

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054750.D
 Acq On : 28 Mar 2019 17:44
 Operator : JC/SP
 Sample : K2107-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 29 07:32:37 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

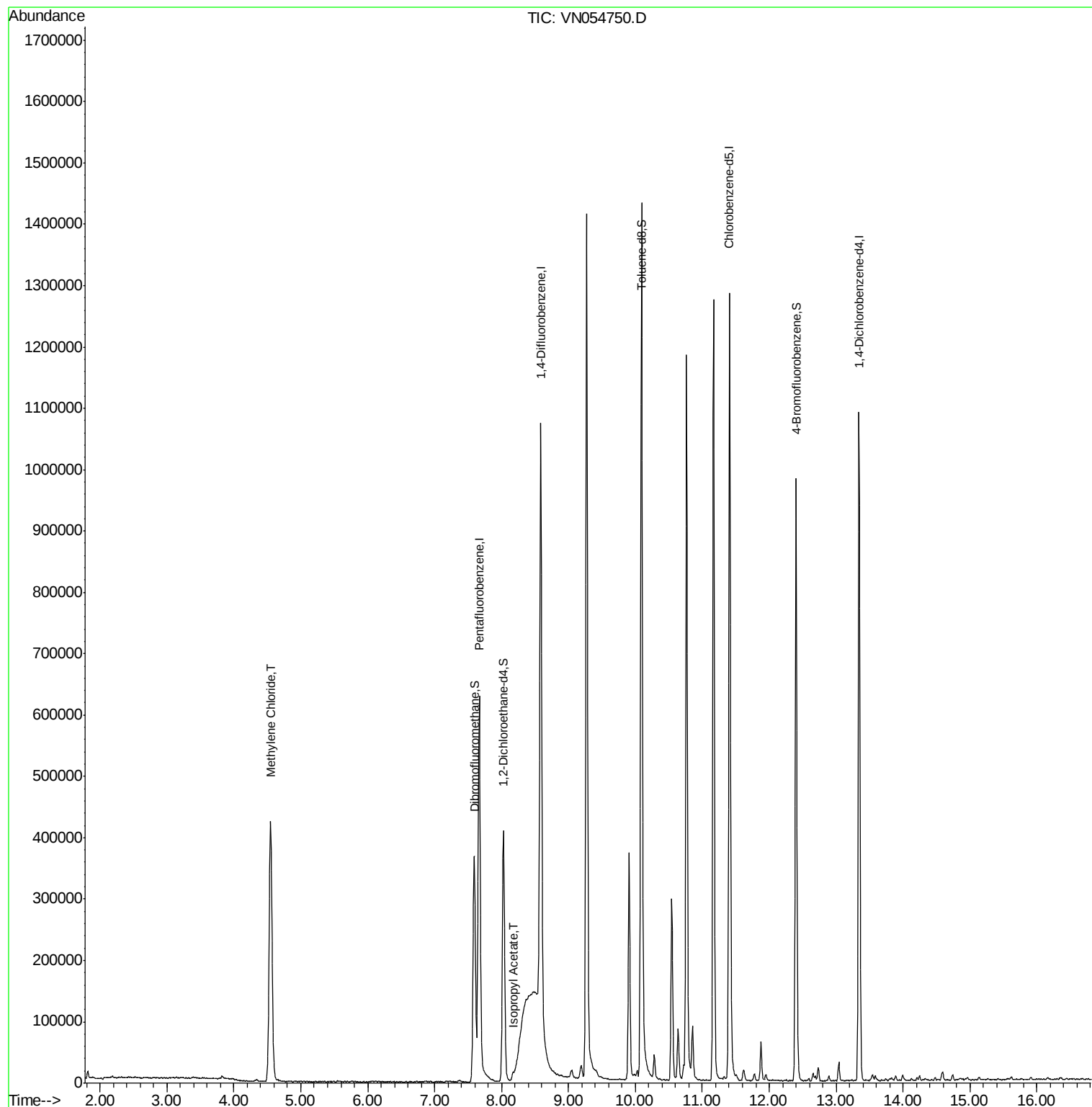
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	538600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	883459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352577	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.59	113	272860	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
50) Toluene-d8	10.09	98	1061421	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	340144	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
20) Methylene Chloride	4.55	84	292424	49.252	ug/l #	79
43) Isopropyl Acetate	8.17	43	17578	1.772	ug/l	95

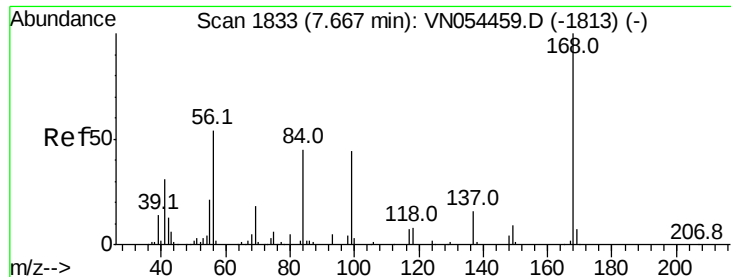
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032819\
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QLast Update : Fri Mar 22 02:09:07 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: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

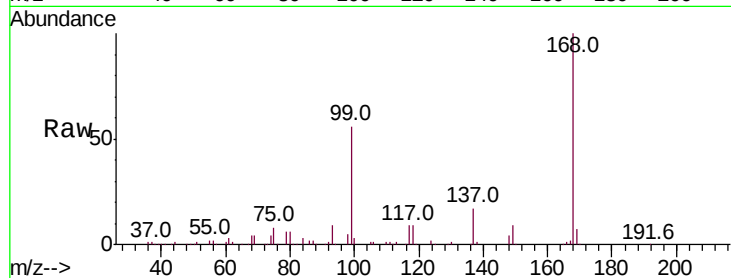
TP-1

Tot Ion:168 Resp: 538600

Ion Ratio Lower Upper

168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

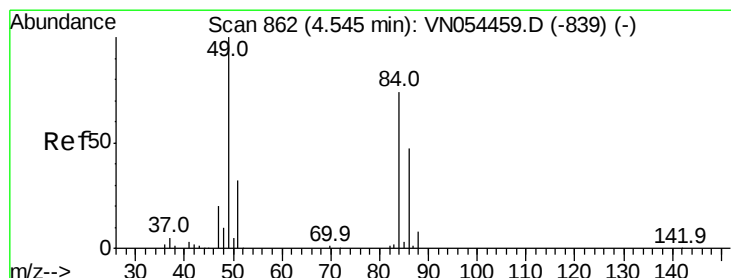
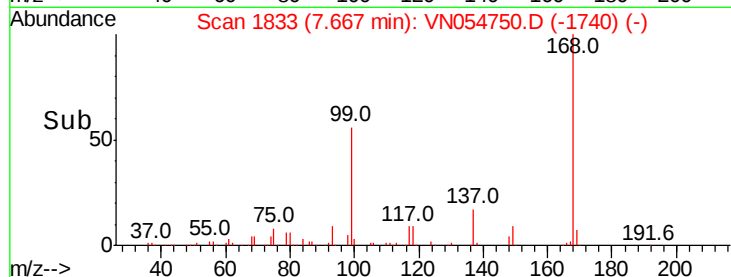
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 49.252 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Tgt Ion: 84 Resp: 292424

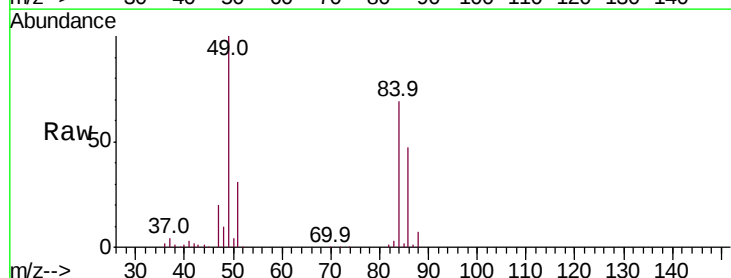
Ion Ratio Lower Upper

84 100

49 144.9 89.7 134.5#

51 45.2 28.2 42.4#

86 67.9 50.8 76.2



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

200000

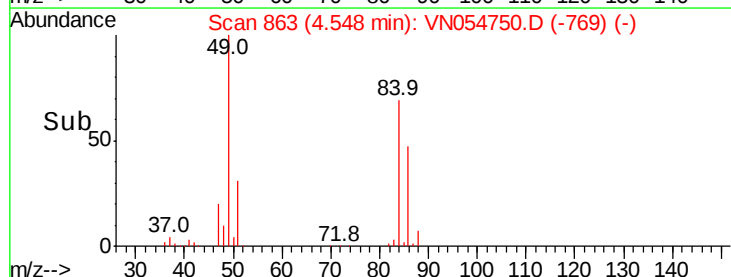
150000

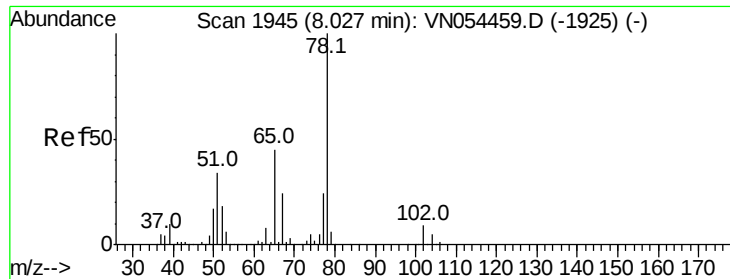
100000

50000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.629 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

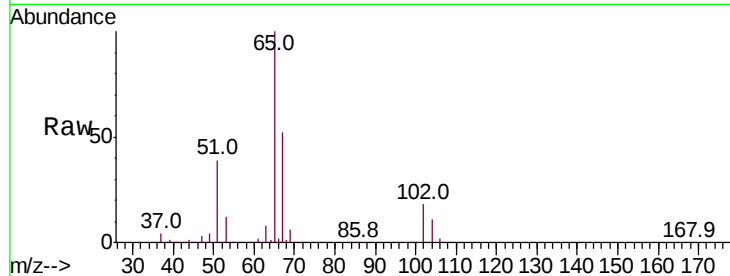
TP-1

Tot Ion: 65 Resp: 352577

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.03

150000

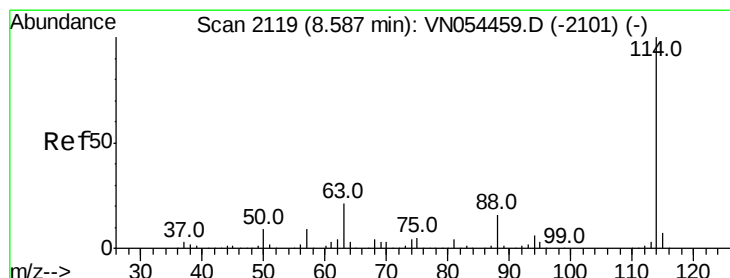
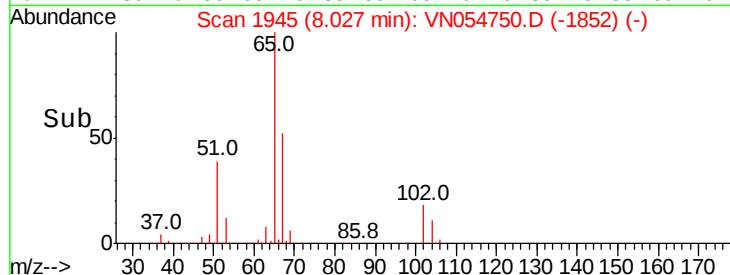
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

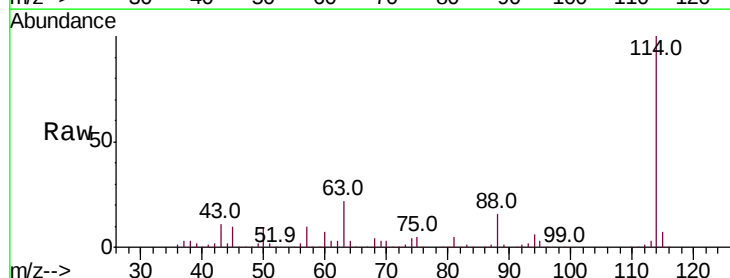
Tgt Ion: 114 Resp: 883459

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054459.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN054459.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN054459.D (-2101) (-)

8.59

500000

400000

300000

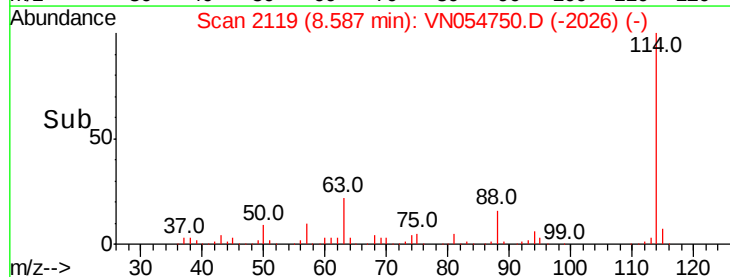
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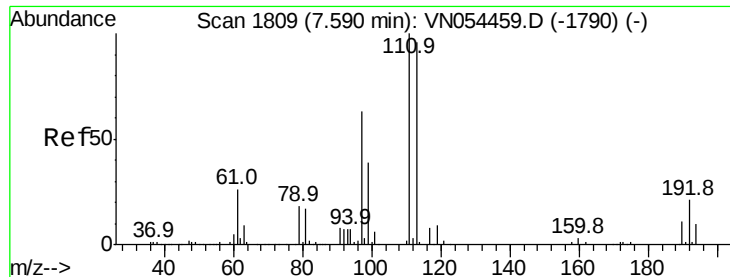
100000

0

8.50 8.60 8.70 8.80

Time-->

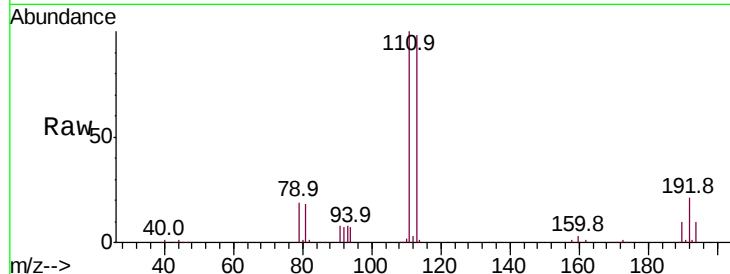




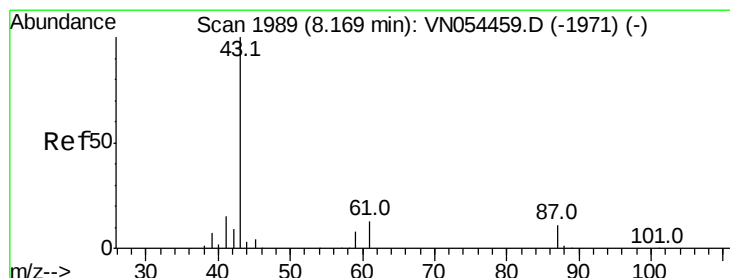
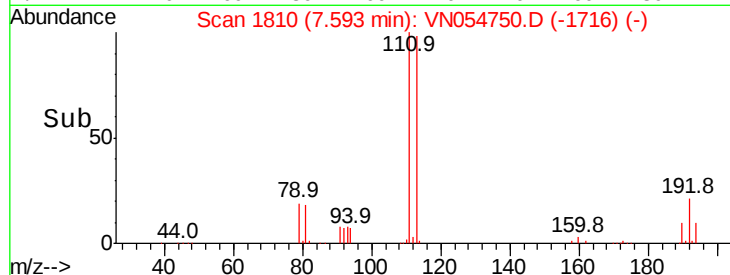
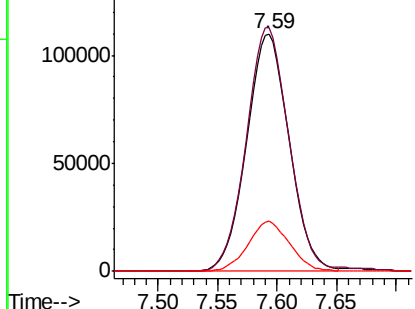
#35
 Dibromofluoromethane
 Concen: 47.940 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054750.D
 Acq: 28 Mar 2019 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tot Ion:113 Resp: 272860
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 20.6 19.2 28.8

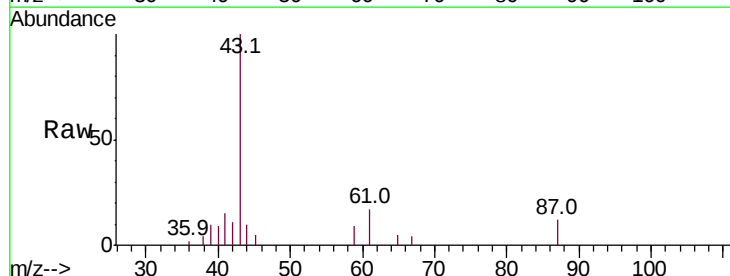


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

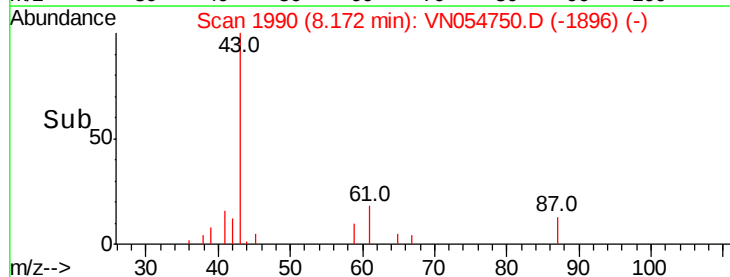
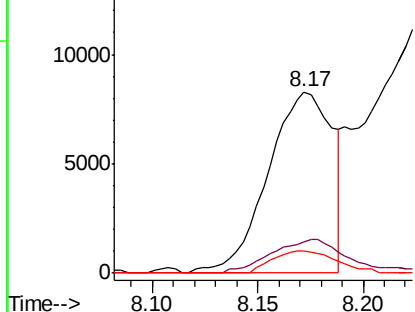


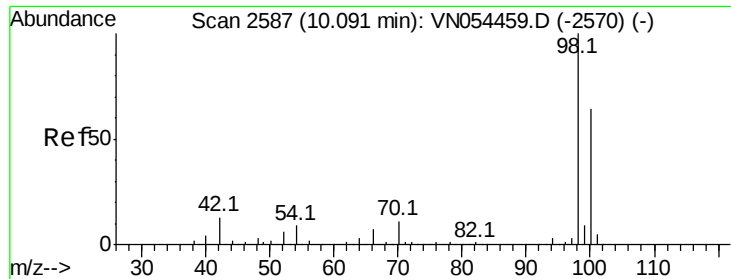
#43
 Isopropyl Acetate
 Concen: 1.772 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN054750.D
 Acq: 28 Mar 2019 17:44

Tgt Ion: 43 Resp: 17578
 Ion Ratio Lower Upper
 43 100
 61 21.7 15.8 23.8
 87 12.2 12.0 18.0



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





#50

Toluene-d8

Concen: 49.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

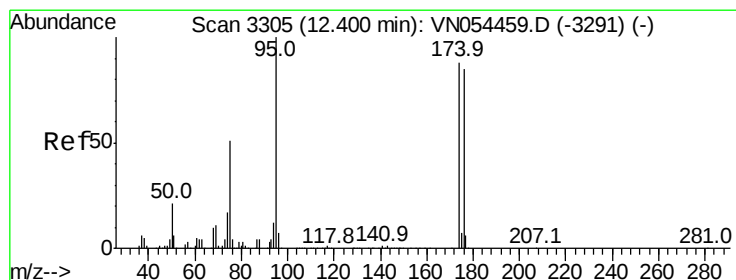
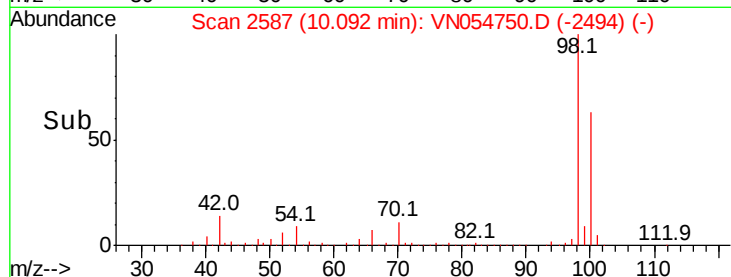
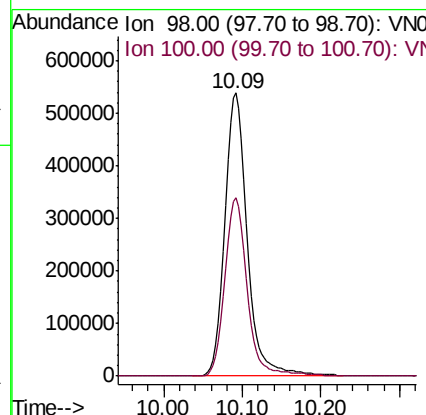
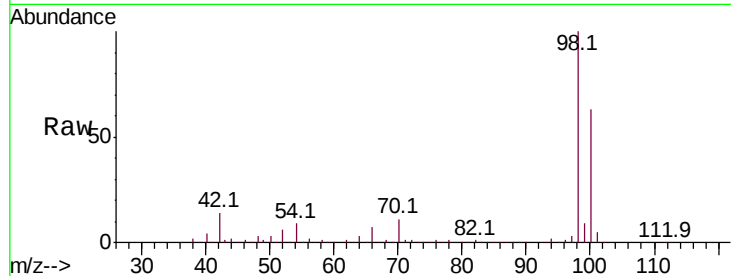
TP-1

Tot Ion: 98 Resp: 1061421

Ion Ratio Lower Upper

98 100

100 63.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.716 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

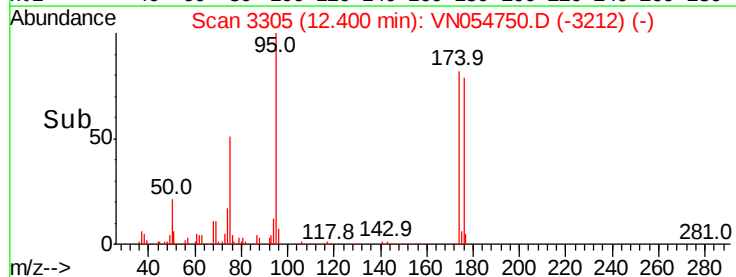
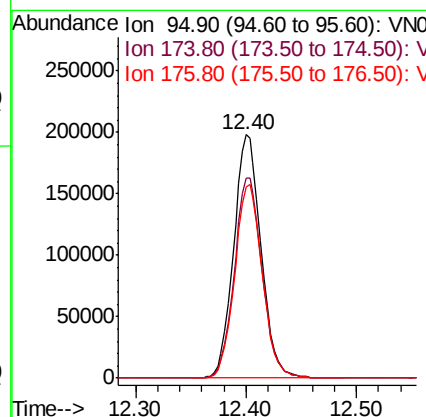
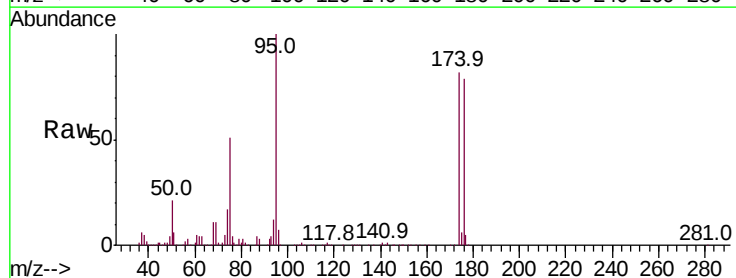
Tgt Ion: 95 Resp: 340144

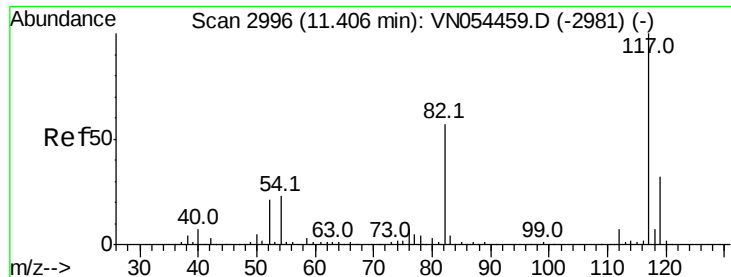
Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

176 80.4 0.0 187.4

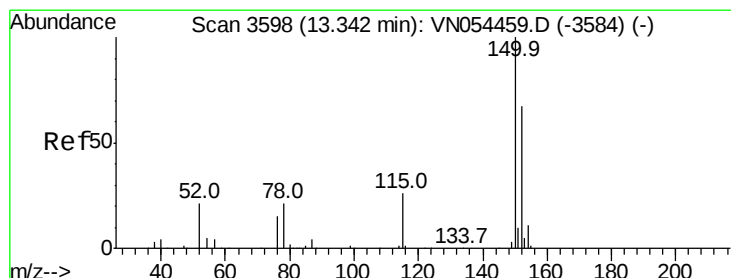
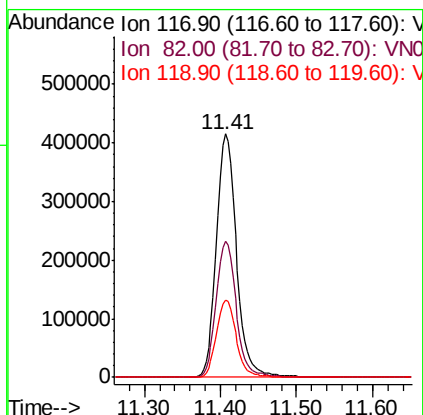
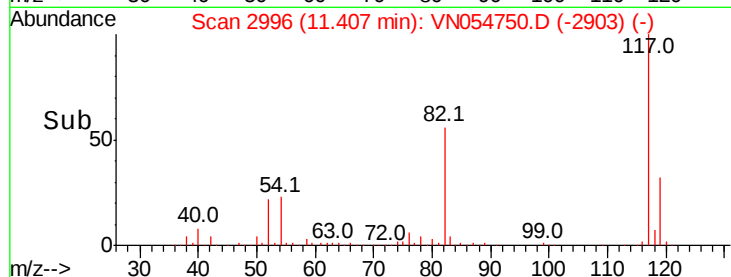
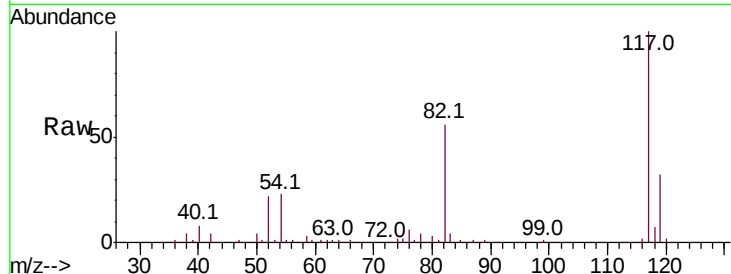




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054750.D
 Acq: 28 Mar 2019 17:44

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tot Ion:117 Resp: 764068
 Ion Ratio Lower Upper
 117 100
 82 56.1 40.0 60.0
 119 31.9 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054750.D
 Acq: 28 Mar 2019 17:44

Tgt Ion:152 Resp: 290152
 Ion Ratio Lower Upper
 152 100
 115 58.7 27.2 81.6
 150 157.5 0.0 349.2

