

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054748.D
 Acq On : 28 Mar 2019 16:51
 Operator : JC/SP
 Sample : K2107-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Mar 29 07:28:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

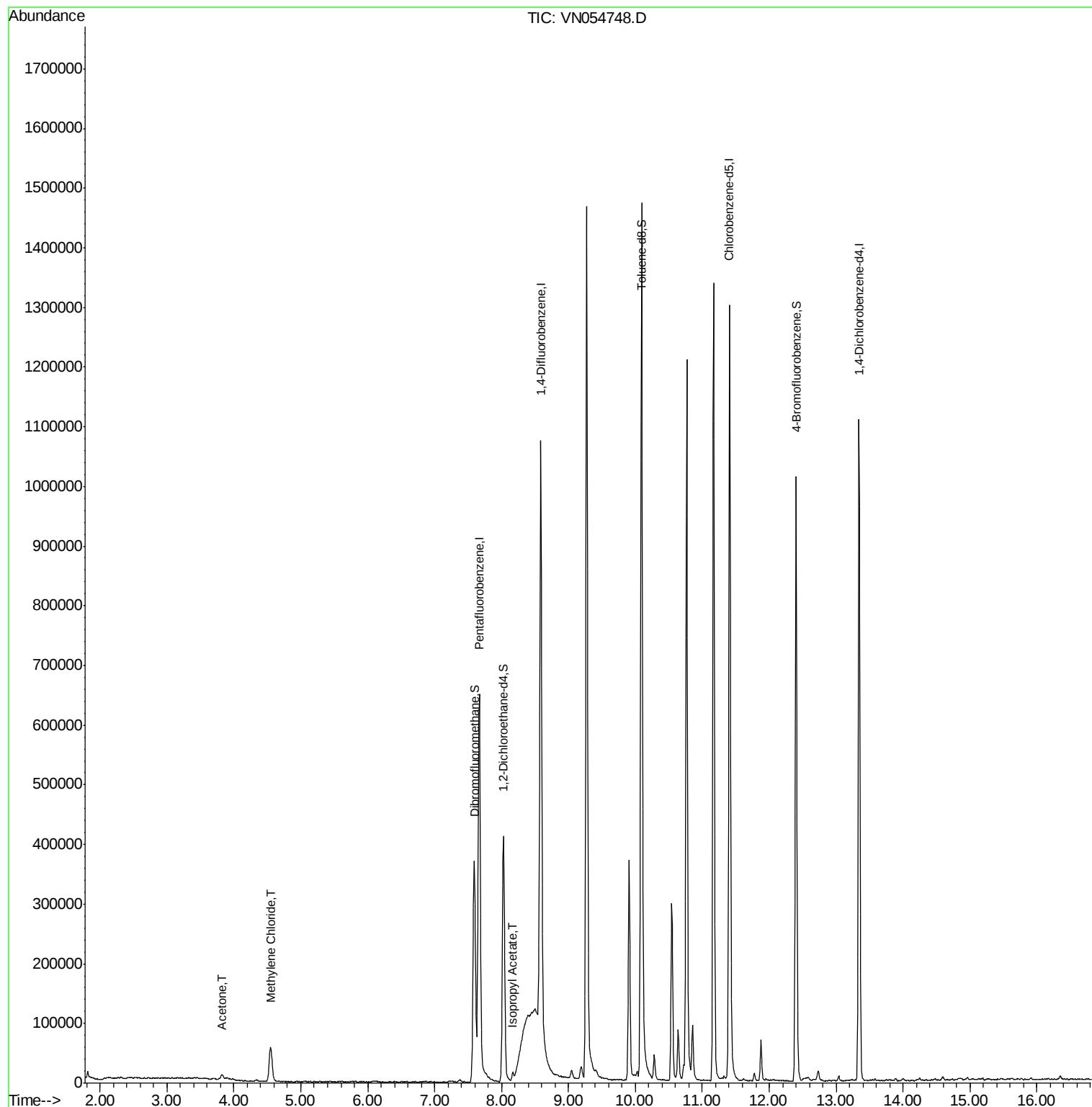
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	558720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	899481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	291199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355698	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	7.59	113	279594	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1088583	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	349117	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
16) Acetone	3.83	43	13229	6.331	ug/l #	84
20) Methylene Chloride	4.55	84	41048	6.665	ug/l #	80
43) Isopropyl Acetate	8.17	43	16948	1.678	ug/l #	94

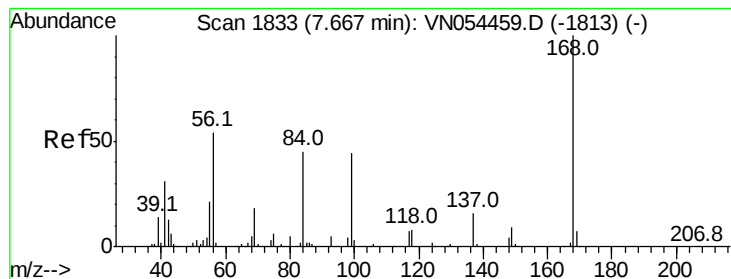
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032819\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054748.D

Acq: 28 Mar 2019 16:51

Instrument :

MSVOA_N

ClientSampled :

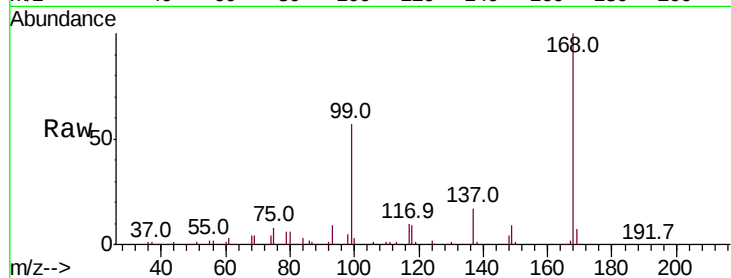
TP-3

Tot Ion:168 Resp: 558720

Ion Ratio Lower Upper

168 100

99 57.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

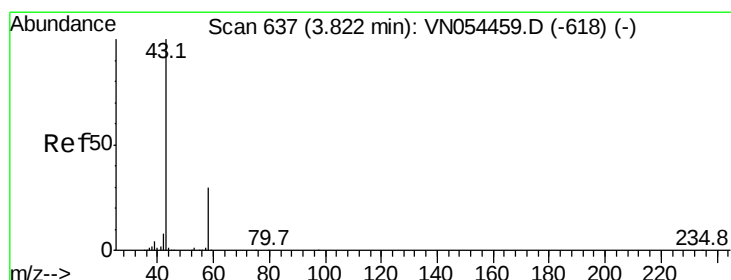
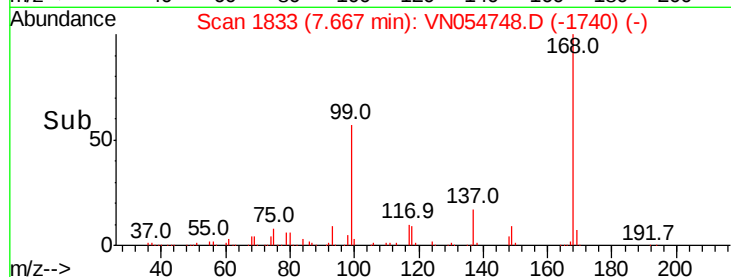
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.331 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054748.D

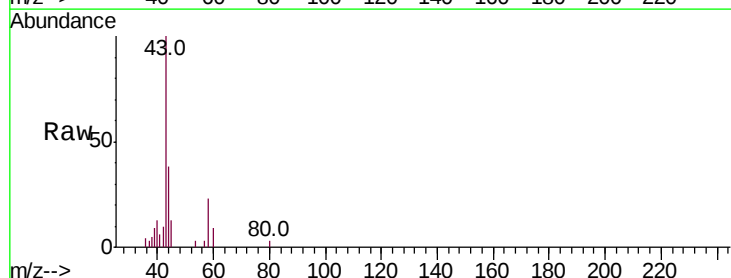
Acq: 28 Mar 2019 16:51

Tgt Ion: 43 Resp: 13229

Ion Ratio Lower Upper

43 100

58 28.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

6000

5000

4000

3000

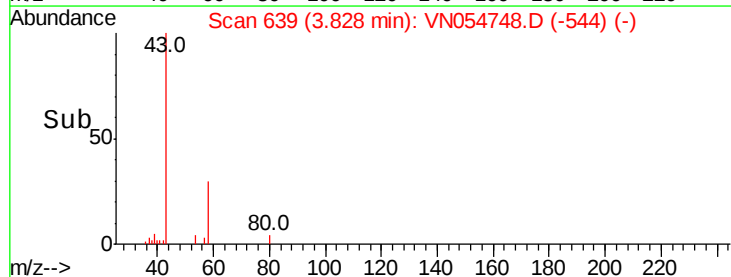
2000

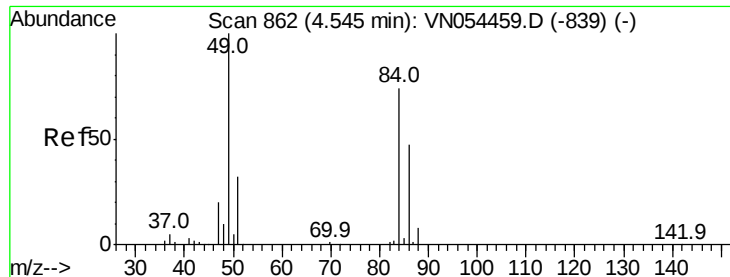
1000

0

Time-->

3.75 3.80 3.85 3.90

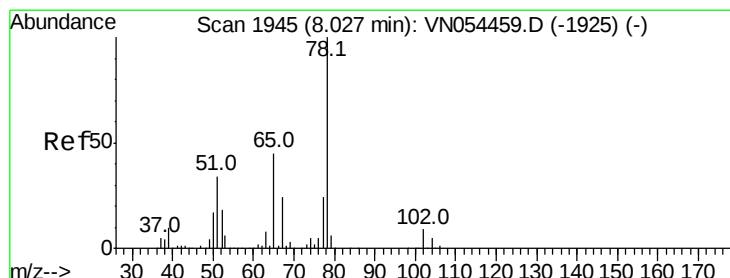
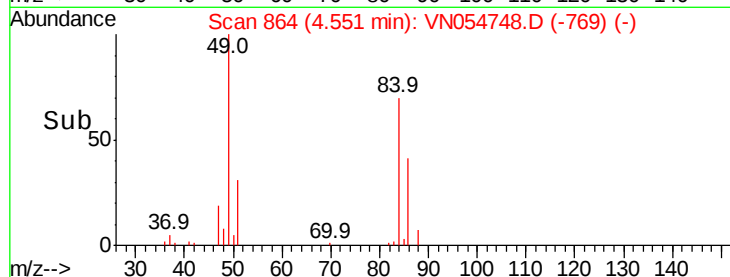
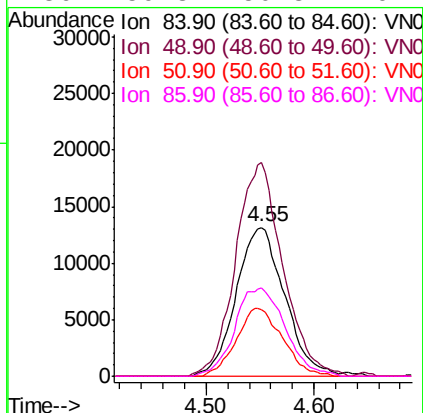
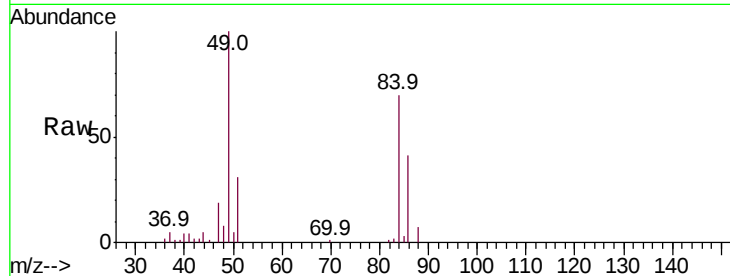




#20
Methylene Chloride
Concen: 6.665 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054748.D
Acq: 28 Mar 2019 16:51

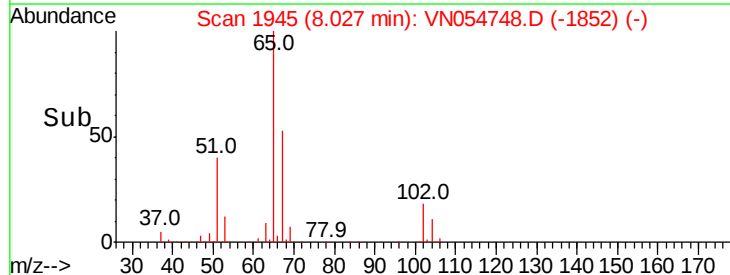
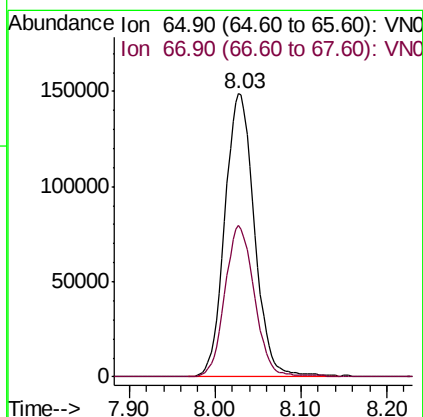
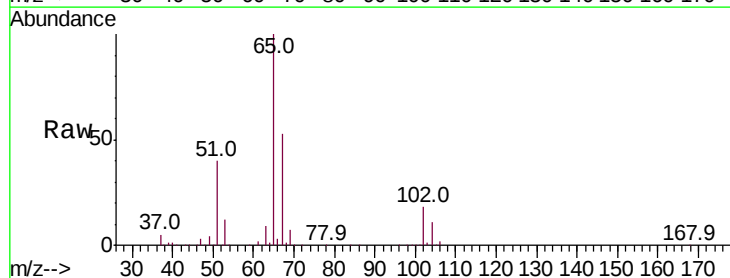
Instrument :
MSVOA_N
ClientSampled :
TP-3

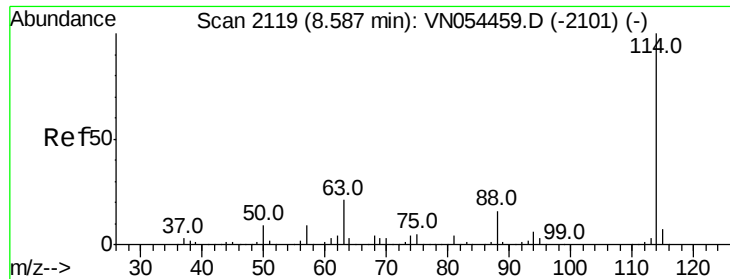
Tot Ion: 84 Resp: 41048
Ion Ratio Lower Upper
84 100
49 143.8 89.7 134.5#
51 45.3 28.2 42.4#
86 59.3 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.183 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054748.D
Acq: 28 Mar 2019 16:51

Tgt Ion: 65 Resp: 355698
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.6

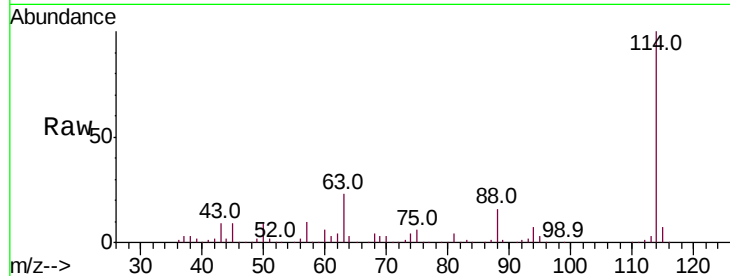




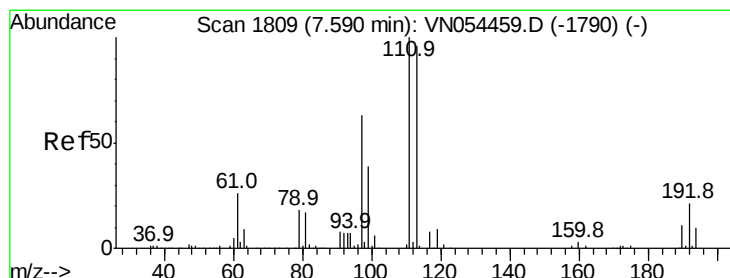
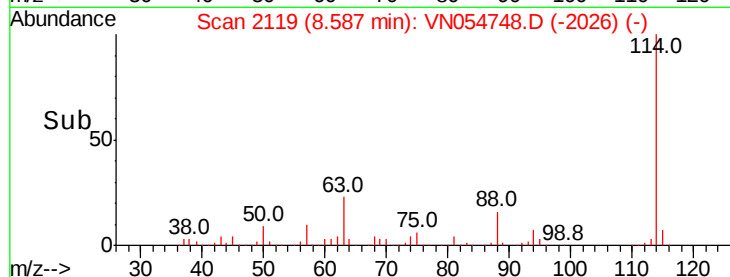
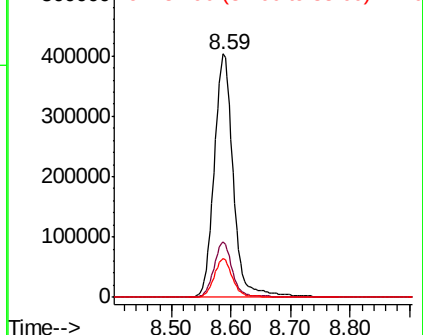
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054748.D
 Acq: 28 Mar 2019 16:51

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tot Ion:114 Resp: 899481
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 16.0 0.0 30.2

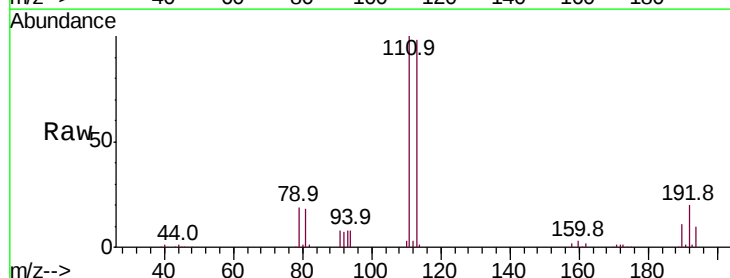


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

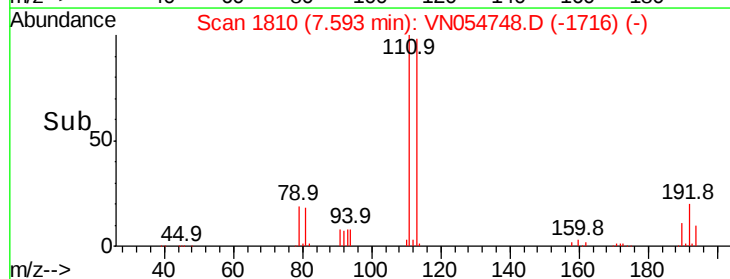
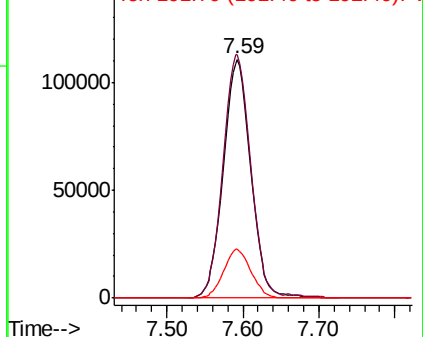


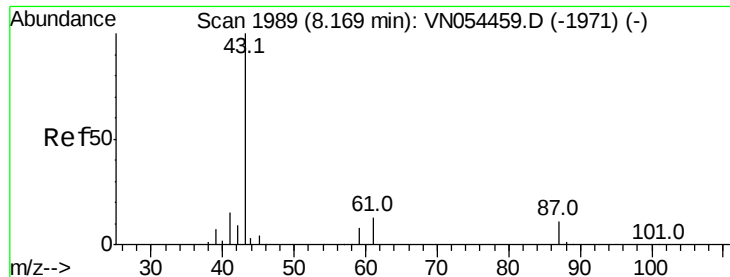
#35
 Dibromofluoromethane
 Concen: 48.248 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054748.D
 Acq: 28 Mar 2019 16:51

Tgt Ion:113 Resp: 279594
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 20.4 19.2 28.8



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: 1.678 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054748.D

Acq: 28 Mar 2019 16:51

Instrument :

MSVOA_N

ClientSampled :

TP-3

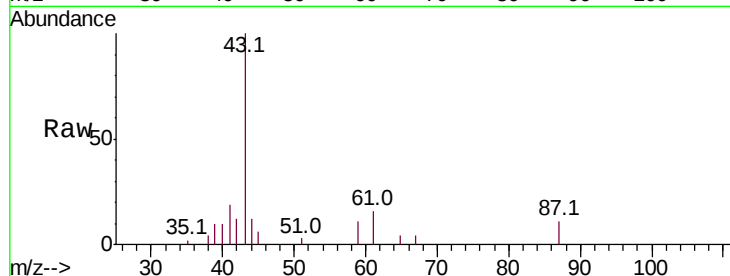
Tot Ion: 43 Resp: 16948

Ion Ratio Lower Upper

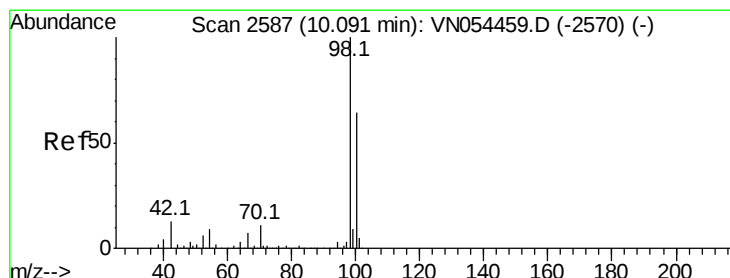
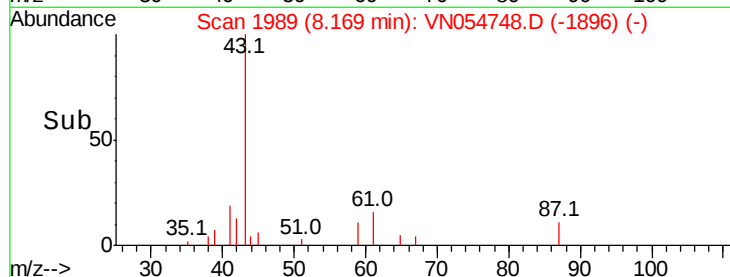
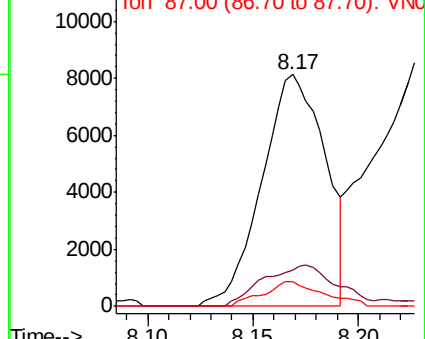
43 100

61 20.6 15.8 23.8

87 10.1 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 49.969 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054748.D

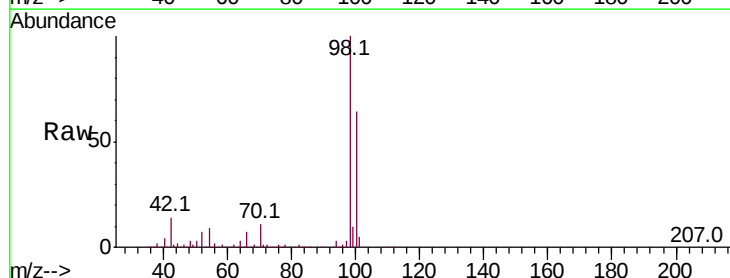
Acq: 28 Mar 2019 16:51

Tgt Ion: 98 Resp: 1088583

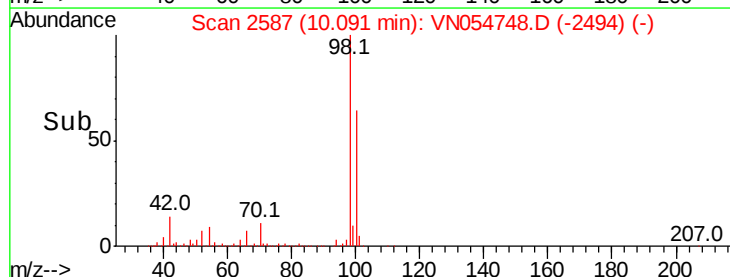
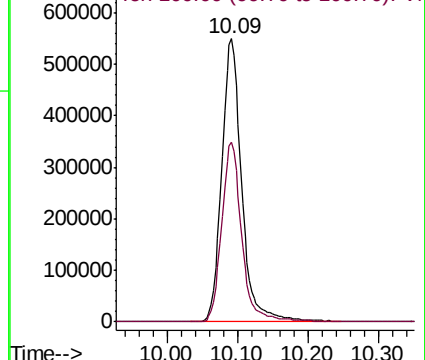
Ion Ratio Lower Upper

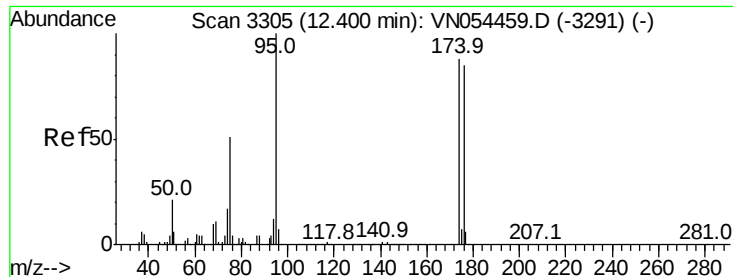
98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: 47.094 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054748.D

Acq: 28 Mar 2019 16:51

Instrument :

MSVOA_N

ClientSampled :

TP-3

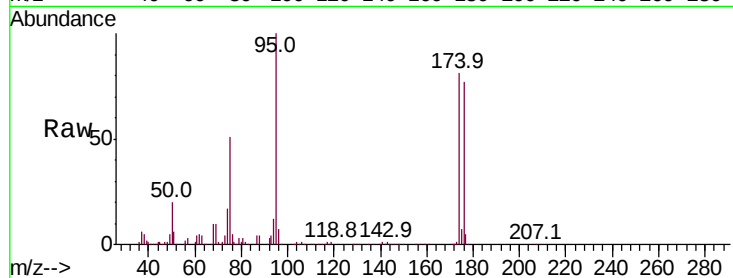
Tot Ion: 95 Resp: 349117

Ion Ratio Lower Upper

95 100

174 83.2 0.0 191.0

176 80.4 0.0 187.4

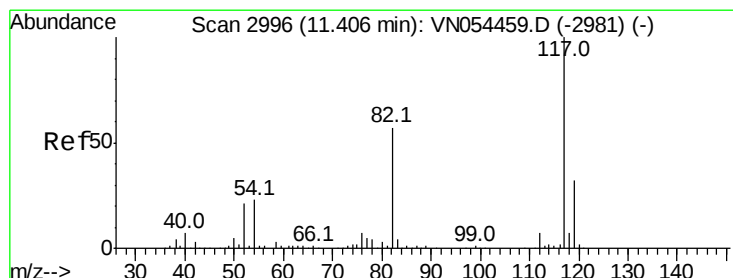
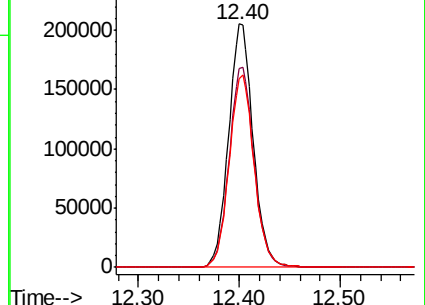
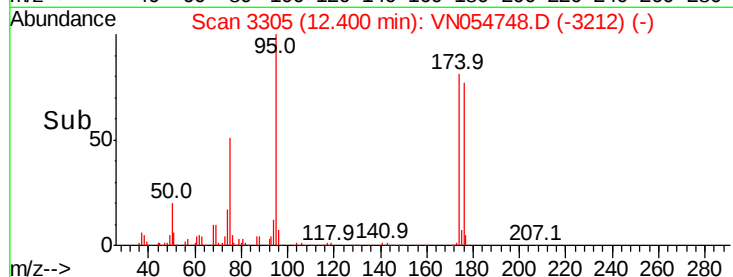


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054748.D

Acq: 28 Mar 2019 16:51

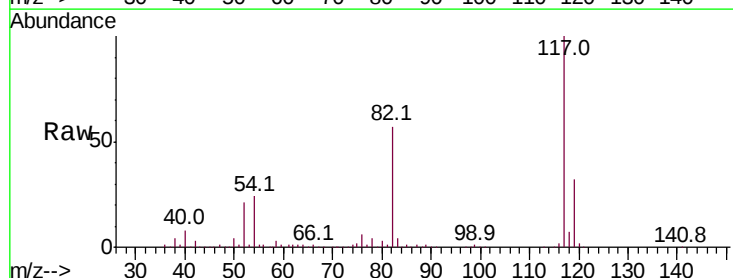
Tgt Ion: 117 Resp: 774514

Ion Ratio Lower Upper

117 100

82 57.0 40.0 60.0

119 32.1 25.8 38.6

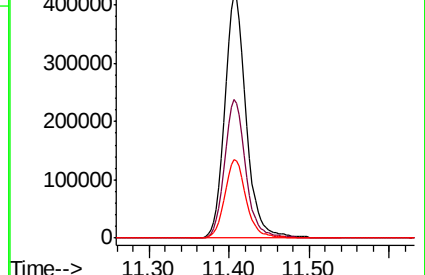
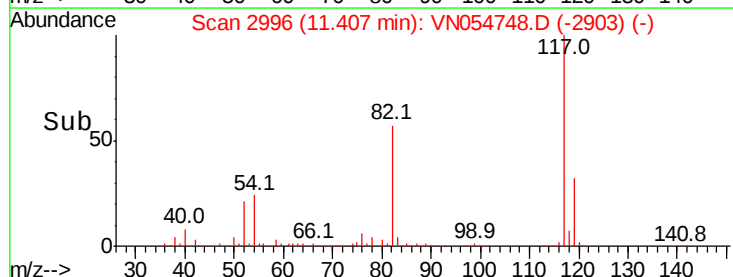


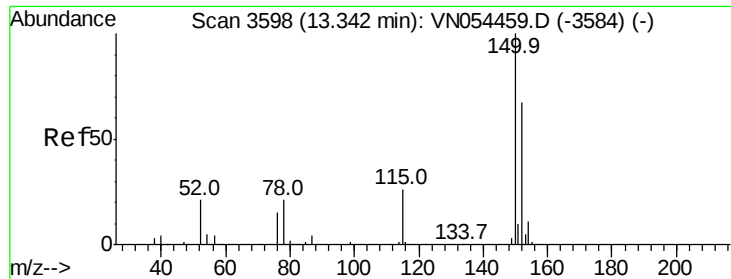
Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054748.D

Acq: 28 Mar 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

TP-3

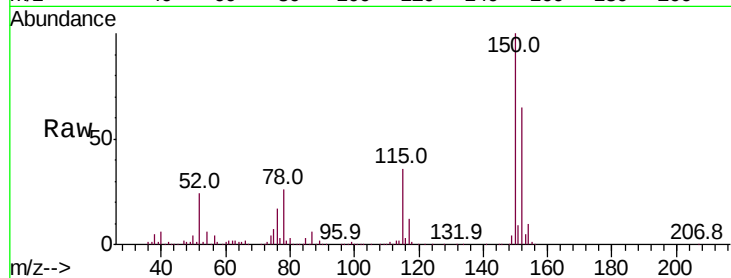
Tot Ion:152 Resp: 291199

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 157.6 0.0 349.2



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

