

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022519\
 Data File : VN053943.D
 Acq On : 25 Feb 2019 21:23
 Operator : JC/SP
 Sample : K1595-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 28 05:06:01 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

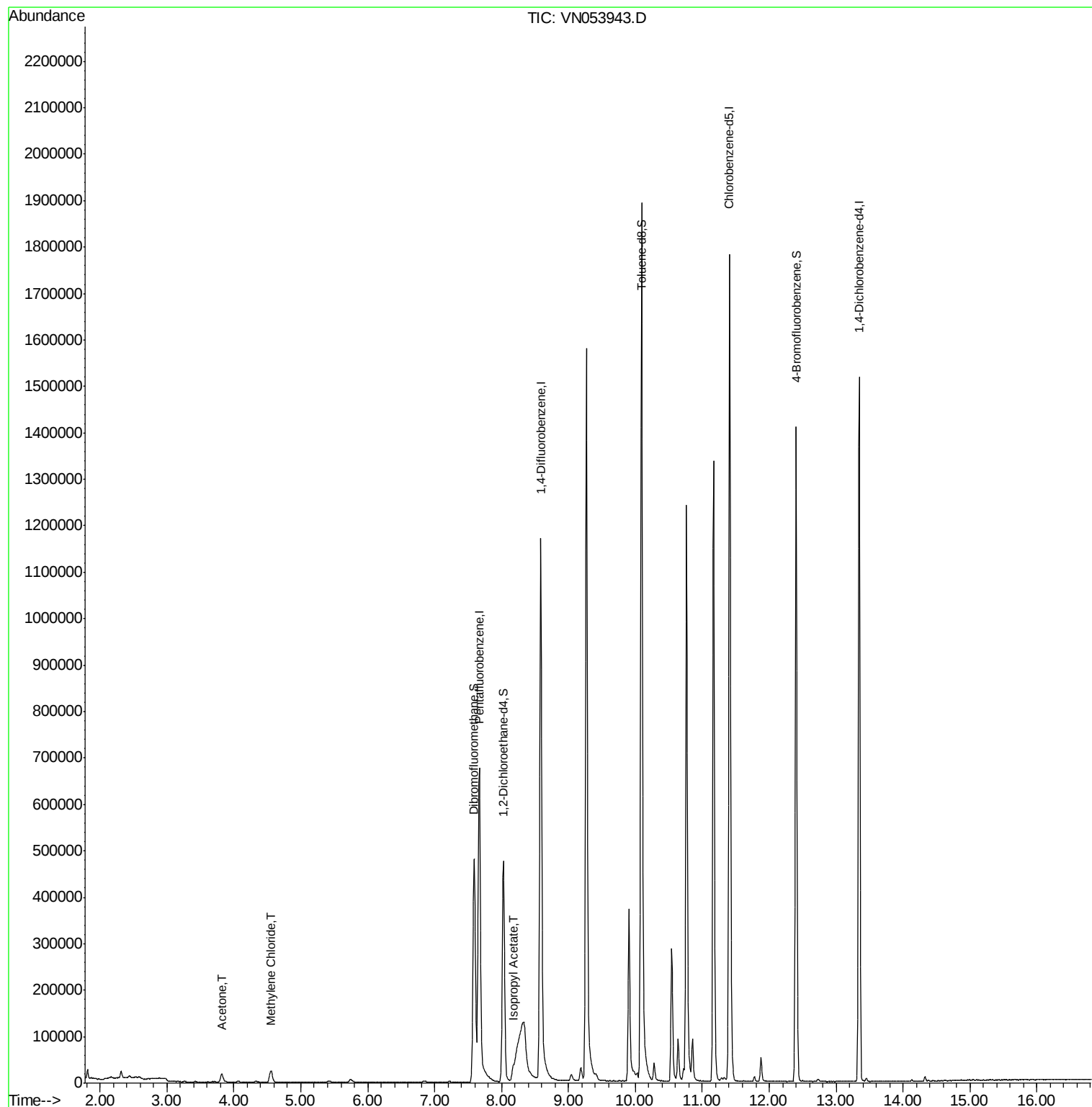
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1169729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1142154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	423568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	407595	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
35) Dibromofluoromethane	7.59	113	381889	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.09	98	1489536	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	489155	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
Target Compounds						
16) Acetone	3.82	43	30147	3.001	ug/l	99
20) Methylene Chloride	4.55	84	18808	2.505	ug/l	94
43) Isopropyl Acetate	8.17	43	31919	2.434	ug/l #	95

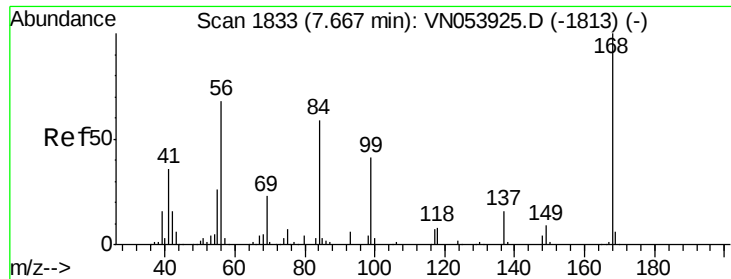
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022519\
Data File : VN053943.D
Acq On : 25 Feb 2019 21:23
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Sample : K1595-08
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
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: VN053943.D

Acq: 25 Feb 2019 21:23

Instrument :

MSVOA_N

ClientSampled :

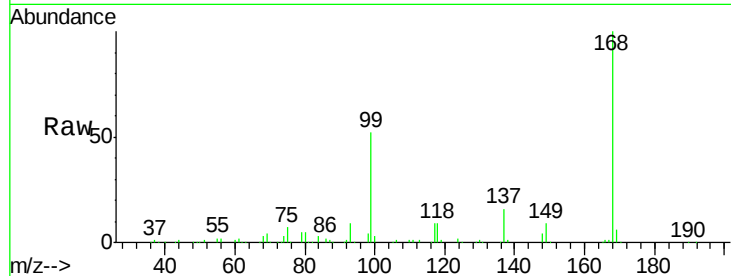
TP-MH-C02

Tot Ion:168 Resp: 647127

Ion Ratio Lower Upper

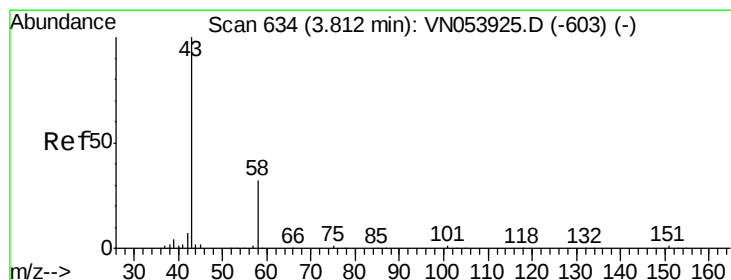
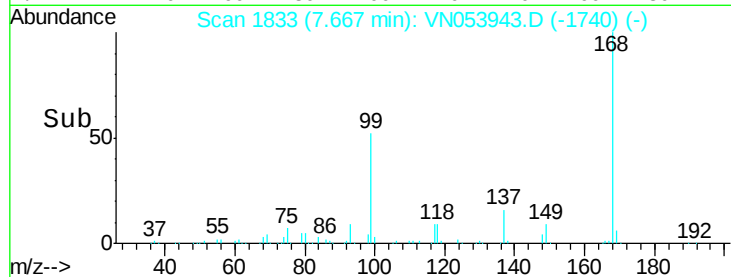
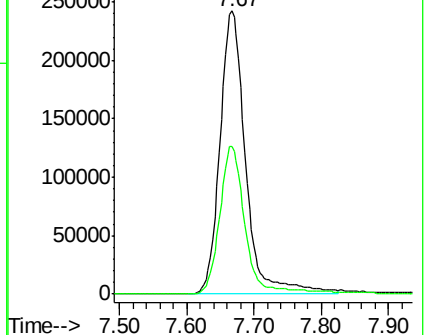
168 100

99 52.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 3.001 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053943.D

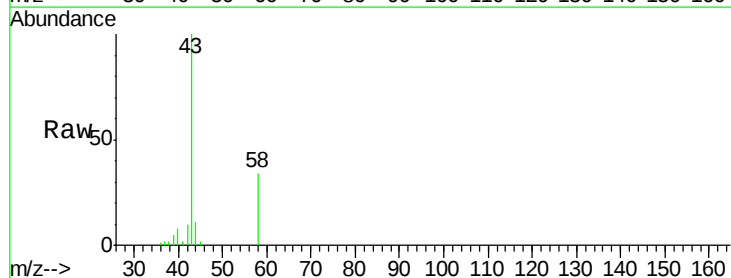
Acq: 25 Feb 2019 21:23

Tgt Ion: 43 Resp: 30147

Ion Ratio Lower Upper

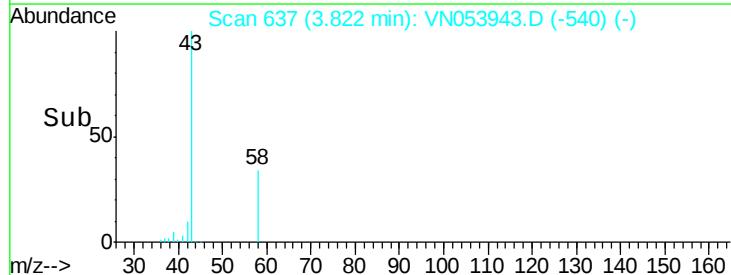
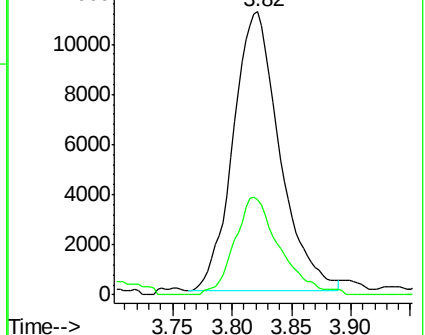
43 100

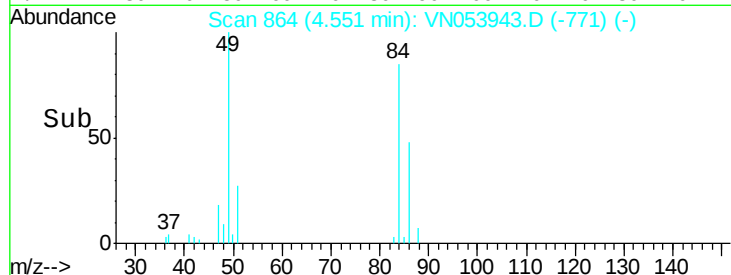
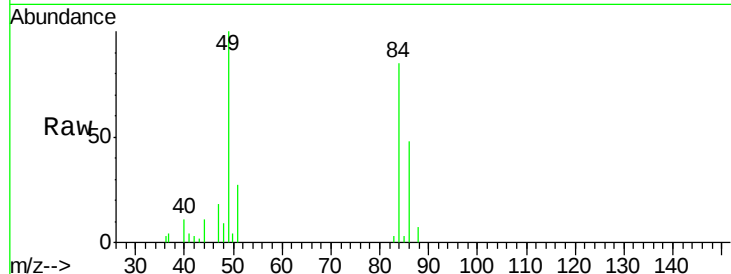
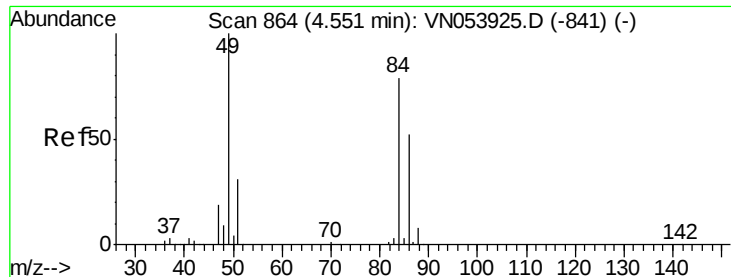
58 34.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

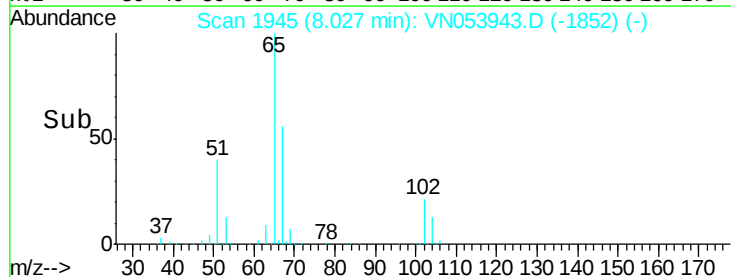
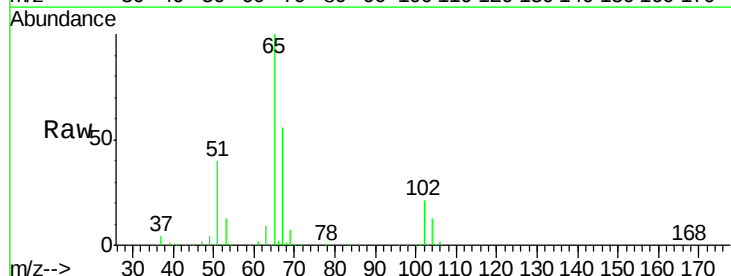
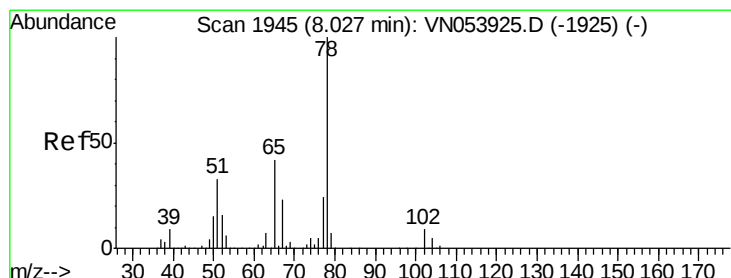
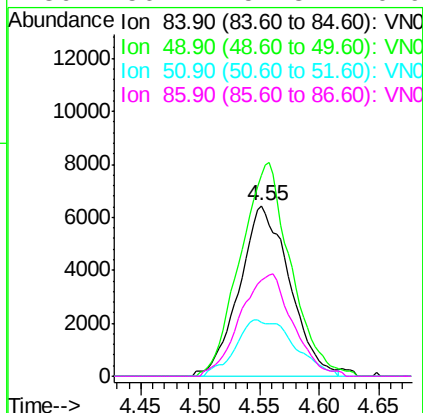




#20
Methvlene Chloride
Concen: 2.505 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053943.D
Acq: 25 Feb 2019 21:23

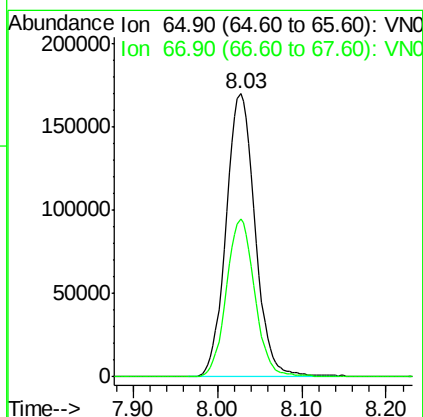
Instrument :
MSVOA_N
ClientSampleId :
TP-MH-C02

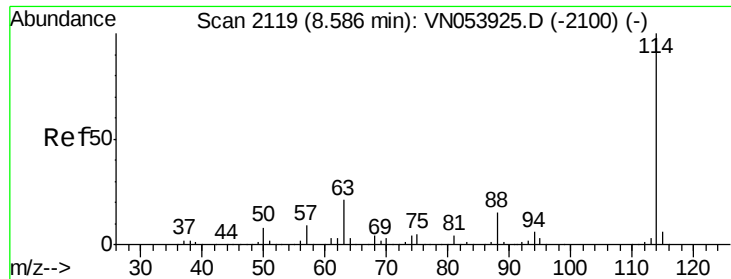
Tot Ion:	84	Resp:	18808
Ion	Ratio	Lower	Upper
84	100		
49	117.6	89.7	134.5
51	31.9	27.8	41.8
86	56.7	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 53.731 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053943.D
Acq: 25 Feb 2019 21:23

Tgt Ion:	65	Resp:	407595
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.8

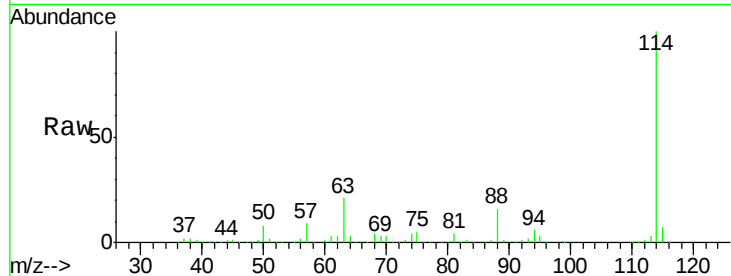




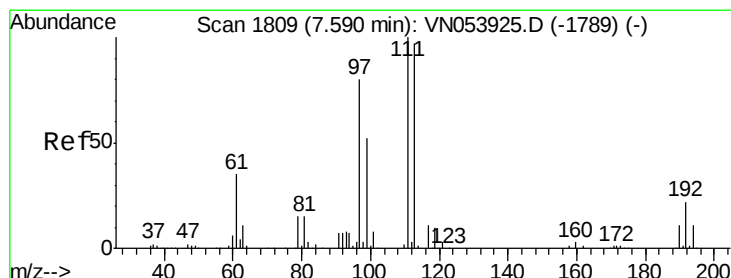
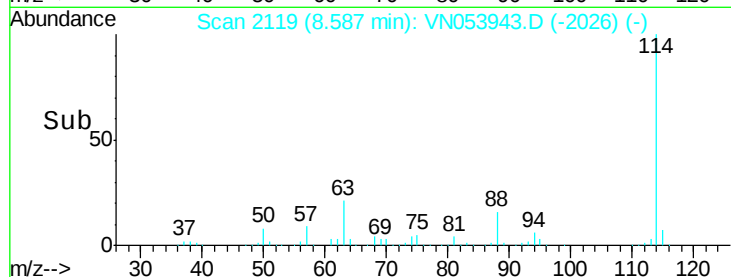
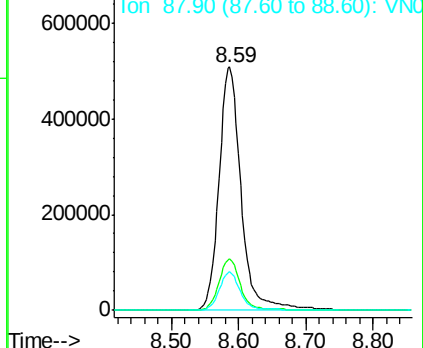
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053943.D
 Acq: 25 Feb 2019 21:23

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-MH-C02

Tot Ion:114 Resp: 1169729
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.8 0.0 30.4

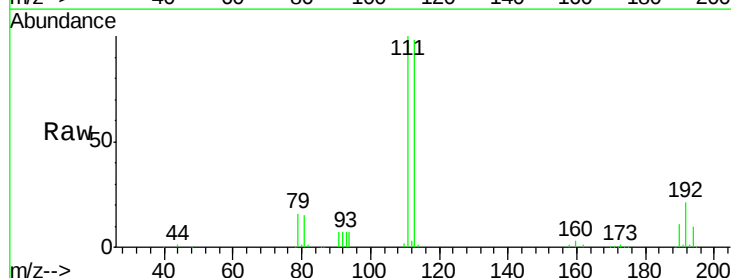


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

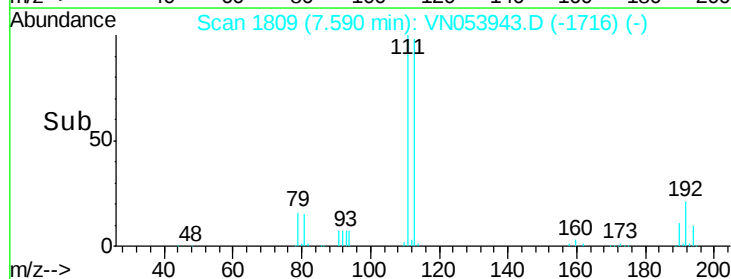
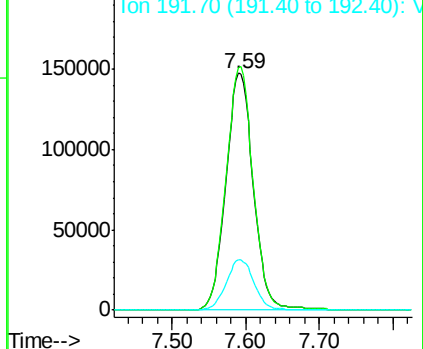


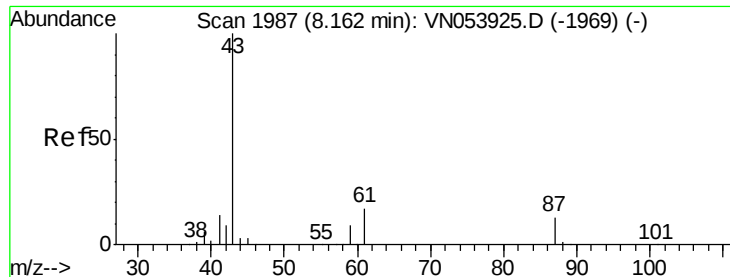
#35
 Dibromofluoromethane
 Concen: 50.487 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053943.D
 Acq: 25 Feb 2019 21:23

Tgt Ion:113 Resp: 381889
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 21.5 18.8 28.2



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: 2.434 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053943.D

Acq: 25 Feb 2019 21:23

Instrument :

MSVOA_N

ClientSampled :

TP-MH-C02

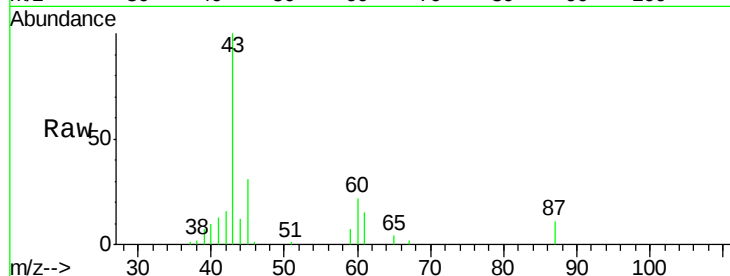
Tot Ion: 43 Resp: 31919

Ion Ratio Lower Upper

43 100

61 20.3 17.4 26.0

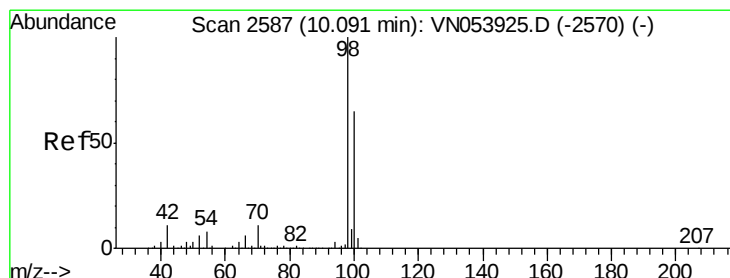
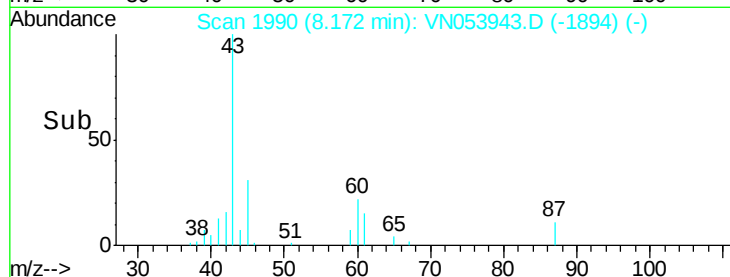
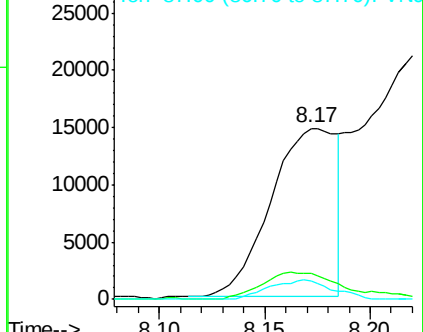
87 11.1 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053943.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053943.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053943.D (-1894) (-)



#50

Toluene-d8

Concen: 52.899 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053943.D

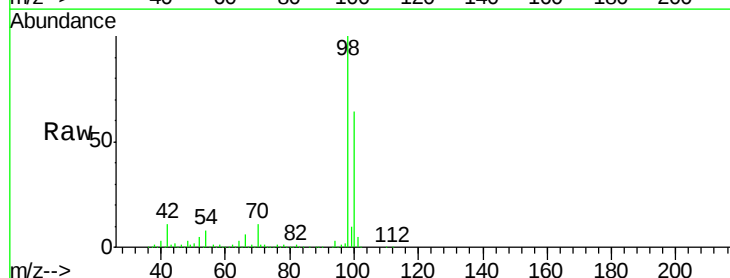
Acq: 25 Feb 2019 21:23

Tgt Ion: 98 Resp: 1489536

Ion Ratio Lower Upper

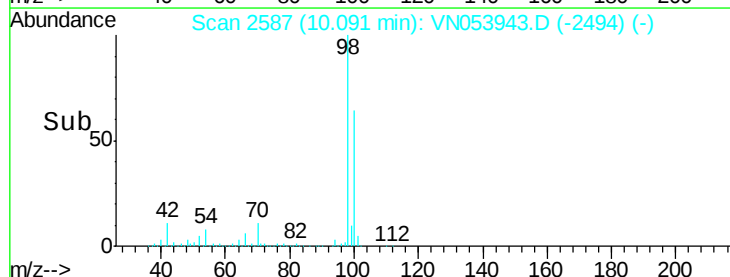
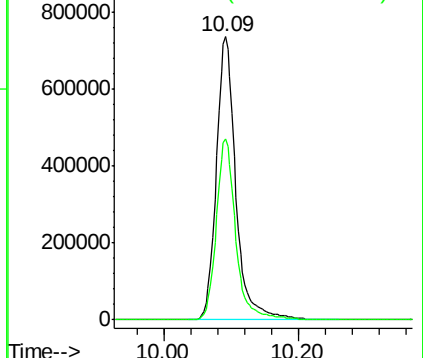
98 100

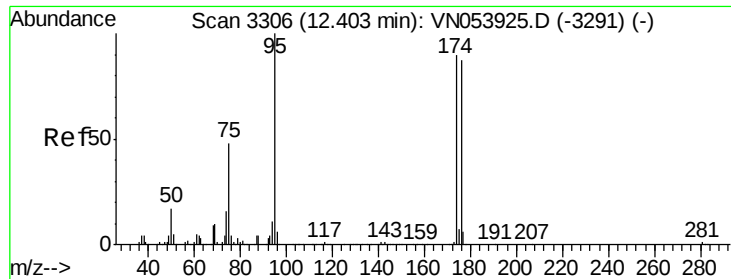
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053943.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053943.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 52.141 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053943.D

Acq: 25 Feb 2019 21:23

Instrument :

MSVOA_N

ClientSampleId :

TP-MH-C02

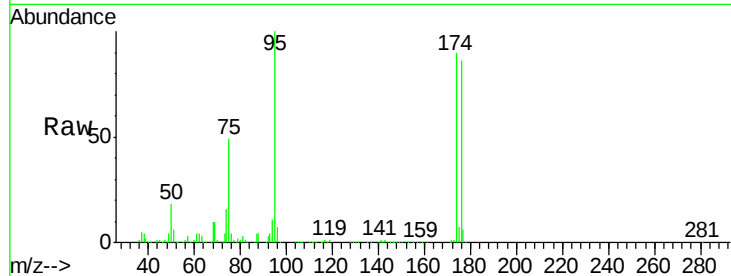
Tot Ion: 95 Resp: 489155

Ion Ratio Lower Upper

95 100

174 89.6 0.0 188.8

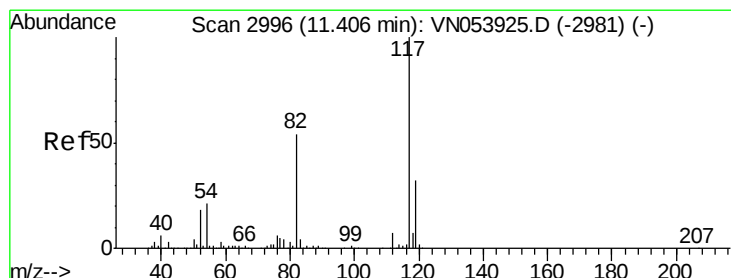
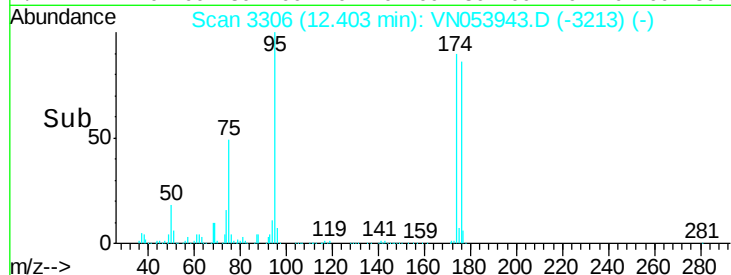
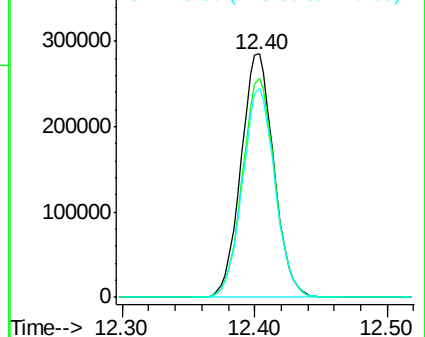
176 85.4 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053943.D

Acq: 25 Feb 2019 21:23

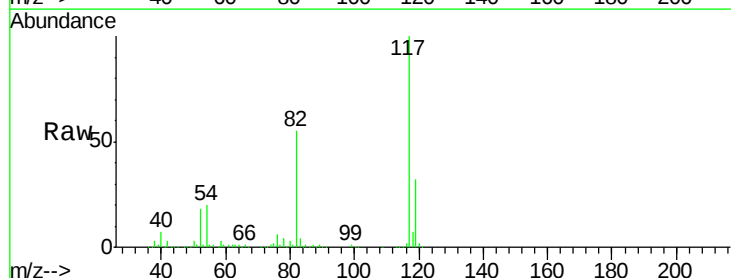
Tgt Ion: 117 Resp: 1142154

Ion Ratio Lower Upper

117 100

82 54.8 41.4 62.2

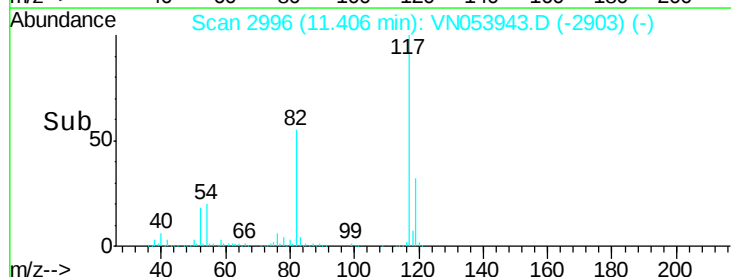
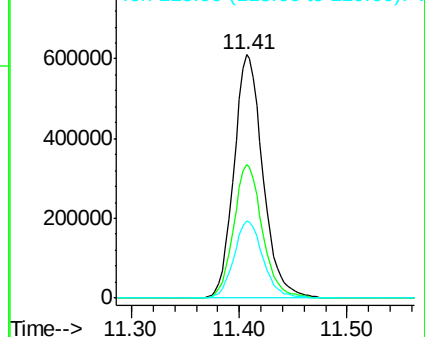
119 31.6 25.3 37.9

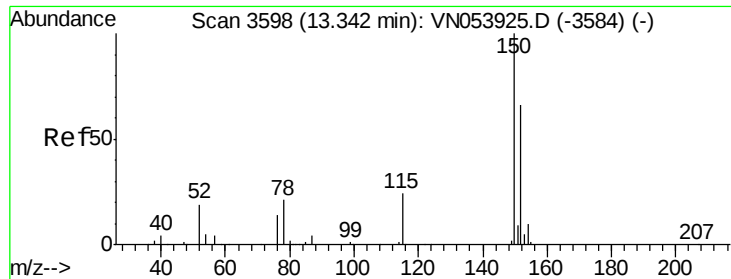


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053943.D

Acq: 25 Feb 2019 21:23

Instrument :

MSVOA_N

ClientSampleId :

TP-MH-C02

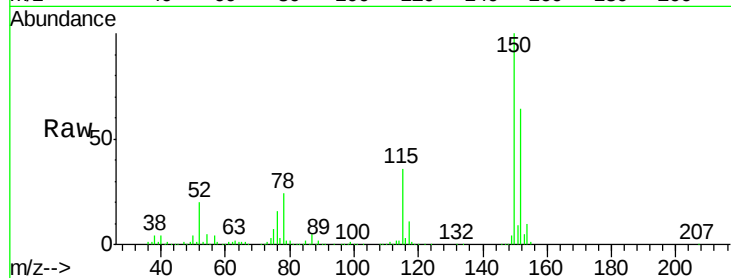
Tot Ion:152 Resp: 423568

Ion Ratio Lower Upper

152 100

115 56.7 27.2 81.6

150 156.8 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

