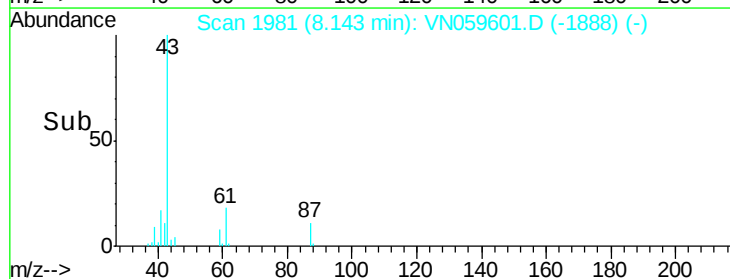
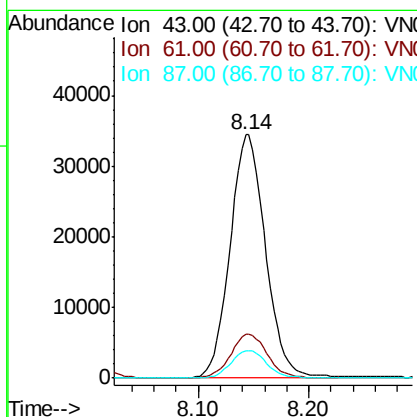
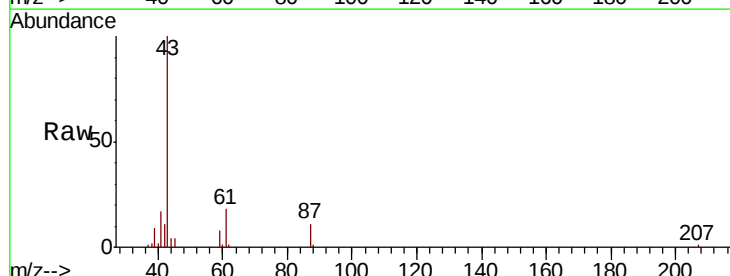
Instrument :
 MSVOA_N
 ClientSampleId :
 PB125424TB

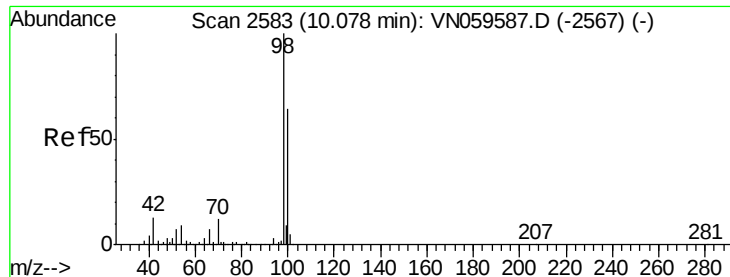
Tot Ion:113 Resp: 124448
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.5 125.3
 192 18.5 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 10.336 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059601.D
 Acq: 16 Dec 2019 14:32

Tgt Ion: 43 Resp: 76842
 Ion Ratio Lower Upper
 43 100
 61 18.5 20.2 30.2#
 87 11.4 9.5 14.3





#50

Toluene-d8

Concen: 50.256 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059601.D

Acq: 16 Dec 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

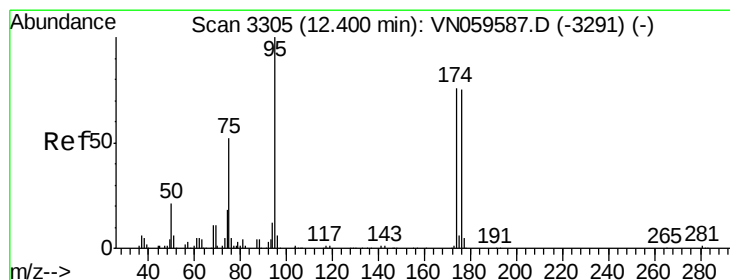
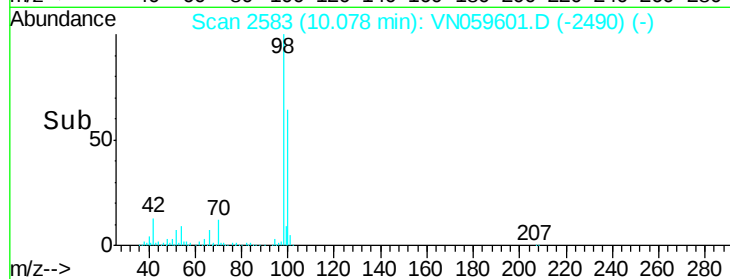
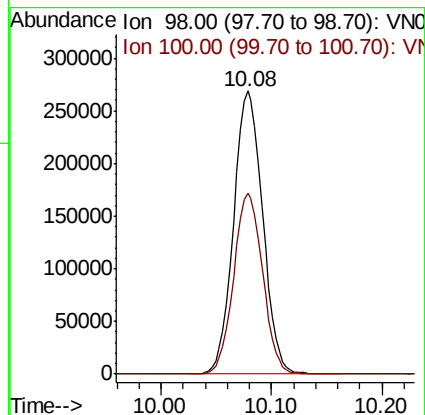
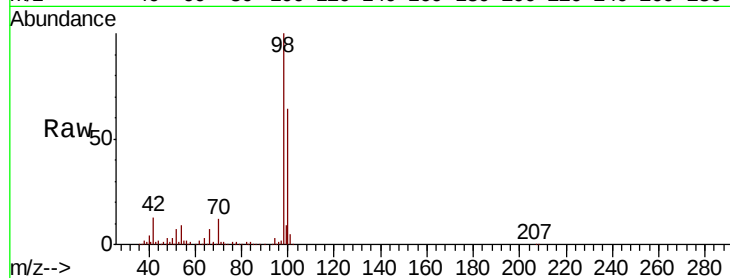
PB125424TB

Tot Ion: 98 Resp: 491123

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.913 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059601.D

Acq: 16 Dec 2019 14:32

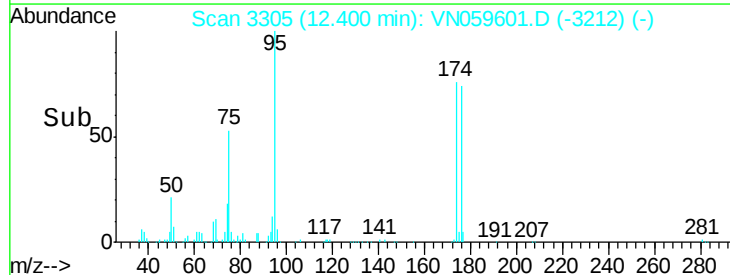
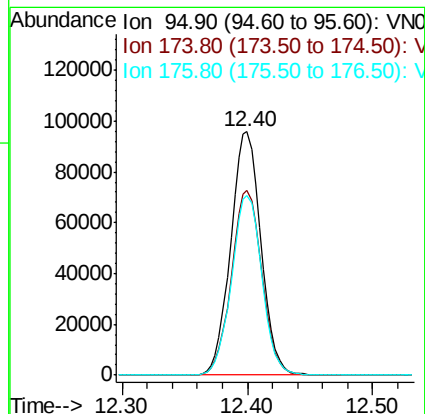
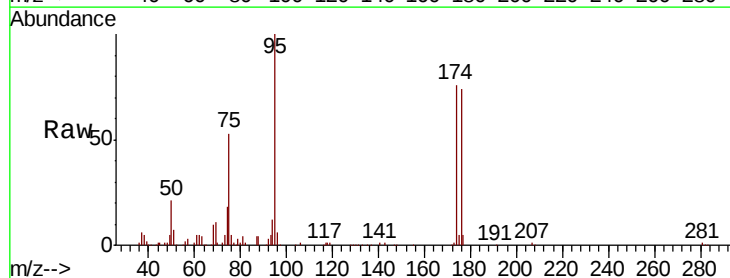
Tgt Ion: 95 Resp: 160155

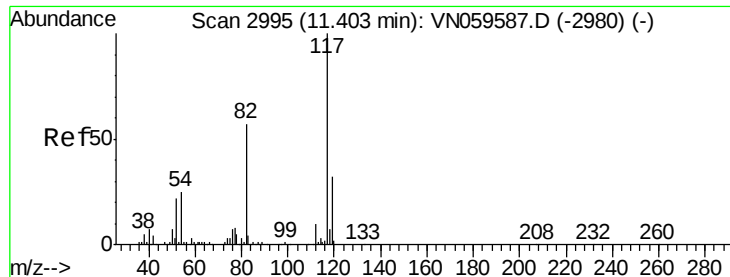
Ion Ratio Lower Upper

95 100

174 76.3 0.0 151.4

176 74.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059601.D

Acq: 16 Dec 2019 14:32

Instrument :

MSVOA_N

ClientSampled :

PB125424TB

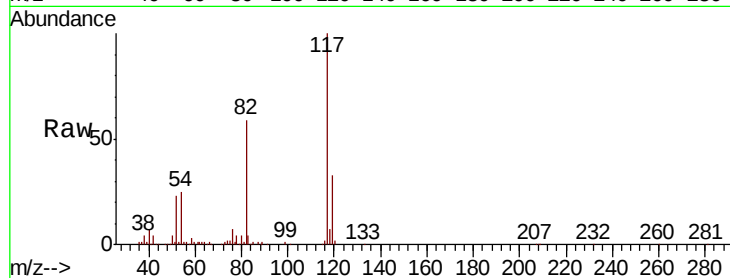
Tot Ion:117 Resp: 352519

Ion Ratio Lower Upper

117 100

82 58.7 45.9 68.9

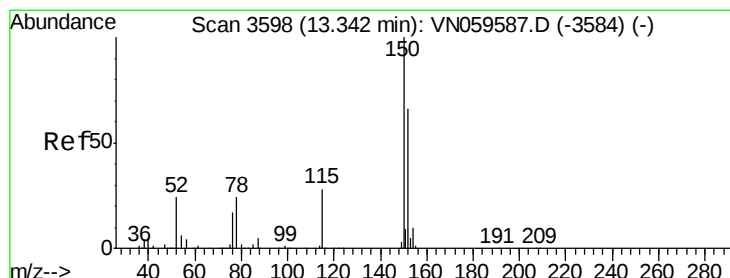
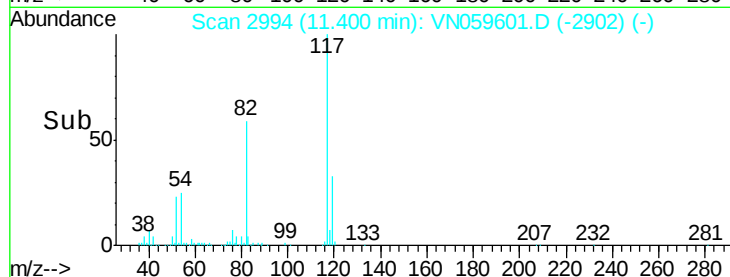
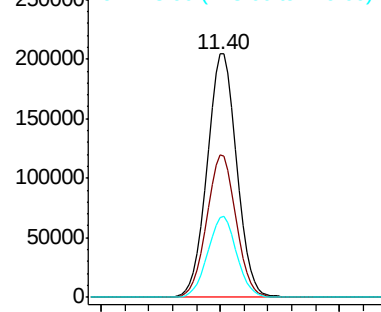
119 32.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059601.D

Acq: 16 Dec 2019 14:32

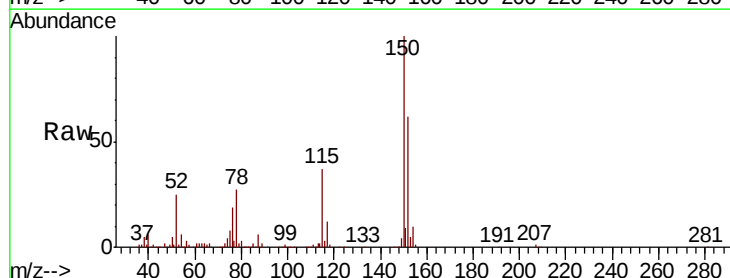
Tgt Ion:152 Resp: 135085

Ion Ratio Lower Upper

152 100

115 60.5 30.3 90.9

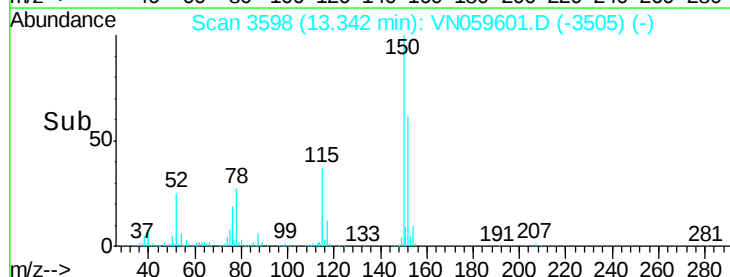
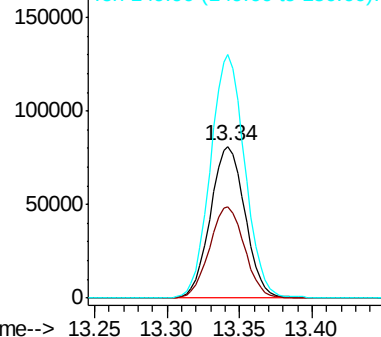
150 159.1 0.0 345.2

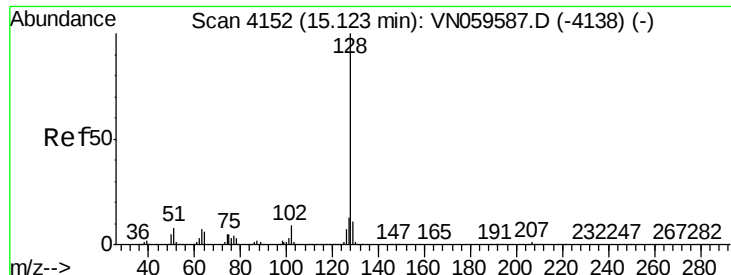


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 1.068 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059601.D

Acq: 16 Dec 2019 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB125424TB

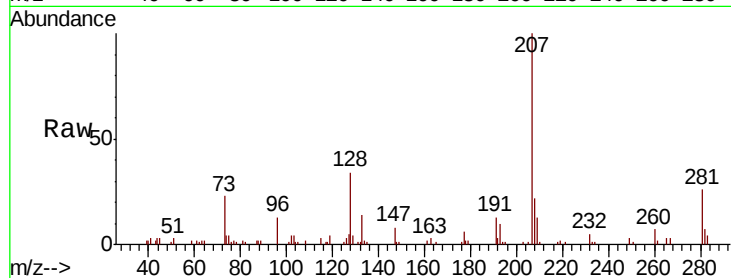
Tot Ion:128 Resp: 9732

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 11.7 8.6 12.8



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

