

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053822.D
 Acq On : 16 Feb 2019 2:00
 Operator : JC/SP
 Sample : PB117124ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#07

Quant Time: Feb 16 06:00:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

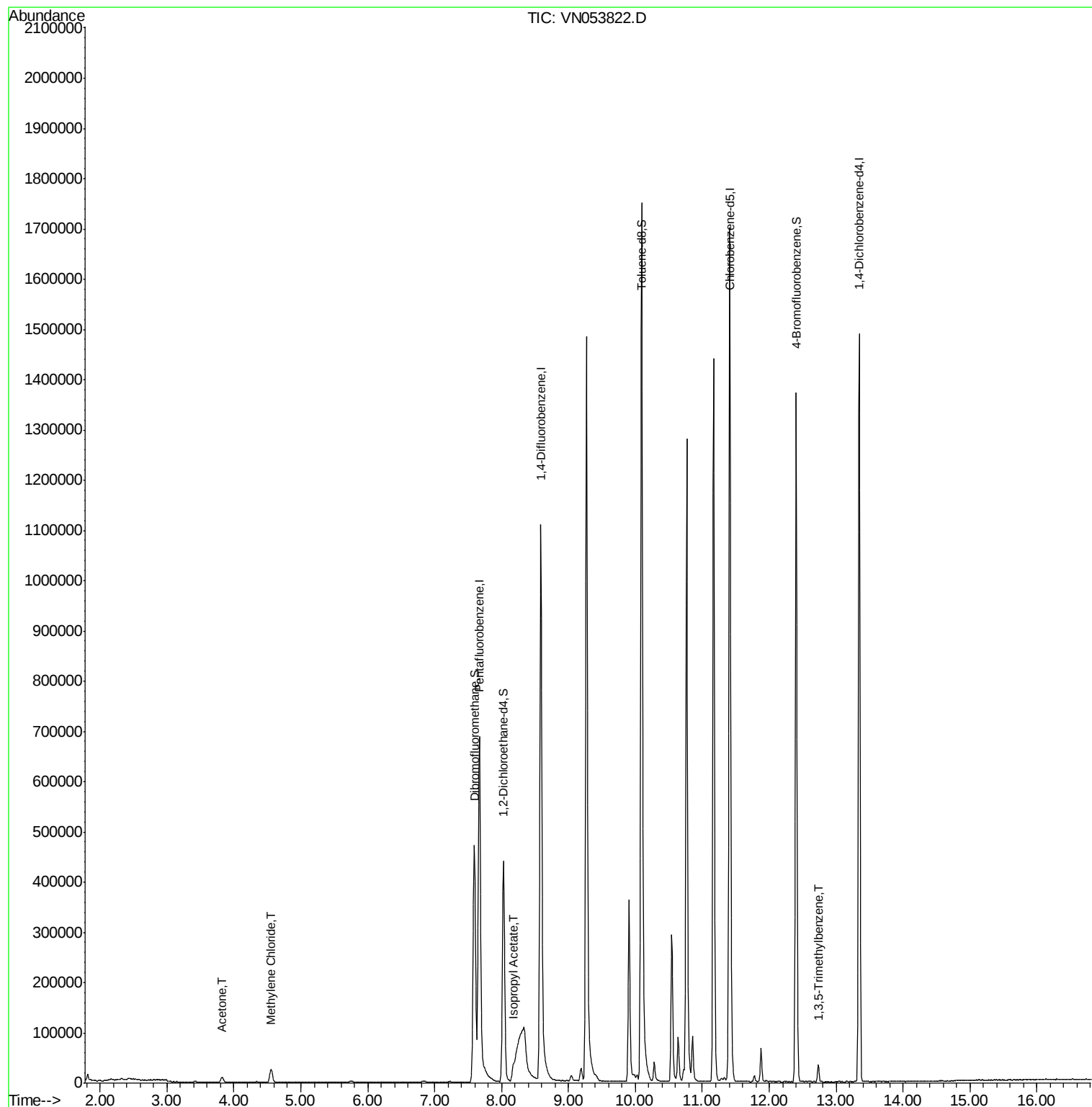
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1187087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1124555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	373439	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
35) Dibromofluoromethane	7.59	113	378358	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.09	98	1456117	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	480088	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
Target Compounds						
16) Acetone	3.82	43	18967	10.524	ug/l	90
20) Methylene Chloride	4.55	84	20394	2.697	ug/l	90
43) Isopropyl Acetate	8.17	43	38999	3.379	ug/l #	78
80) 1,3,5-Trimethylbenzene	12.73	105	18825	0.739	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# 1834

Delta R.T. 0.00 min

Lab File: VN053822.D

Acq: 16 Feb 2019 2:00

Instrument :

MSVOA_N

ClientSampleId :

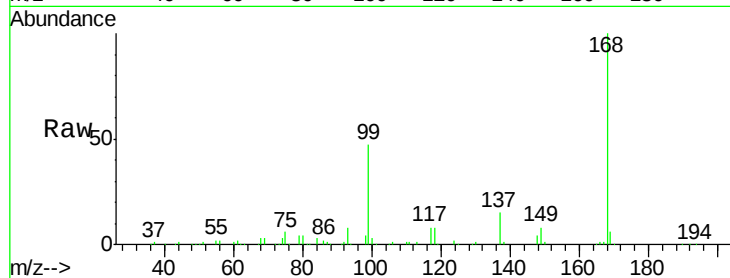
PB117124ZHE#07

Tot Ion:168 Resp: 700360

Ion Ratio Lower Upper

168 100

99 46.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

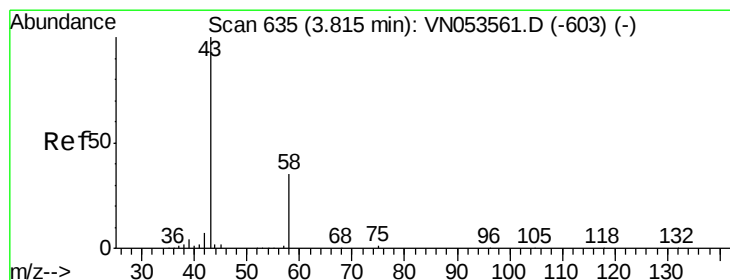
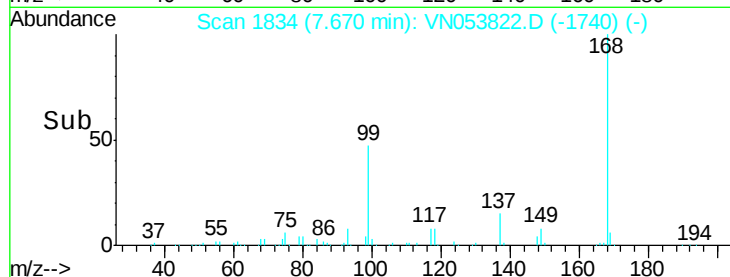
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 10.524 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053822.D

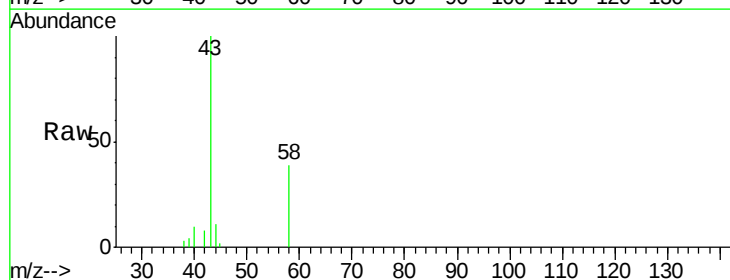
Acq: 16 Feb 2019 2:00

Tgt Ion: 43 Resp: 18967

Ion Ratio Lower Upper

43 100

58 39.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

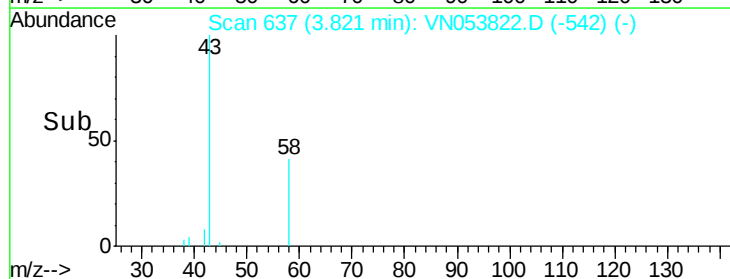
6000

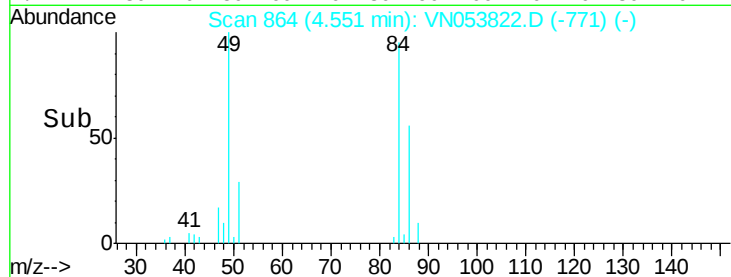
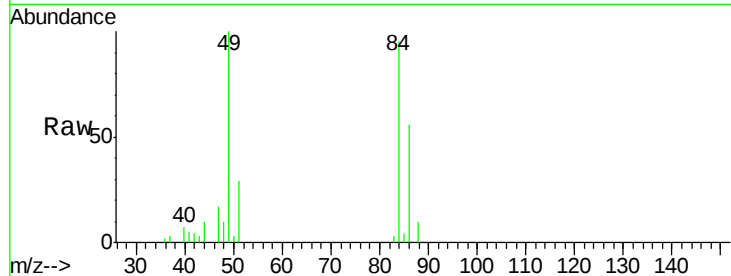
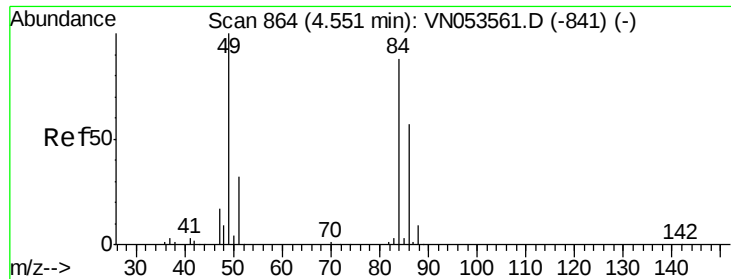
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

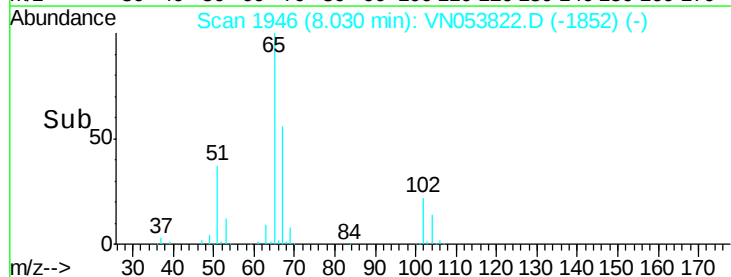
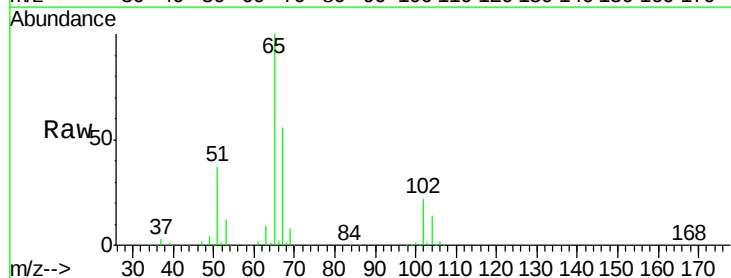
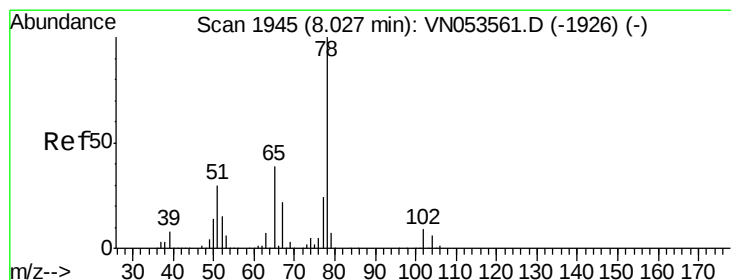
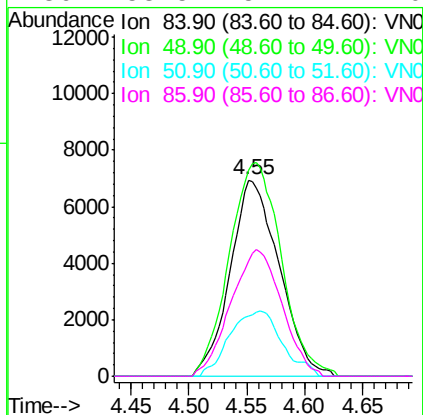




#20
Methylene Chloride
Concen: 2.697 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053822.D
Acq: 16 Feb 2019 2:00

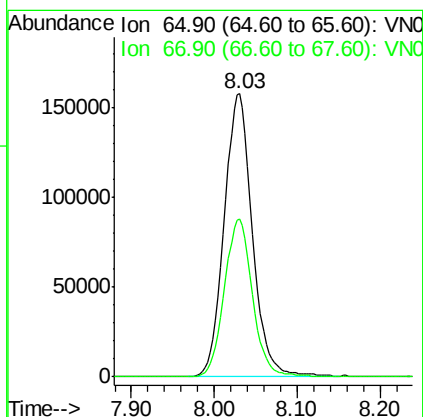
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#07

Tot Ion: 84 Resp: 20394
Ion Ratio Lower Upper
84 100
49 104.8 94.3 141.5
51 30.8 29.4 44.2
86 58.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.151 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053822.D
Acq: 16 Feb 2019 2:00

Tgt Ion: 65 Resp: 373439
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.2

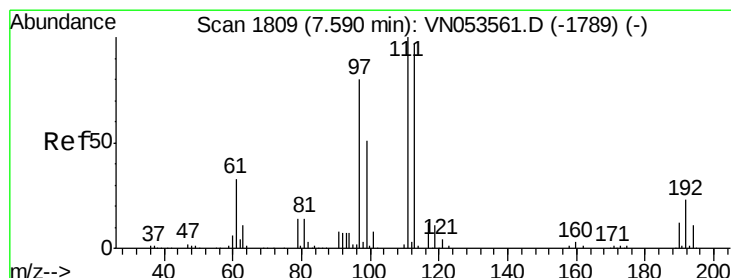
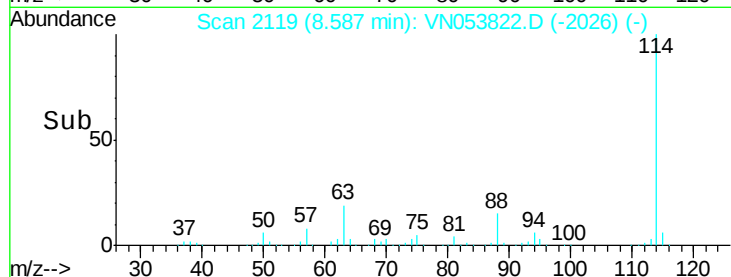
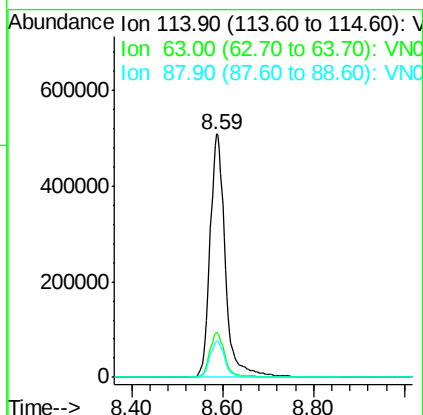
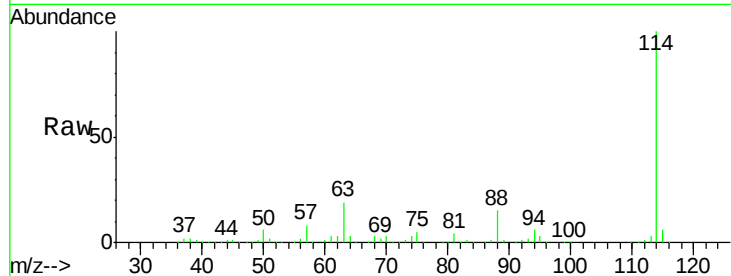




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053822.D
 Acq: 16 Feb 2019 2:00

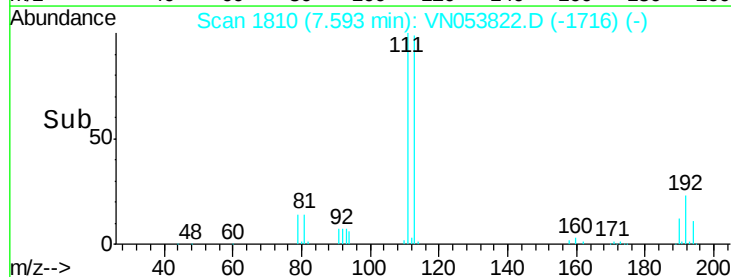
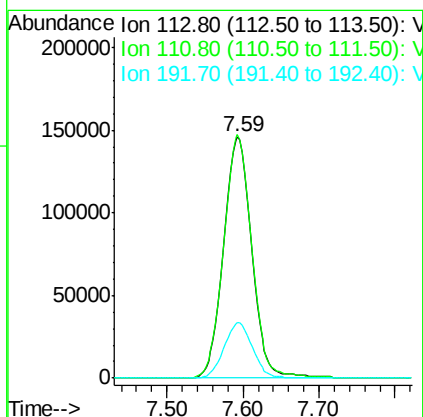
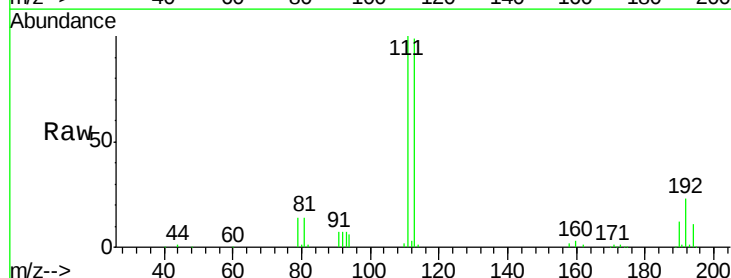
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#07

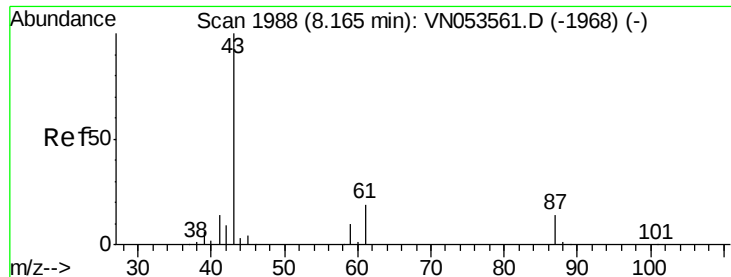
Tot Ion:114 Resp: 1187087
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 14.9 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.442 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053822.D
 Acq: 16 Feb 2019 2:00

Tgt Ion:113 Resp: 378358
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.1 121.7
 192 23.0 18.2 27.2





#43

Isopropyl Acetate

Concen: 3.379 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053822.D

Acq: 16 Feb 2019 2:00

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#07

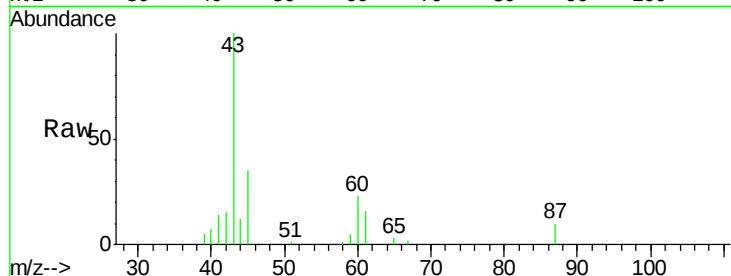
Tot Ion: 43 Resp: 38999

Ion Ratio Lower Upper

43 100

61 15.0 23.9 35.9#

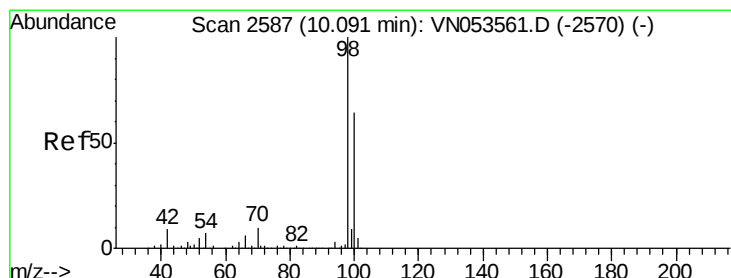
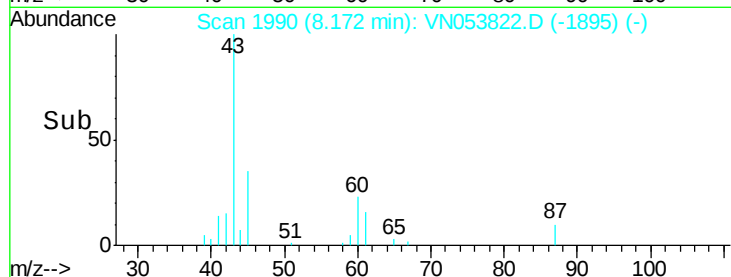
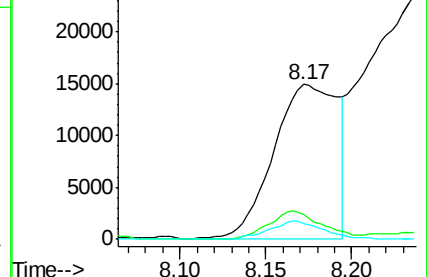
87 9.7 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)



#50

Toluene-d8

Concen: 51.701 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053822.D

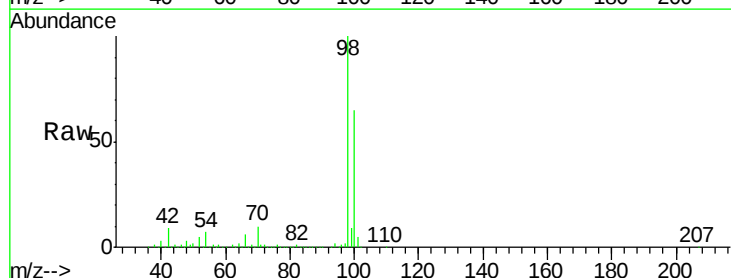
Acq: 16 Feb 2019 2:00

Tgt Ion: 98 Resp: 1456117

Ion Ratio Lower Upper

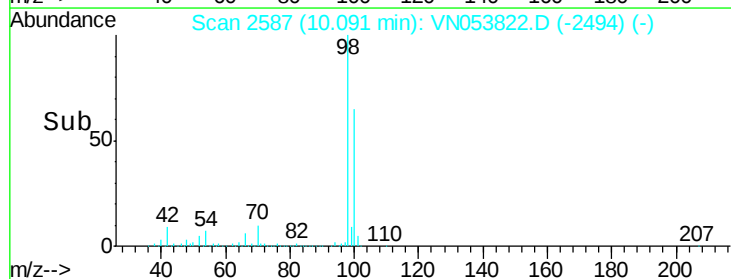
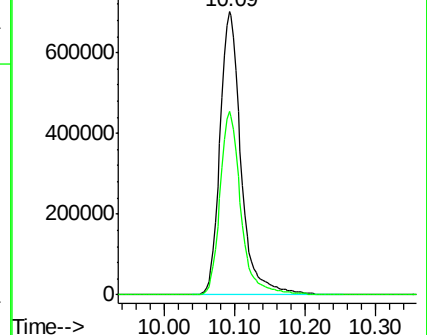
98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 51.110 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053822.D

Acq: 16 Feb 2019 2:00

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#07

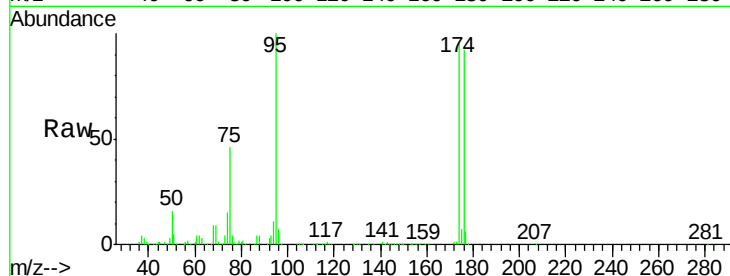
Tot Ion: 95 Resp: 480088

Ion Ratio Lower Upper

95 100

174 94.4 0.0 183.2

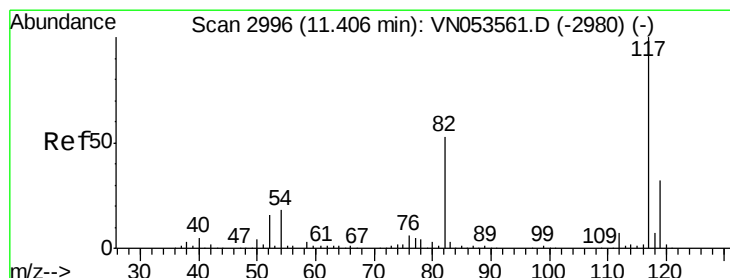
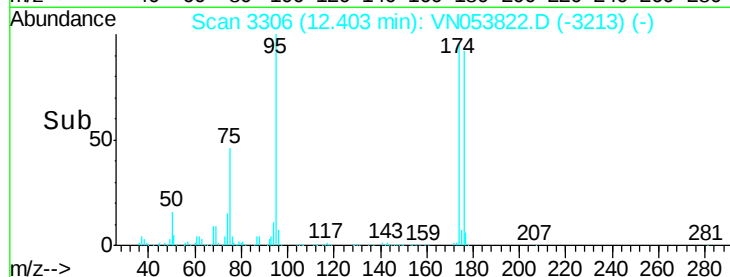
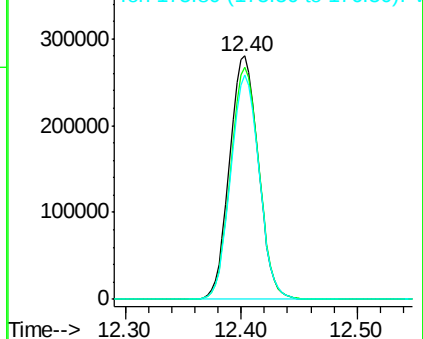
176 91.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053822.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053822.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053822.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053822.D

Acq: 16 Feb 2019 2:00

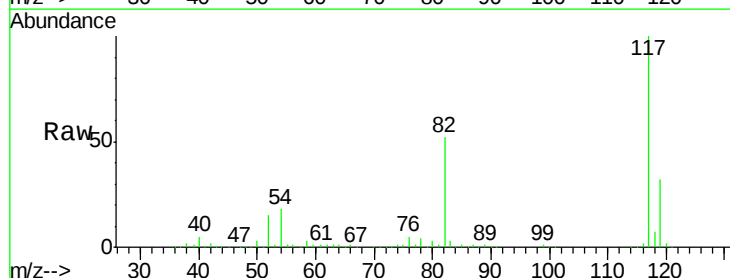
Tgt Ion: 117 Resp: 1124555

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

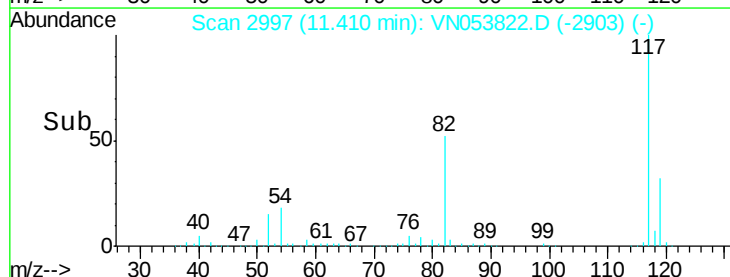
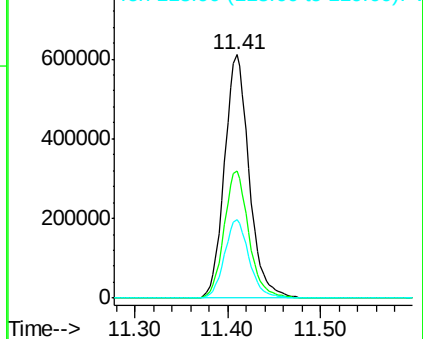
119 32.4 26.0 39.0

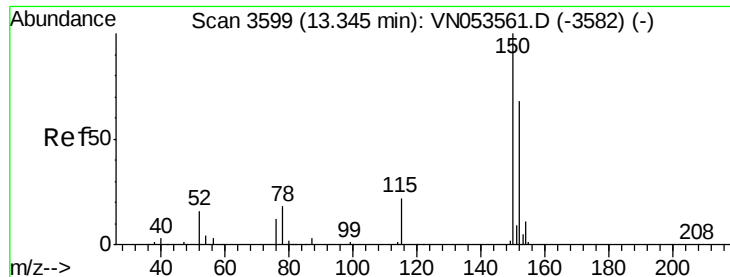


Abundance Ion 116.90 (116.60 to 117.60): VN053822.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053822.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053822.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053822.D

Acq: 16 Feb 2019 2:00

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#07

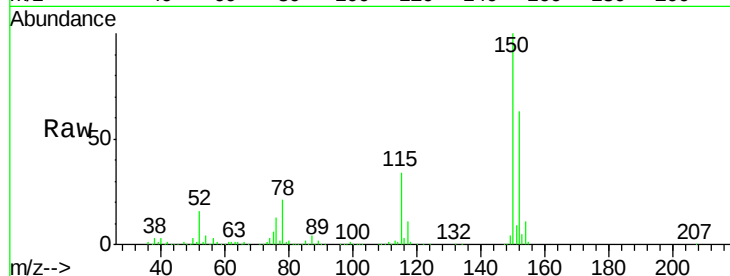
Tot Ion:152 Resp: 437257

Ion Ratio Lower Upper

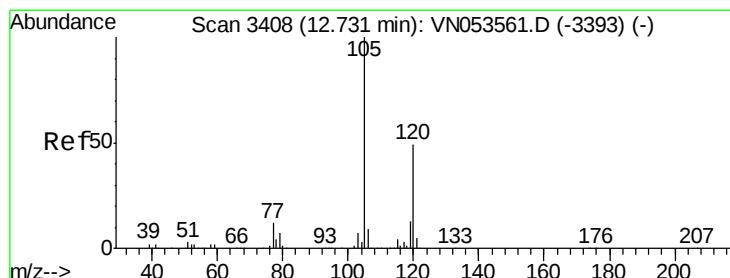
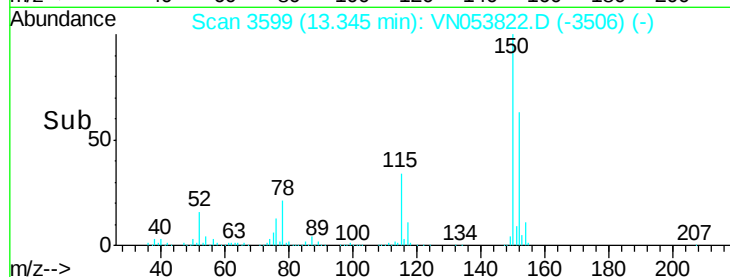
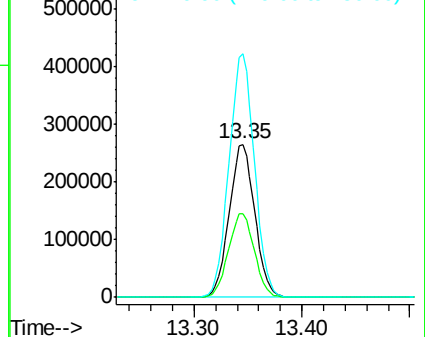
152 100

115 55.2 27.8 83.4

150 158.4 0.0 349.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.739 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053822.D

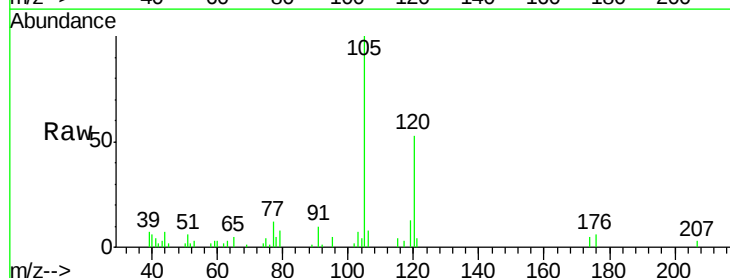
Acq: 16 Feb 2019 2:00

Tgt Ion:105 Resp: 18825

Ion Ratio Lower Upper

105 100

120 48.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

