

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054050.D
 Acq On : 2 Mar 2019 00:36
 Operator : JC/SP
 Sample : K1675-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-13-A

Quant Time: Mar 02 05:58:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

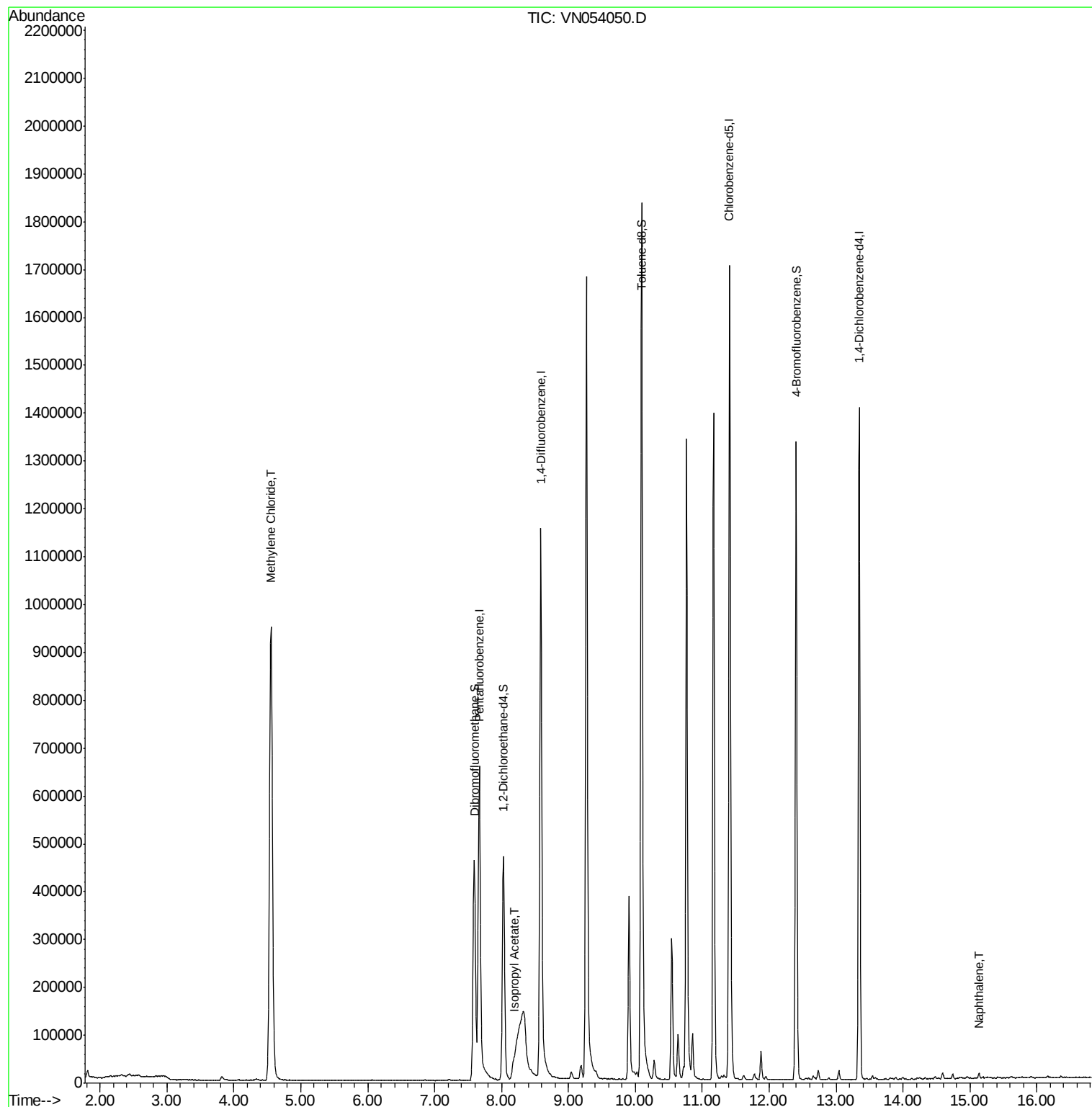
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	601590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1122295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1088922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	385625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	400672	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
35) Dibromofluoromethane	7.59	113	360806	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	10.09	98	1432761	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.40	95	469132	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
Target Compounds						
20) Methylene Chloride	4.55	84	720725	103.263	ug/l	91
43) Isopropyl Acetate	8.18	43	44171	3.510	ug/l #	84
95) Naphthalene	15.13	128	8033	3.704	ug/l #	94

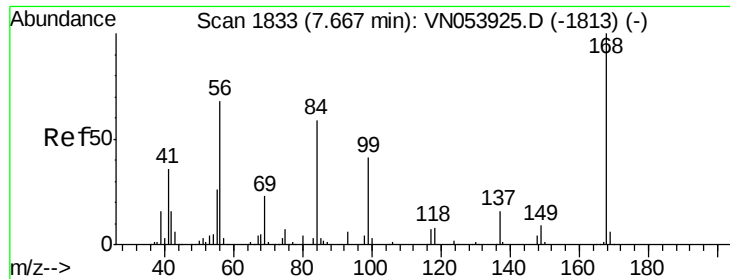
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054050.D

Acq: 2 Mar 2019 00:36

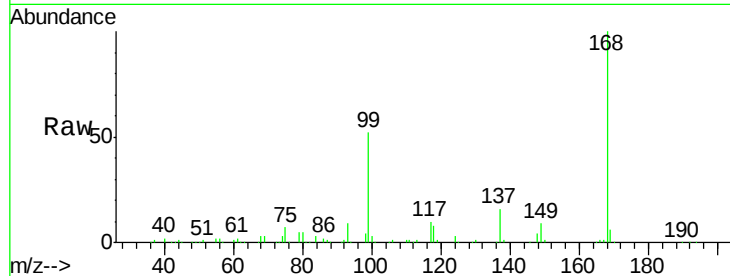
Instrument :
MSVOA_N
ClientSampled :
Z-3-13-A

Tot Ion:168 Resp: 601590

Ion Ratio Lower Upper

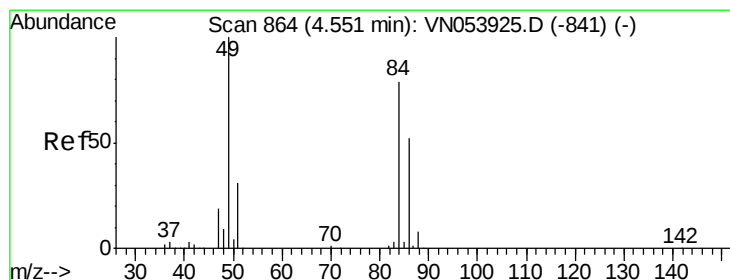
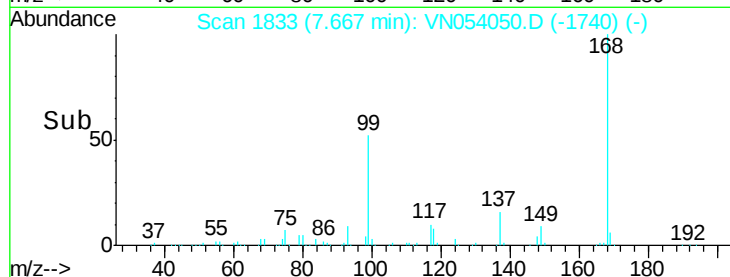
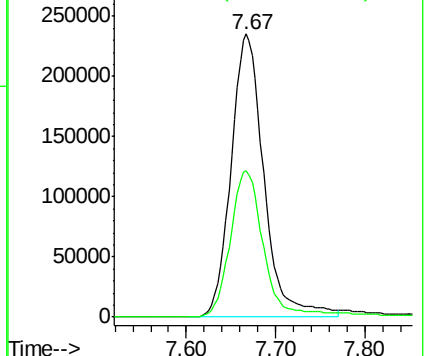
168 100

99 51.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 103.263 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054050.D

Acq: 2 Mar 2019 00:36

Tgt Ion: 84 Resp: 720725

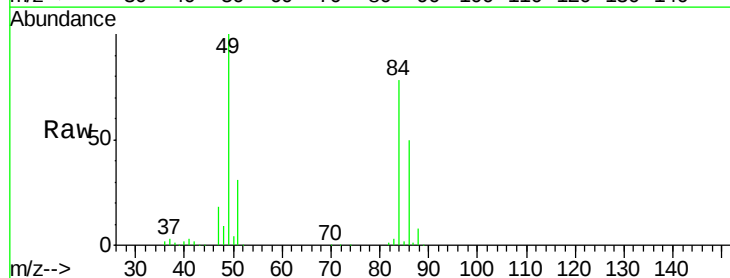
Ion Ratio Lower Upper

84 100

49 127.9 89.7 134.5

51 39.6 27.8 41.8

86 63.8 51.3 76.9

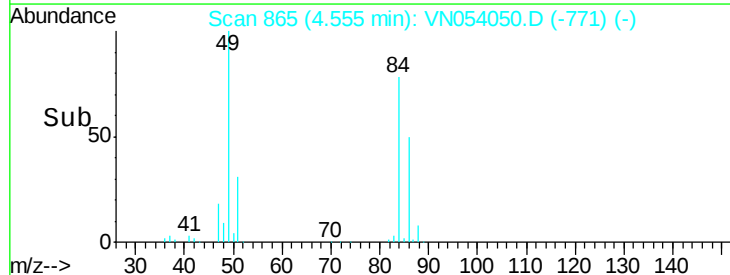
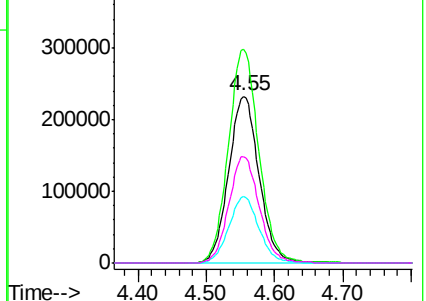


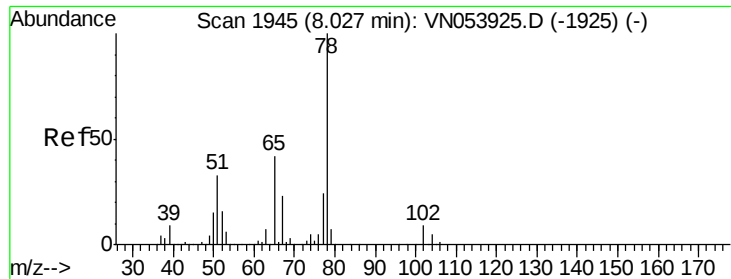
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

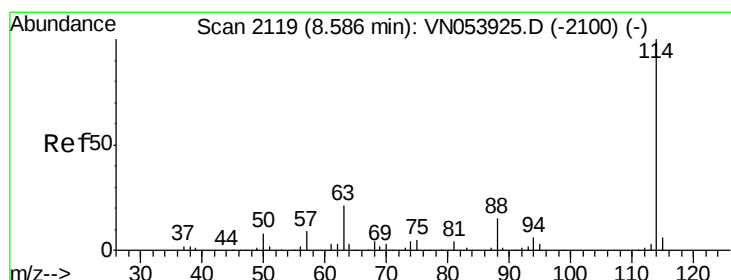
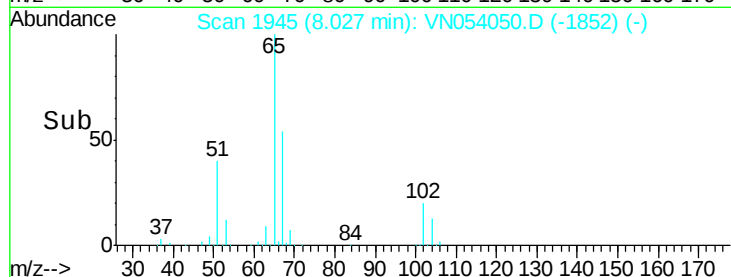
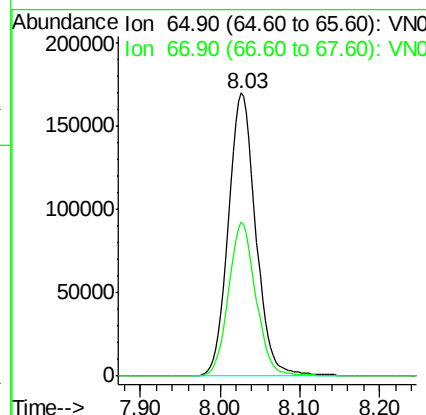
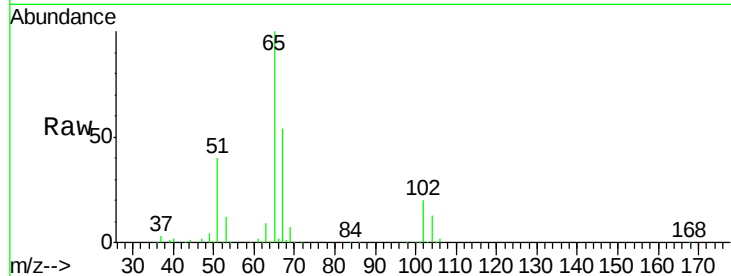




#33
 1,2-Dichloroethane-d4
 Concen: 56.817 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054050.D
 Acq: 2 Mar 2019 00:36

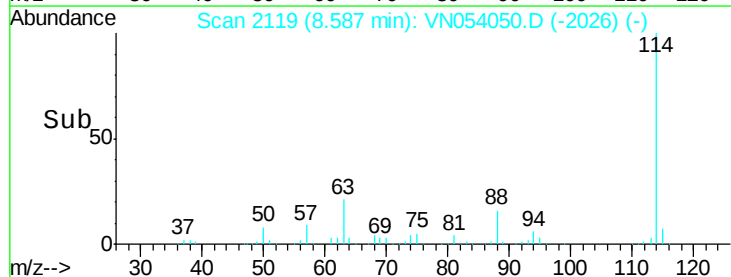
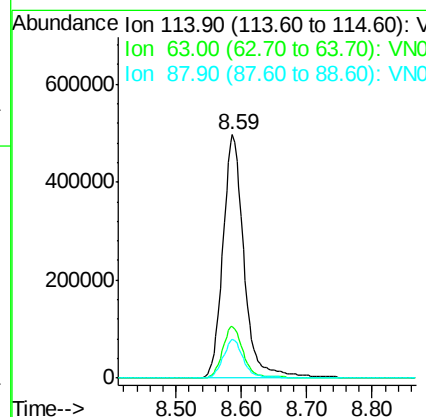
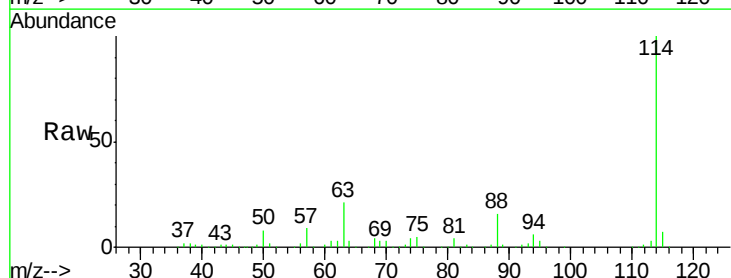
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-13-A

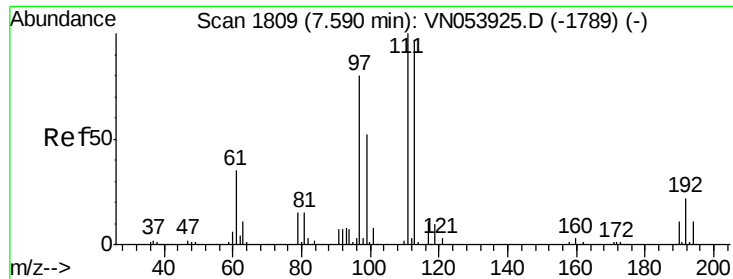
Tot Ion: 65 Resp: 400672
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054050.D
 Acq: 2 Mar 2019 00:36

Tgt Ion: 114 Resp: 1122295
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 16.1 0.0 30.4

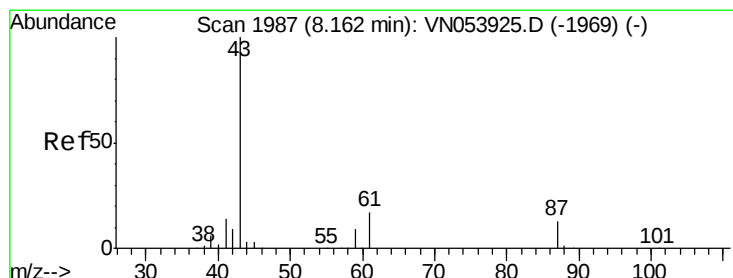
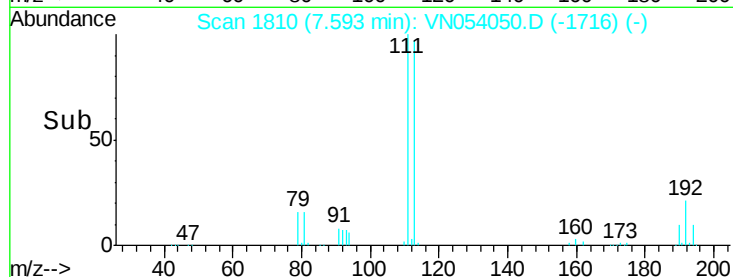
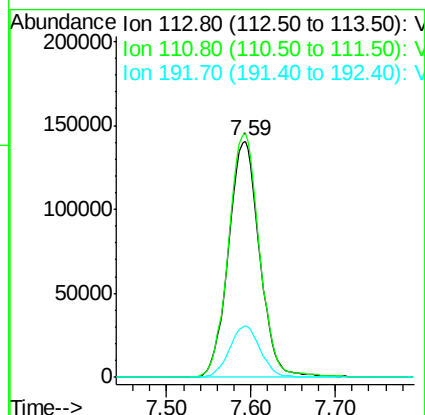
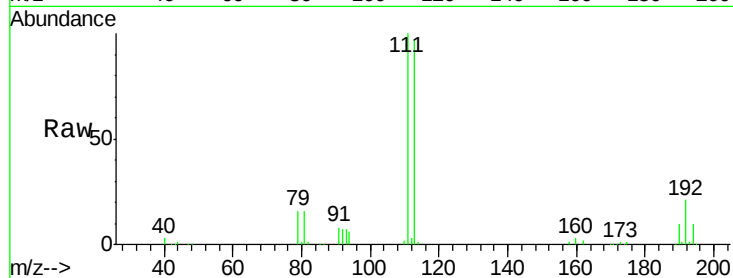




#35
 Dibromofluoromethane
 Concen: 49.716 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054050.D
 Acq: 2 Mar 2019 00:36

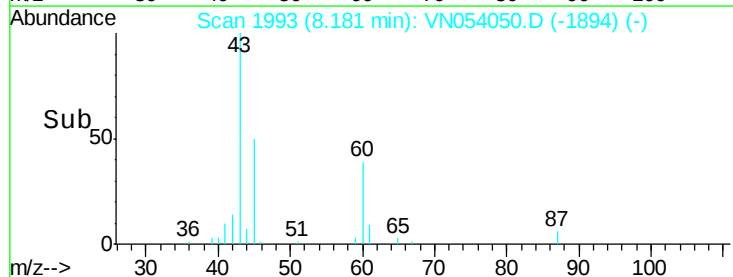
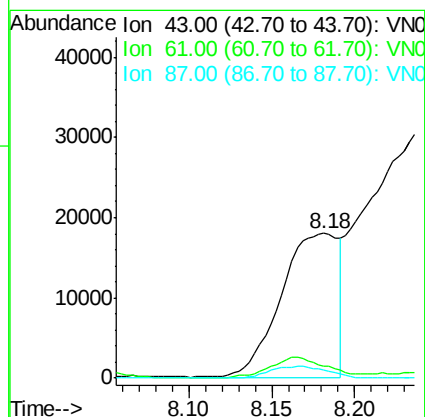
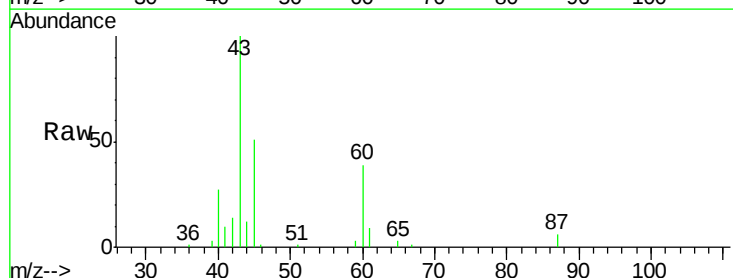
Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-13-A

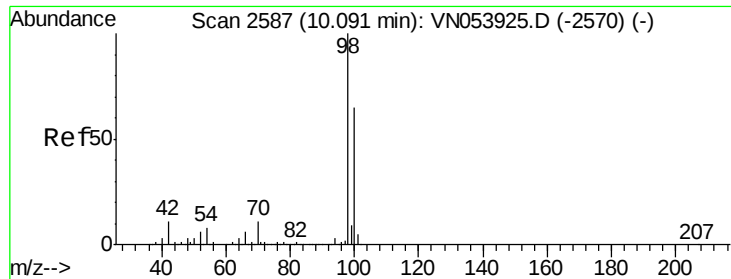
Tot Ion:113 Resp: 360806
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 21.6 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.510 ug/l
 RT: 8.18 min Scan# 1993
 Delta R.T. 0.02 min
 Lab File: VN054050.D
 Acq: 2 Mar 2019 00:36

Tgt Ion: 43 Resp: 44171
 Ion Ratio Lower Upper
 43 100
 61 13.8 17.4 26.0#
 87 7.9 11.5 17.3#





#50

Toluene-d8

Concen: 53.033 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054050.D

Acq: 2 Mar 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

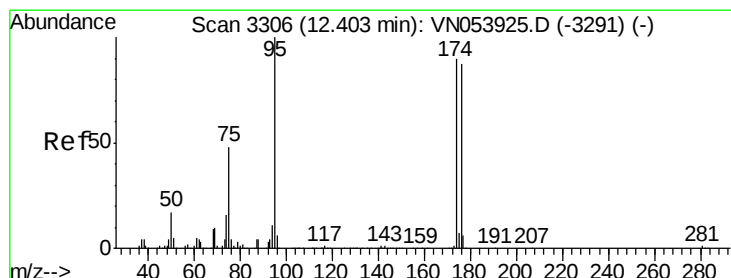
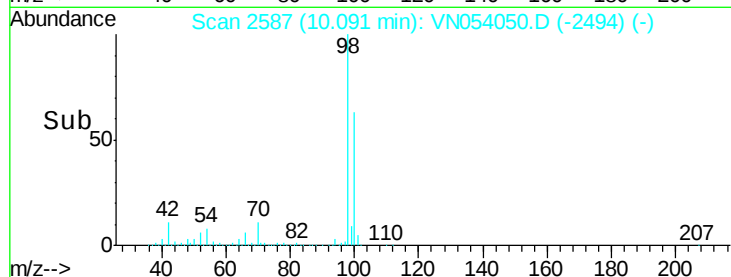
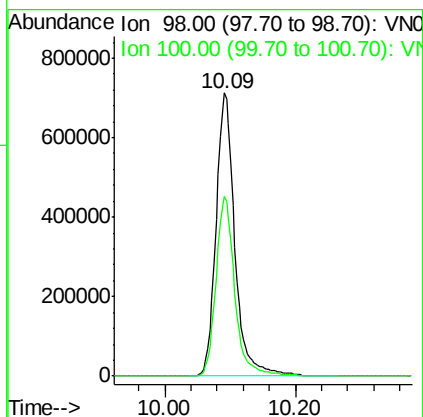
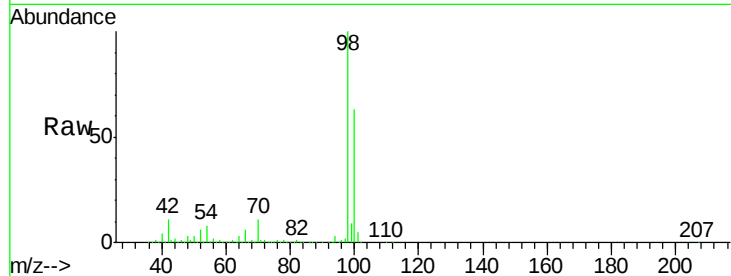
Z-3-13-A

Tot Ion: 98 Resp: 1432761

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.120 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054050.D

Acq: 2 Mar 2019 00:36

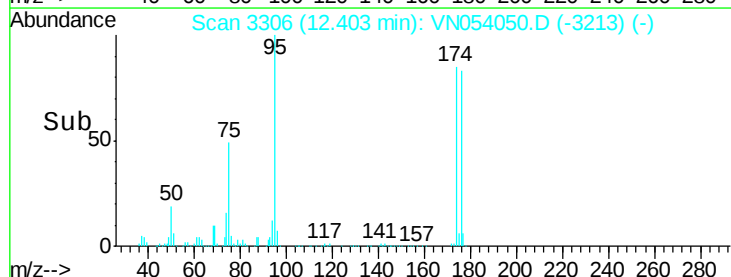
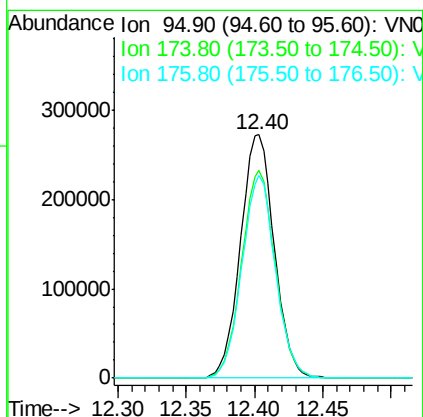
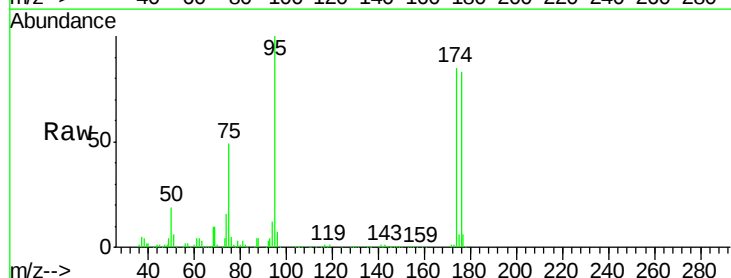
Tgt Ion: 95 Resp: 469132

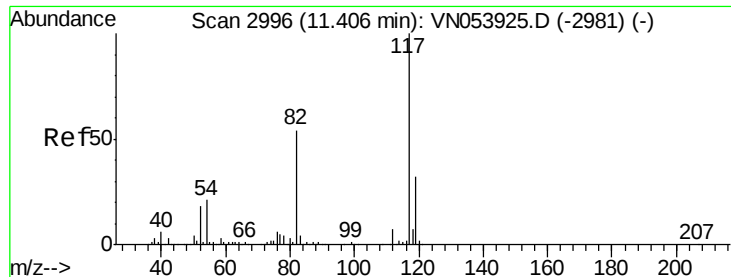
Ion Ratio Lower Upper

95 100

174 85.0 0.0 188.8

176 82.4 0.0 182.6

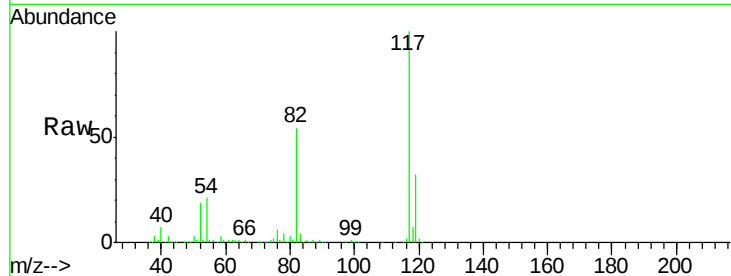




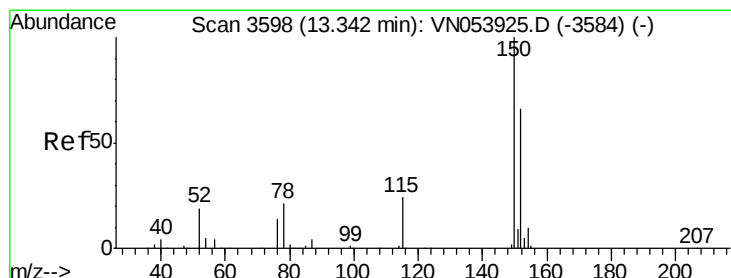
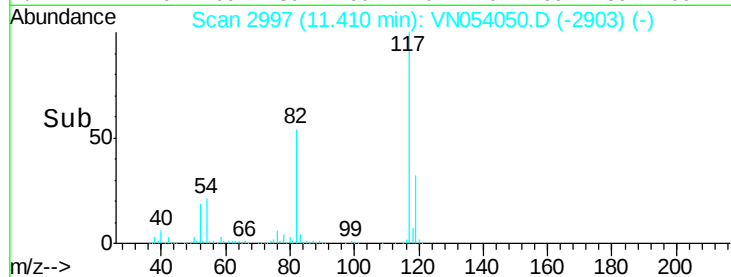
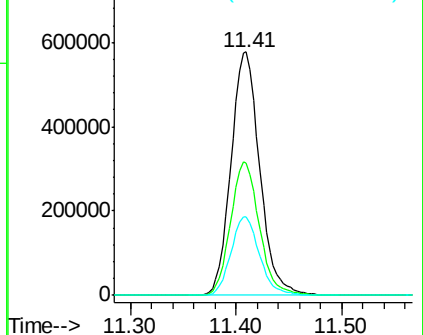
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054050.D
Acq: 2 Mar 2019 00:36

Instrument :
MSVOA_N
ClientSampleId :
Z-3-13-A

Tot Ion:117 Resp: 1088922
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.2
119 32.1 25.3 37.9

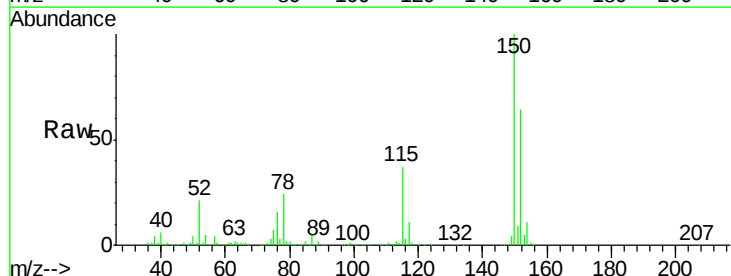


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

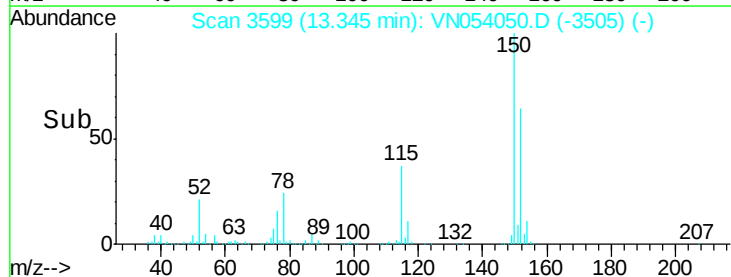
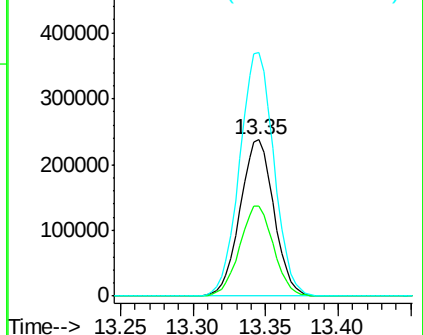


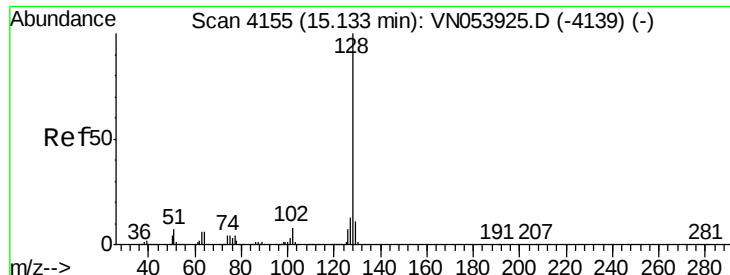
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054050.D
Acq: 2 Mar 2019 00:36

Tgt Ion:152 Resp: 385625
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 157.9 0.0 348.2



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: 3.704 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054050.D

Acq: 2 Mar 2019 00:36

Instrument :

MSVOA_N

ClientSampleId :

Z-3-13-A

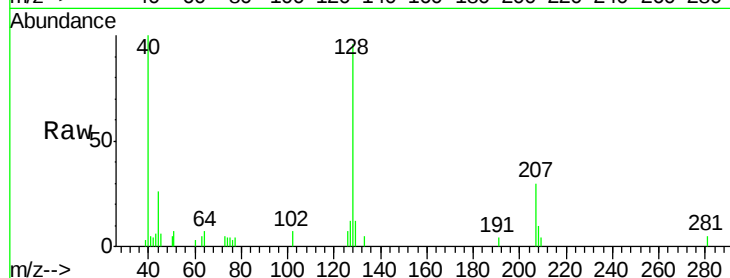
Tot Ion:128 Resp: 8033

Ion Ratio Lower Upper

128 100

127 14.9 10.2 15.2

129 13.5 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

