

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053810.D
 Acq On : 15 Feb 2019 19:46
 Operator : JC/SP
 Sample : PB117124ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117124ZHE#01

Quant Time: Feb 16 00:17:53 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

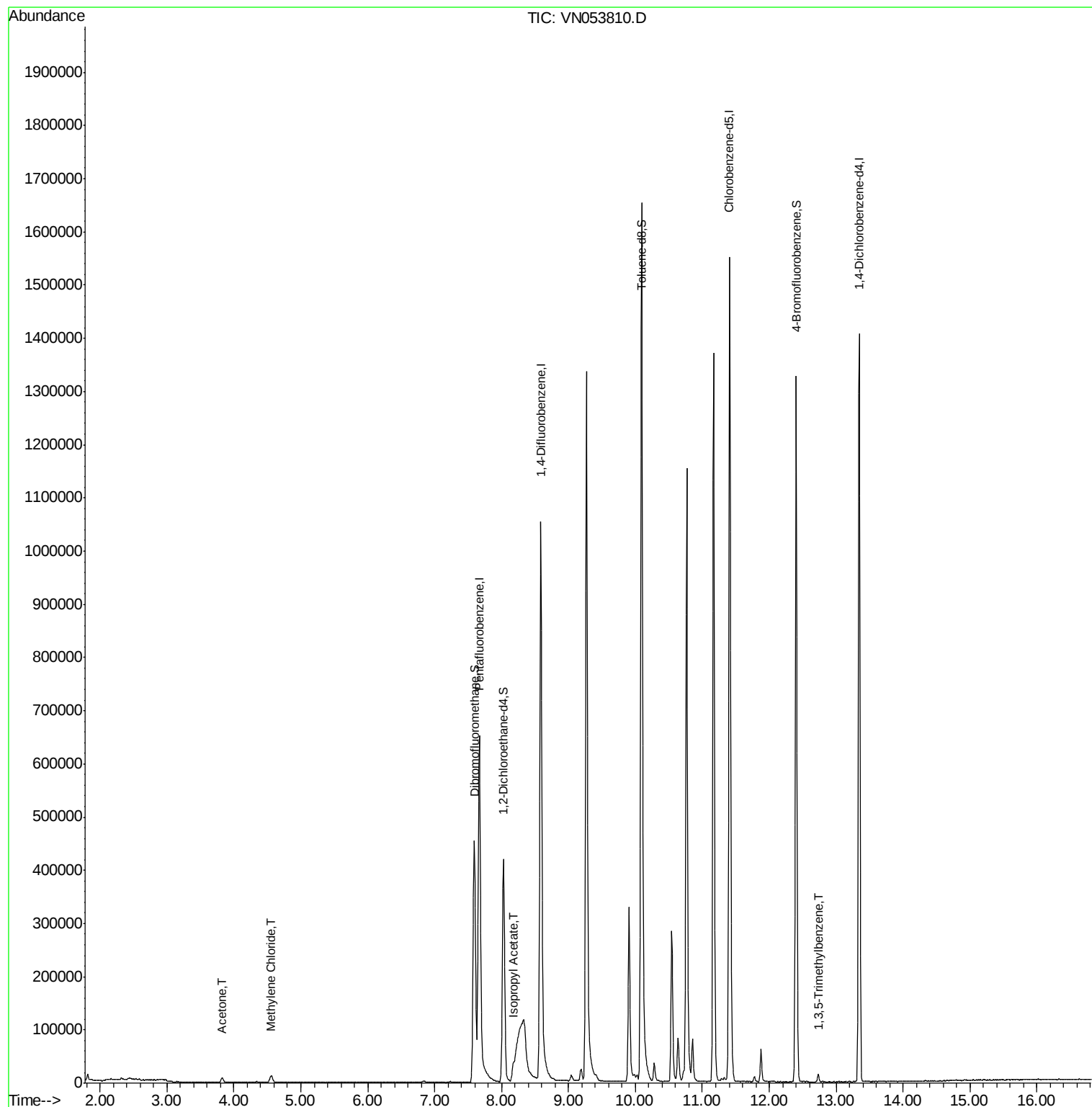
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1120445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	353535	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	7.59	113	354365	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	1362823	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	452535	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
Target Compounds						
16) Acetone	3.82	43	14494	8.545	ug/l	98
20) Methylene Chloride	4.56	84	10611	1.491	ug/l	93
43) Isopropyl Acetate	8.17	43	32644	2.997	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.73	105	7515	0.308	ug/l	98

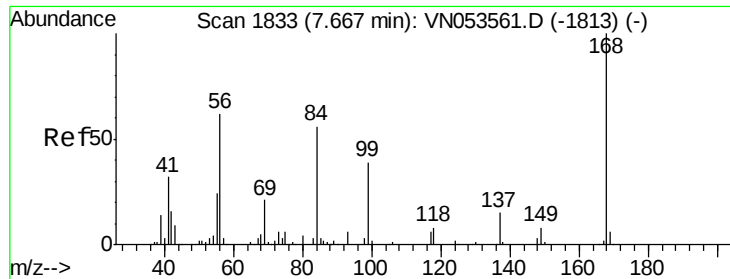
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN053810.D

Acq: 15 Feb 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

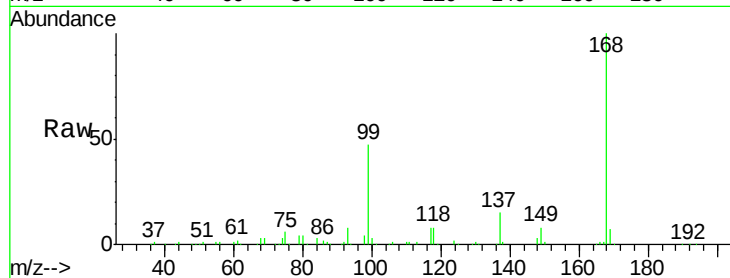
PB117124ZHE#01

Tot Ion:168 Resp: 659143

Ion Ratio Lower Upper

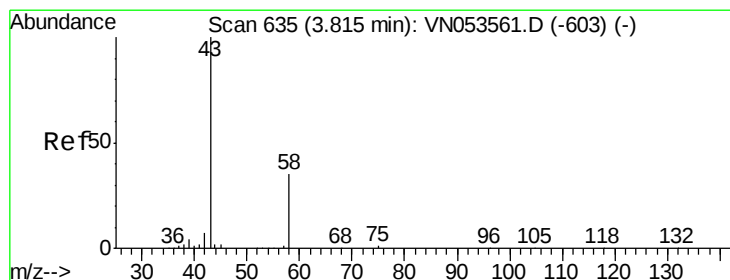
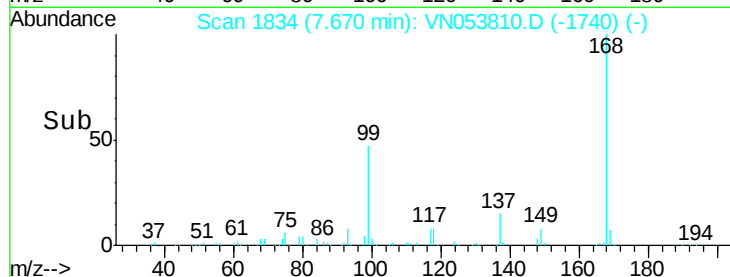
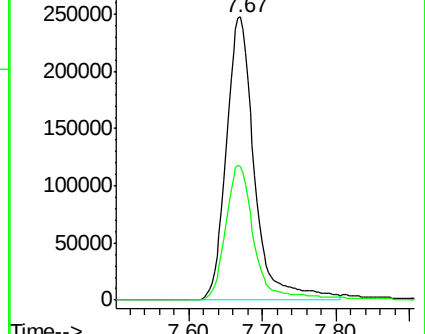
168 100

99 47.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.545 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053810.D

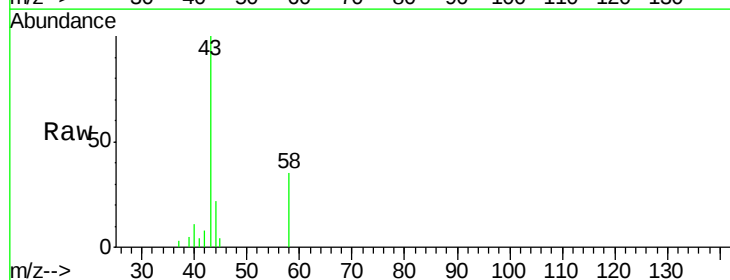
Acq: 15 Feb 2019 19:46

Tgt Ion: 43 Resp: 14494

Ion Ratio Lower Upper

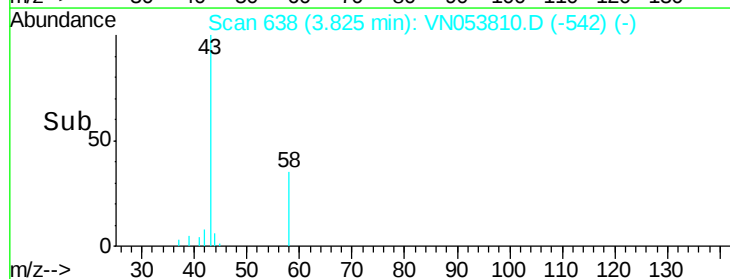
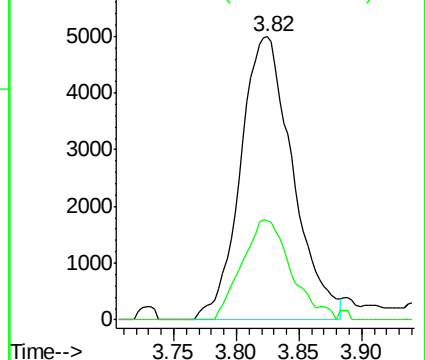
43 100

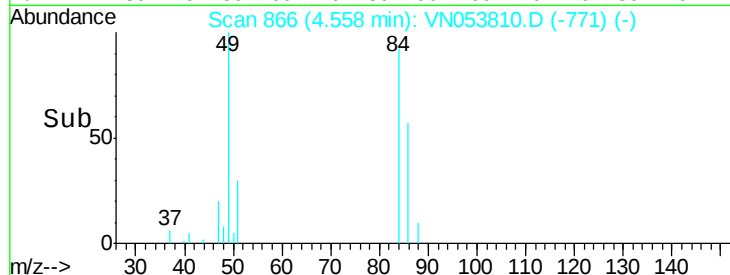
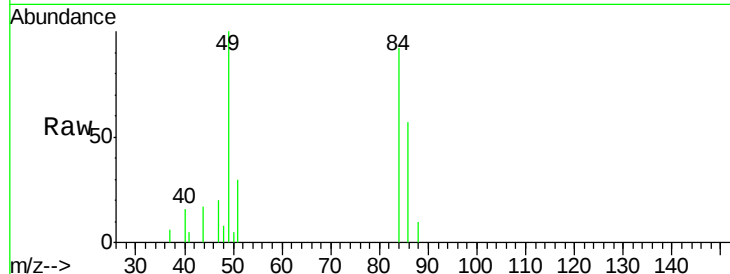
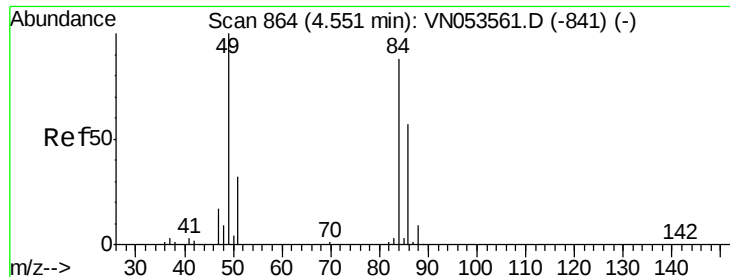
58 35.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

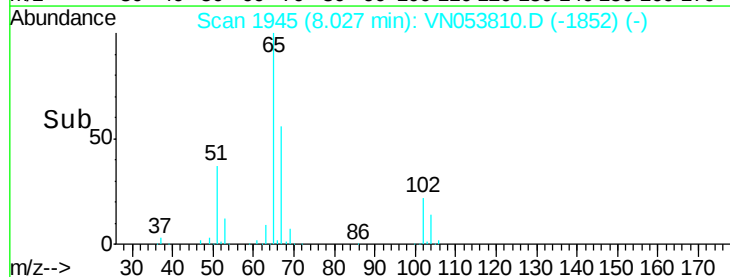
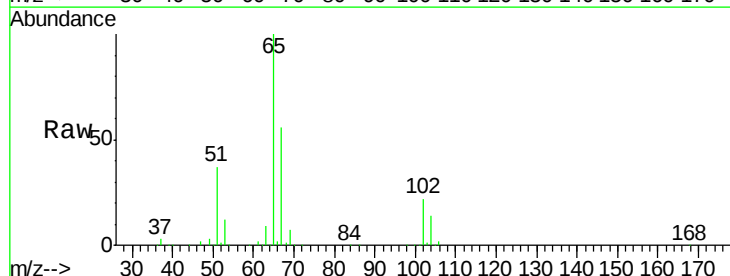
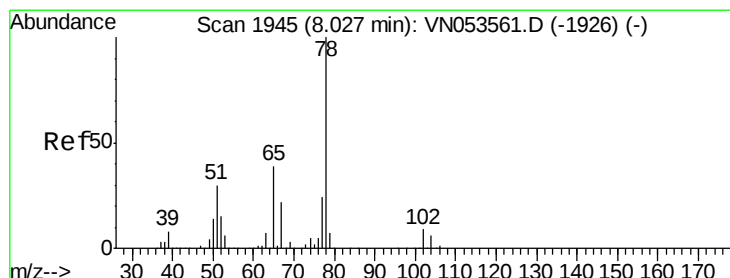
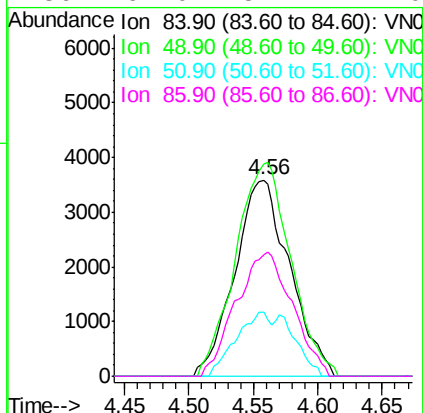




#20
Methvlene Chloride
Concen: 1.491 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053810.D
Acq: 15 Feb 2019 19:46

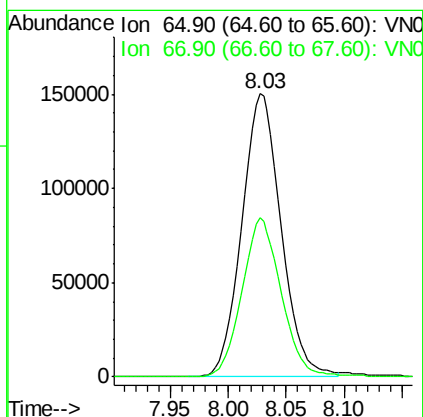
Instrument :
MSVOA_N
ClientSampleId :
PB117124ZHE#01

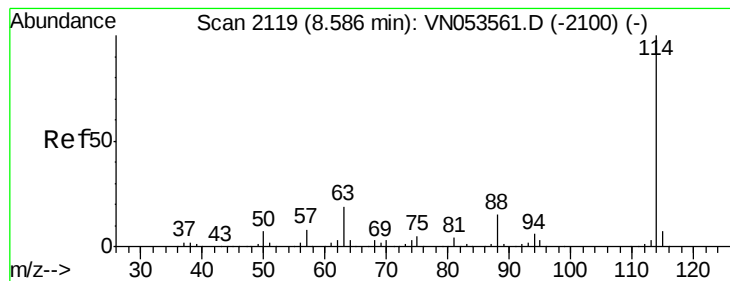
Tot Ion:	84	Resp:	10611
Ion	Ratio	Lower	Upper
84	100		
49	108.2	94.3	141.5
51	32.4	29.4	44.2
86	62.0	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.465 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053810.D
Acq: 15 Feb 2019 19:46

Tgt Ion:	65	Resp:	353535
Ion	Ratio	Lower	Upper
65	100		
67	56.0	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: VN053810.D

Acq: 15 Feb 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#01

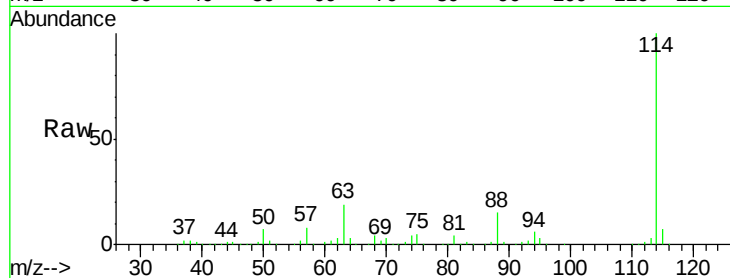
Tot Ion:114 Resp: 1120445

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

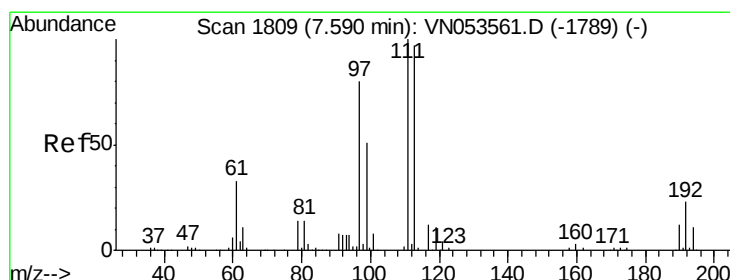
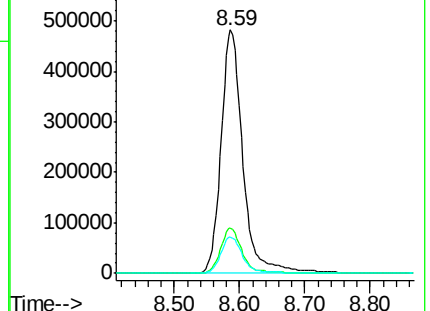
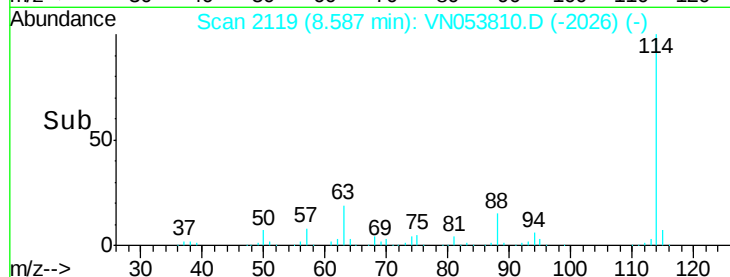
88 14.9 0.0 30.4



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: 50.053 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053810.D

Acq: 15 Feb 2019 19:46

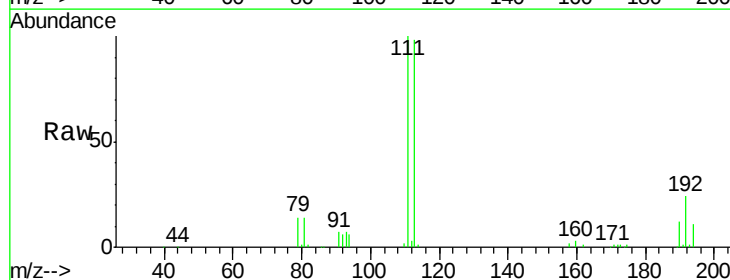
Tgt Ion:113 Resp: 354365

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

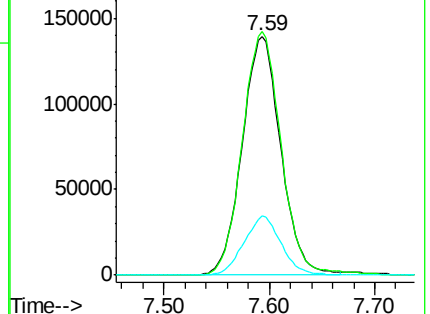
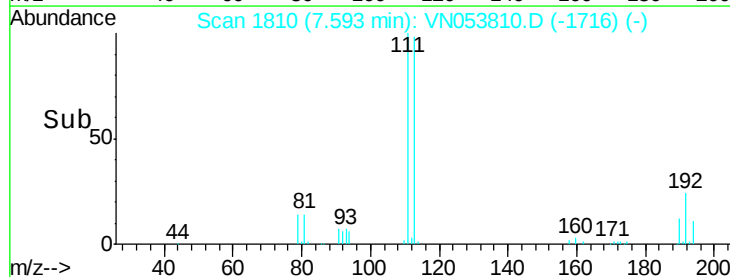
192 23.9 18.2 27.2

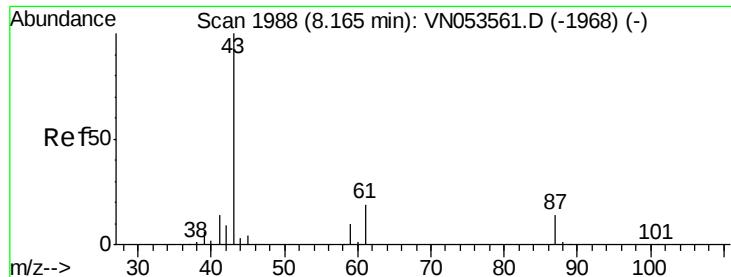


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.997 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053810.D

Acq: 15 Feb 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#01

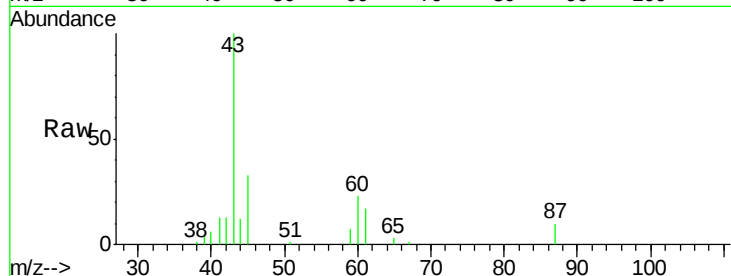
Tot Ion: 43 Resp: 32644

Ion Ratio Lower Upper

43 100

61 17.7 23.9 35.9#

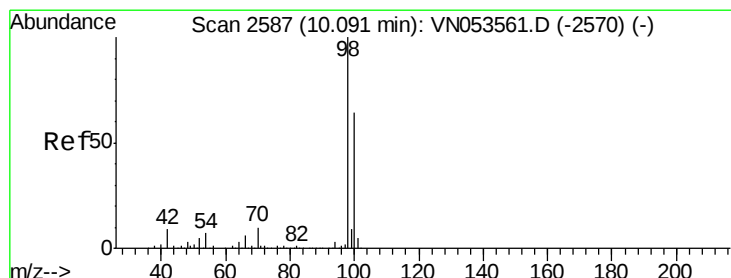
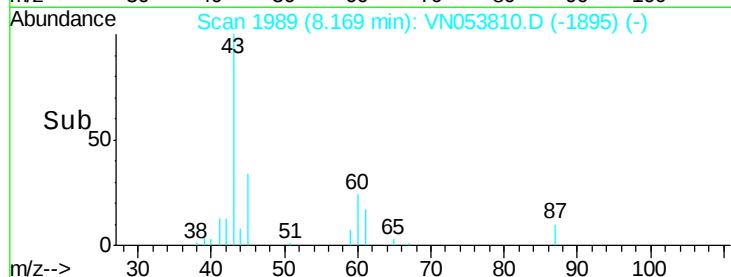
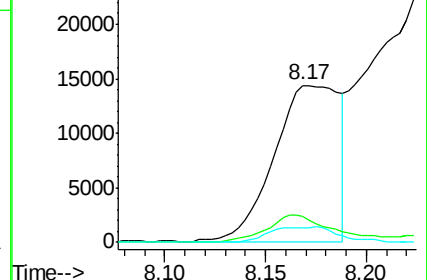
87 10.1 11.0 16.6#



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: 51.266 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053810.D

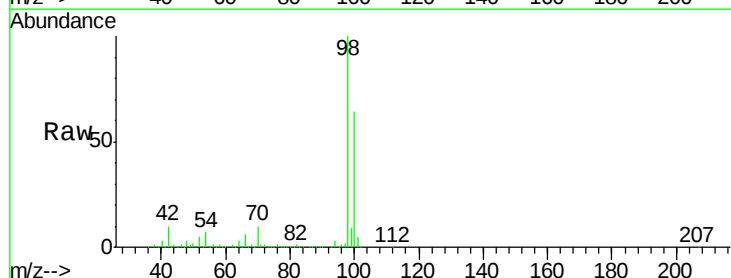
Acq: 15 Feb 2019 19:46

Tgt Ion: 98 Resp: 1362823

Ion Ratio Lower Upper

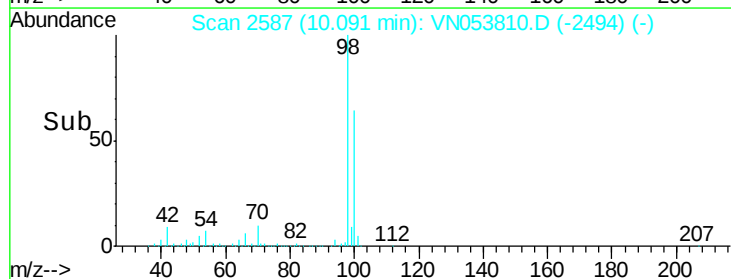
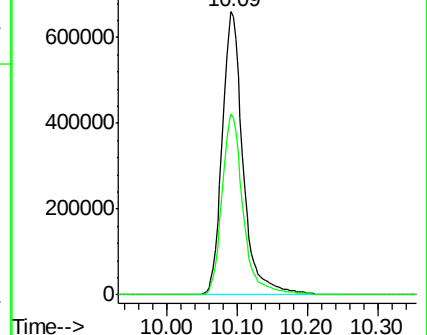
98 100

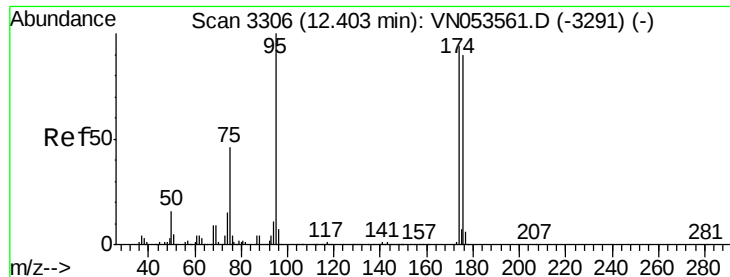
100 64.7 51.4 77.0



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: 51.042 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053810.D

Acq: 15 Feb 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#01

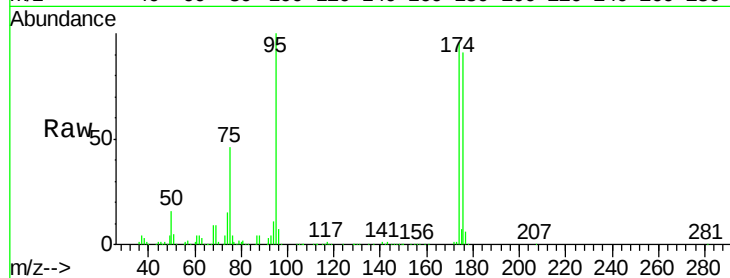
Tot Ion: 95 Resp: 452535

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

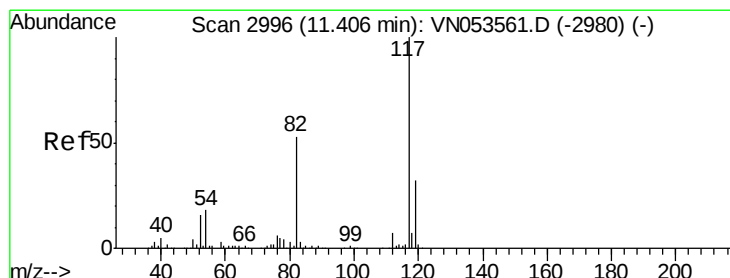
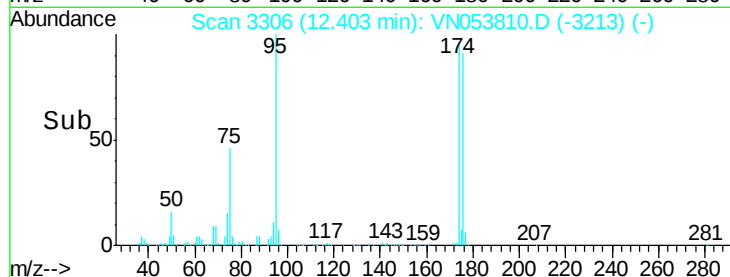
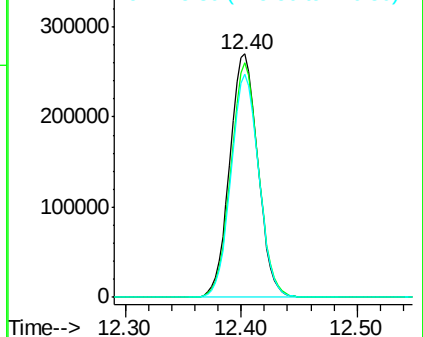
176 90.4 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053810.D

Acq: 15 Feb 2019 19:46

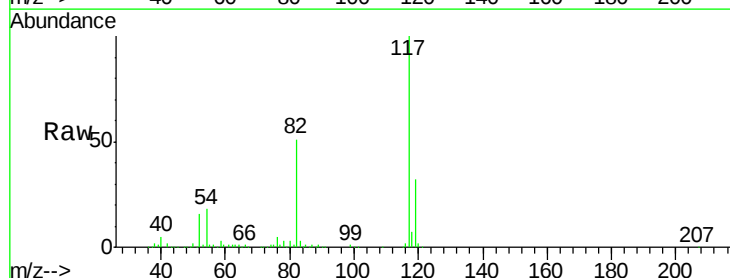
Tgt Ion: 117 Resp: 1057274

Ion Ratio Lower Upper

117 100

82 51.5 42.9 64.3

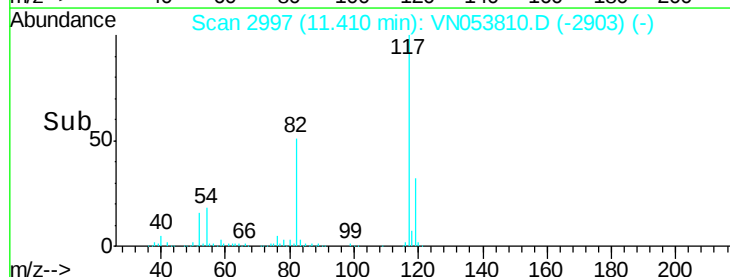
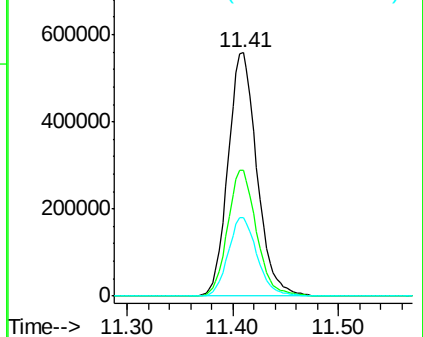
119 32.4 26.0 39.0

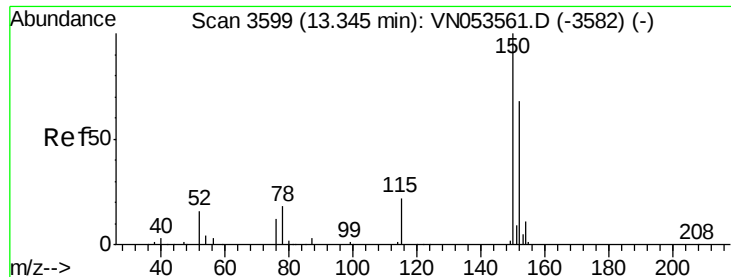


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053810.D

Acq: 15 Feb 2019 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB117124ZHE#01

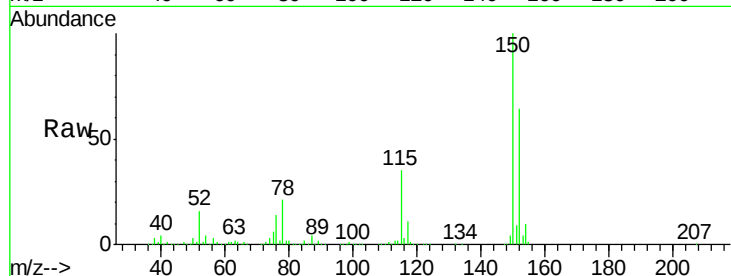
Tot Ion:152 Resp: 418154

Ion Ratio Lower Upper

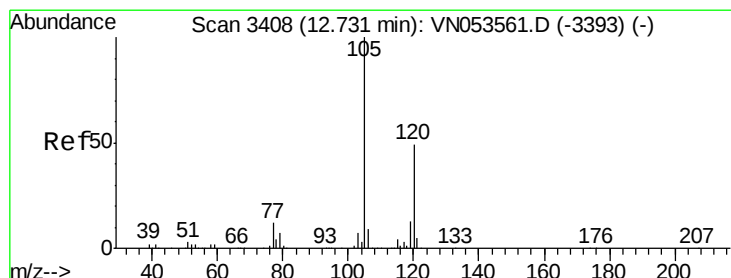
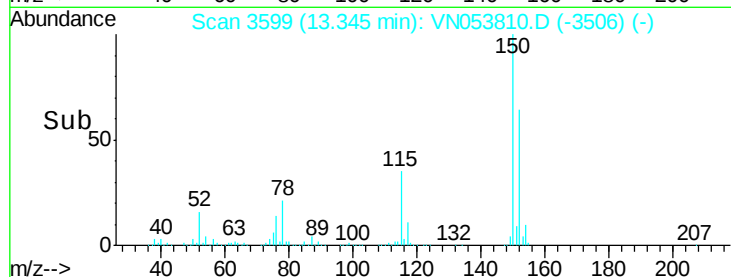
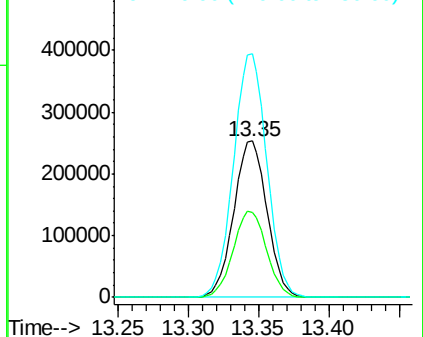
152 100

115 55.1 27.8 83.4

150 156.6 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: 0.308 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053810.D

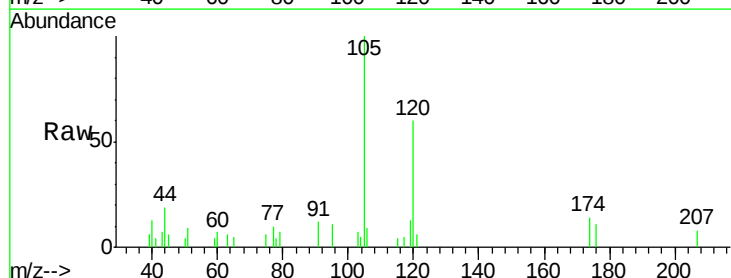
Acq: 15 Feb 2019 19:46

Tgt Ion:105 Resp: 7515

Ion Ratio Lower Upper

105 100

120 51.4 24.9 74.6



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

