

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054740.D
 Acq On : 28 Mar 2019 13:21
 Operator : JC/SP
 Sample : K2107-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

Quant Time: Mar 29 06:47:18 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

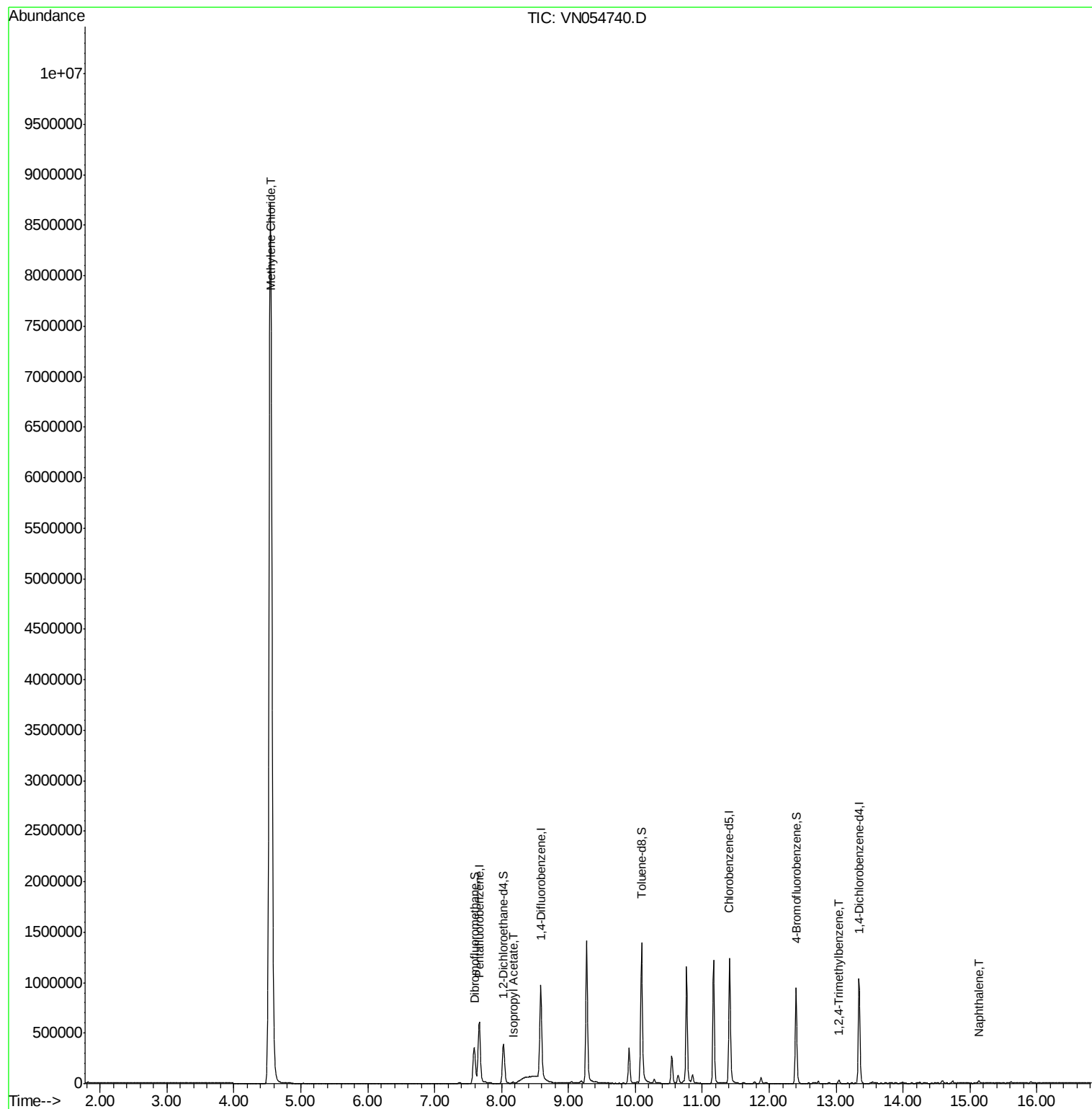
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	519539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	855940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	282120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	340528	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
35) Dibromofluoromethane	7.59	113	270871	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.09	98	1028957	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.40	95	327223	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
Target Compounds						
20) Methylene Chloride	4.55	84	6093091	1063.886	ug/l #	81
43) Isopropyl Acetate	8.18	43	16466	1.713	ug/l #	94
84) 1,2,4-Trimethylbenzene	13.04	105	18651	1.020	ug/l	96
95) Naphthalene	15.13	128	18761	1.864	ug/l	96

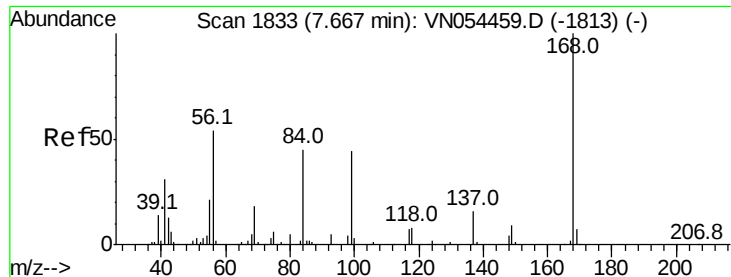
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054740.D

Acq: 28 Mar 2019 13:21

Instrument :

MSVOA_N

ClientSampled :

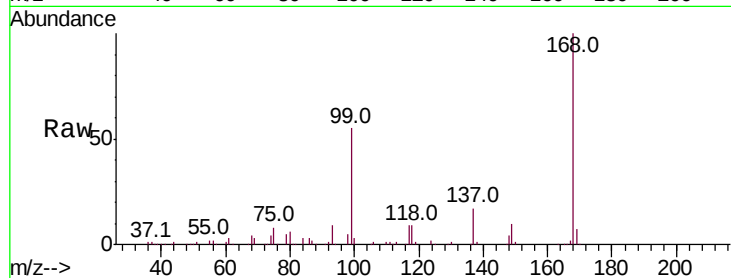
TP-8

Tot Ion:168 Resp: 519539

Ion Ratio Lower Upper

168 100

99 55.1 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

200000

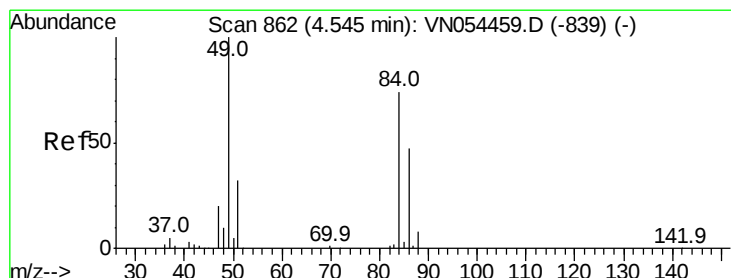
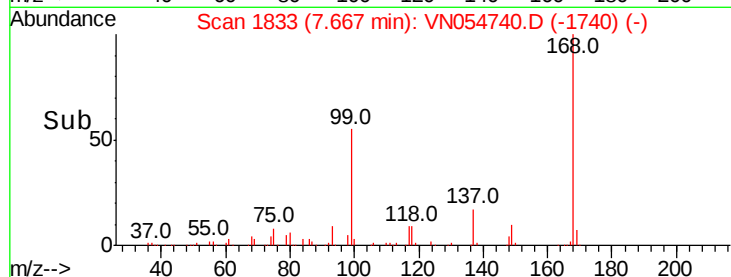
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1063.886 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054740.D

Acq: 28 Mar 2019 13:21

Tgt Ion: 84 Resp: 6093091

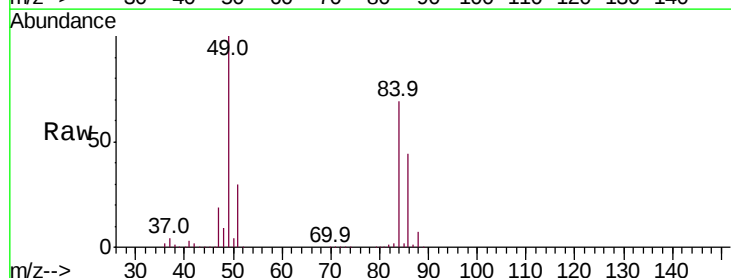
Ion Ratio Lower Upper

84 100

49 144.3 89.7 134.5#

51 43.7 28.2 42.4#

86 64.1 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

4000000

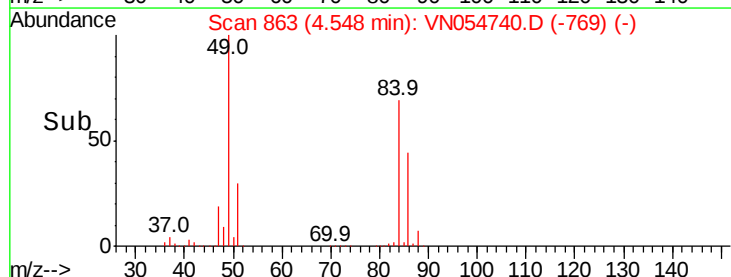
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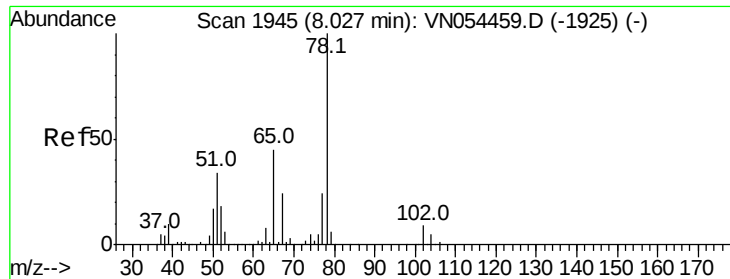
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1000000

0

Time-->

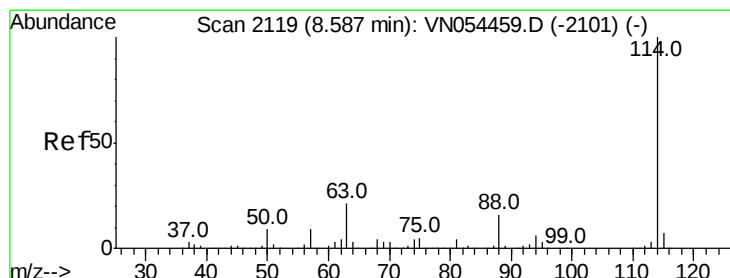
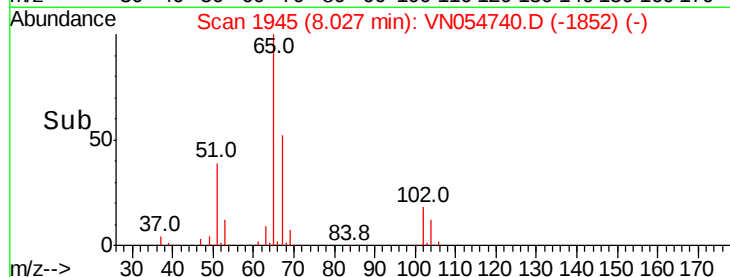
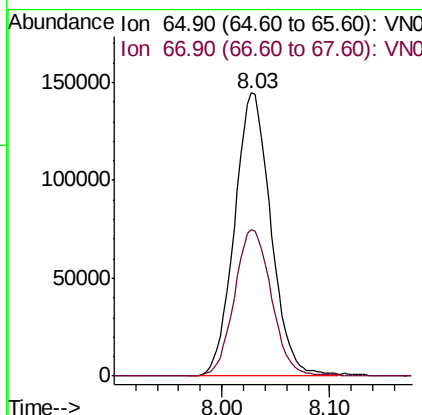
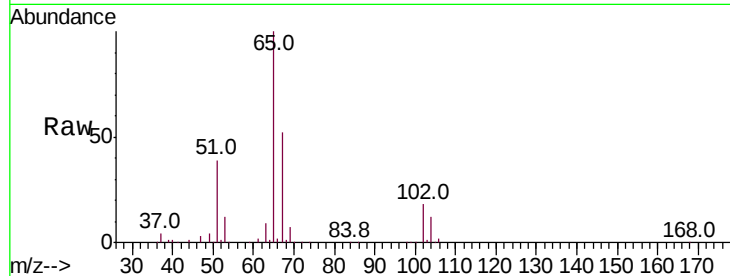




#33
 1,2-Dichloroethane-d4
 Concen: 52.695 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054740.D
 Acq: 28 Mar 2019 13:21

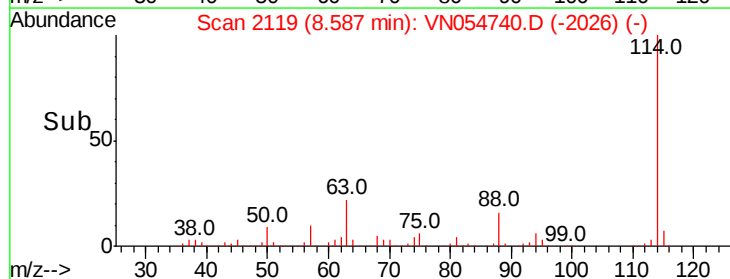
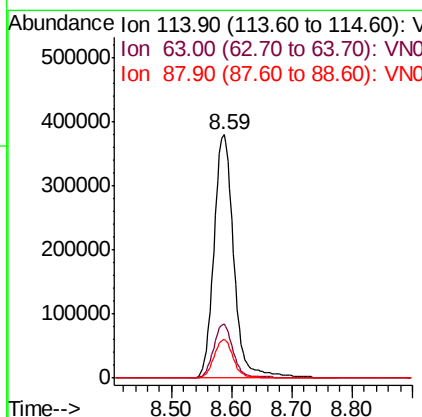
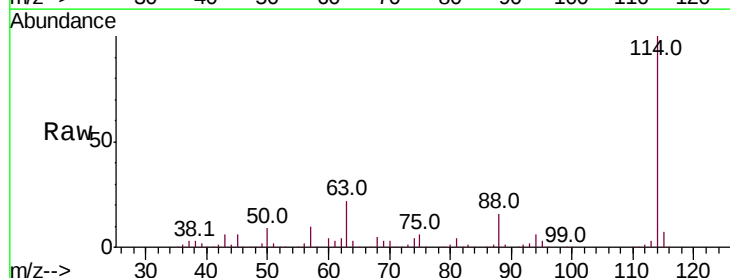
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8

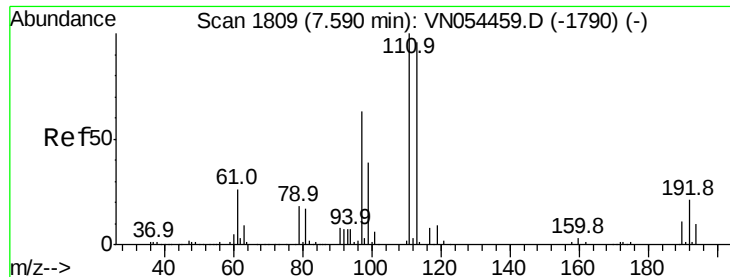
Tot Ion: 65 Resp: 340528
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054740.D
 Acq: 28 Mar 2019 13:21

Tgt Ion: 114 Resp: 855940
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 16.0 0.0 30.2

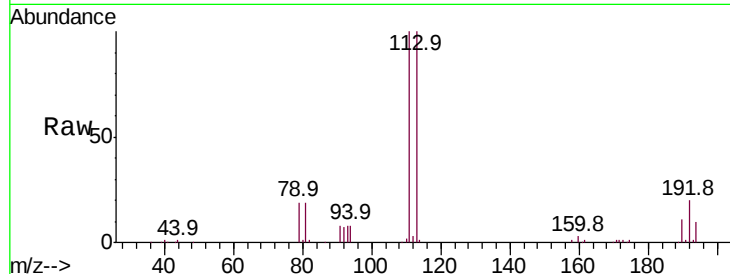




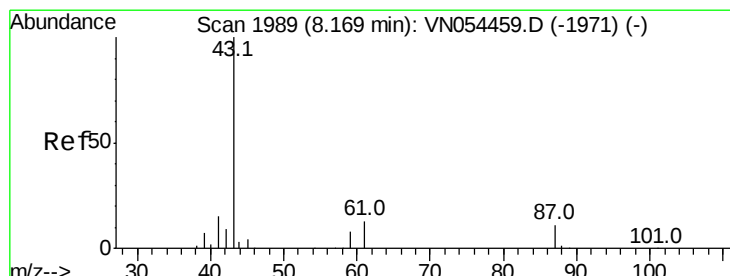
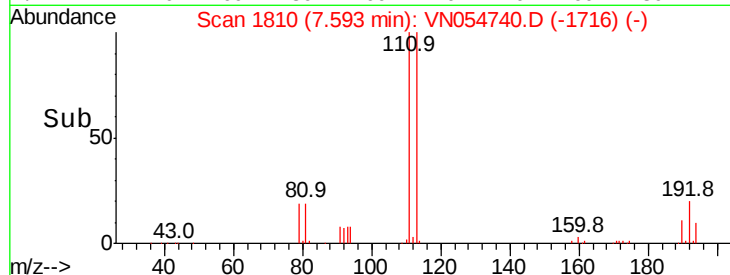
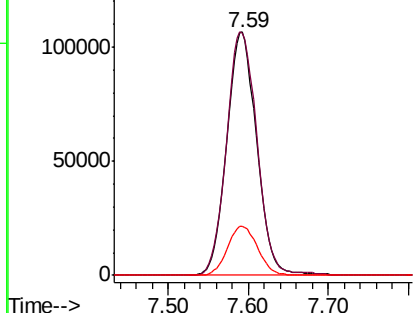
#35
 Dibromofluoromethane
 Concen: 49.121 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054740.D
 Acq: 28 Mar 2019 13:21

Instrument :
 MSVOA_N
 ClientSampled :
 TP-8

Tot Ion:113 Resp: 270871
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 20.4 19.2 28.8

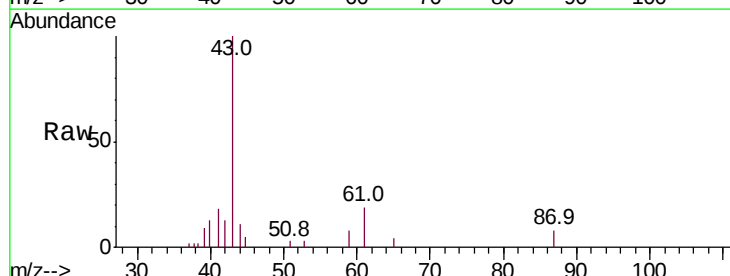


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

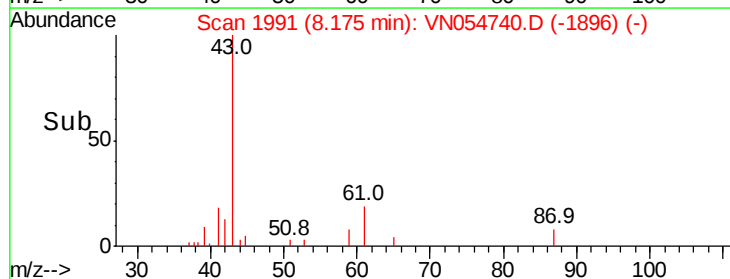
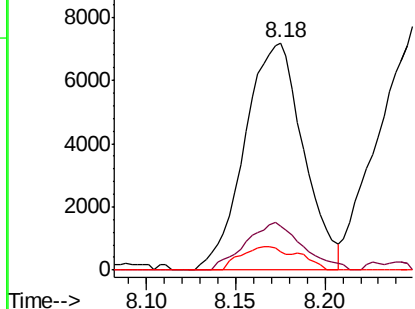


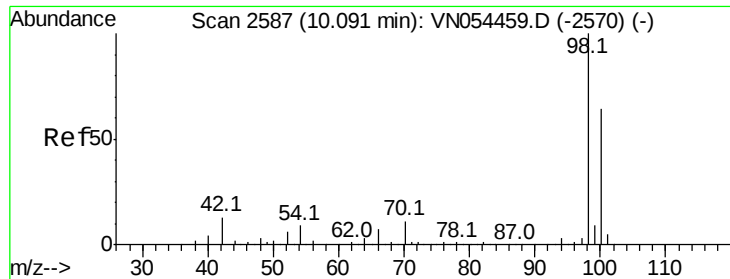
#43
 Isopropyl Acetate
 Concen: 1.713 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN054740.D
 Acq: 28 Mar 2019 13:21

Tgt Ion: 43 Resp: 16466
 Ion Ratio Lower Upper
 43 100
 61 20.3 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: 49.634 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054740.D

Acq: 28 Mar 2019 13:21

Instrument :

MSVOA_N

ClientSampled :

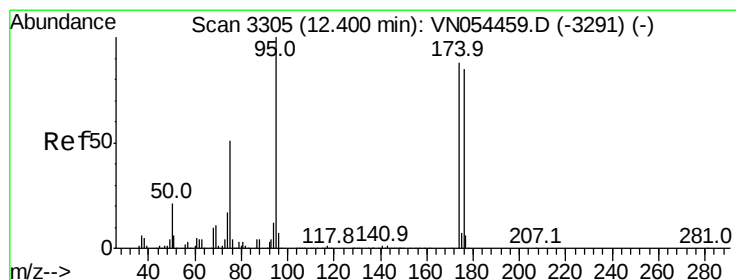
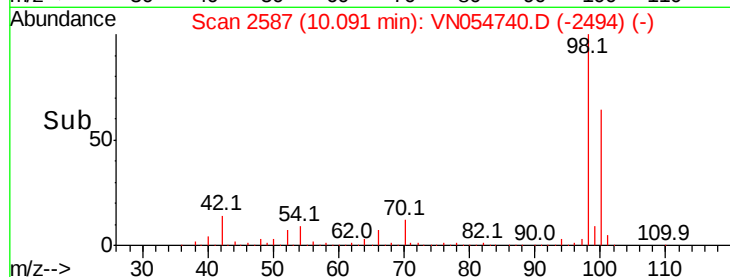
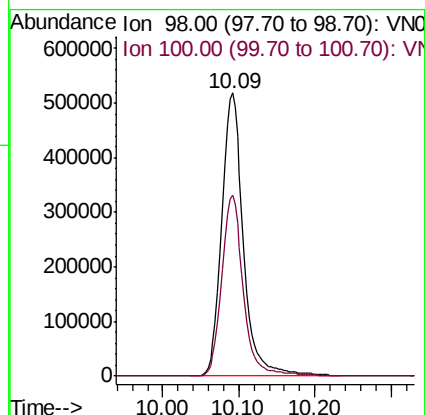
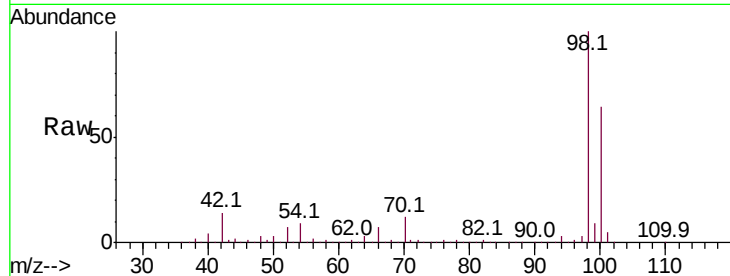
TP-8

Tot Ion: 98 Resp: 1028957

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.386 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054740.D

Acq: 28 Mar 2019 13:21

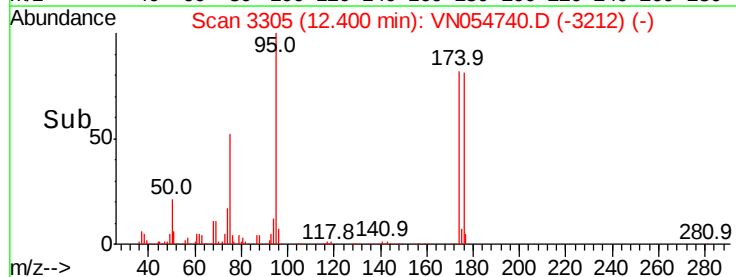
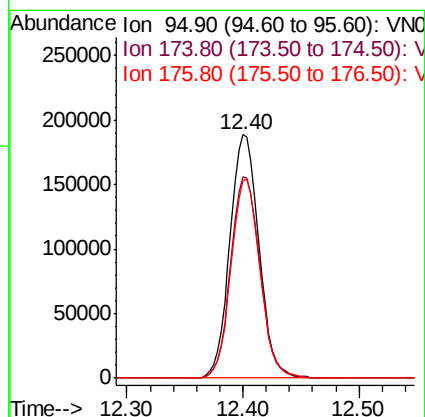
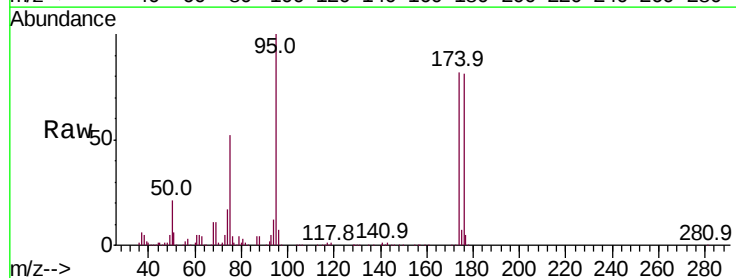
Tgt Ion: 95 Resp: 327223

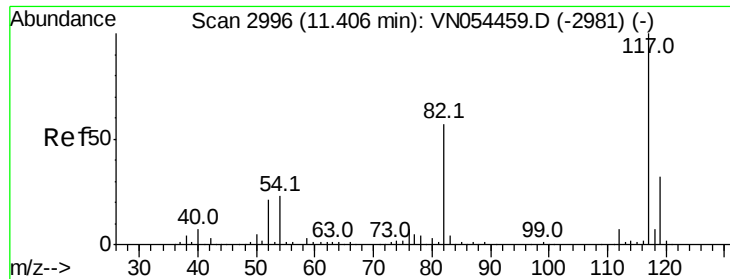
Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

176 81.3 0.0 187.4

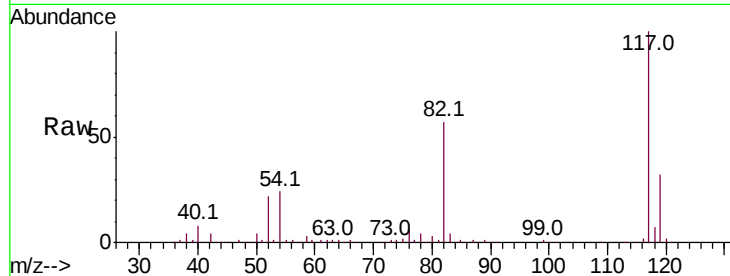




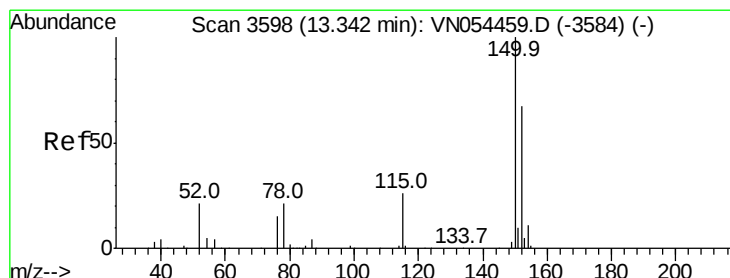
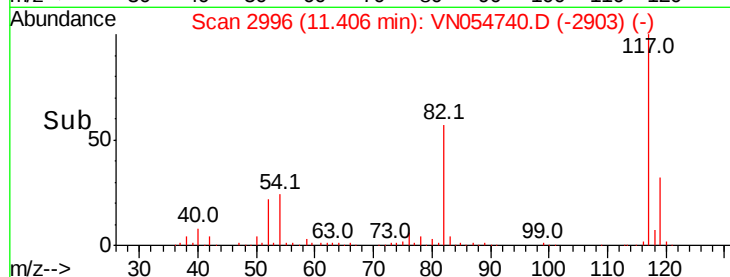
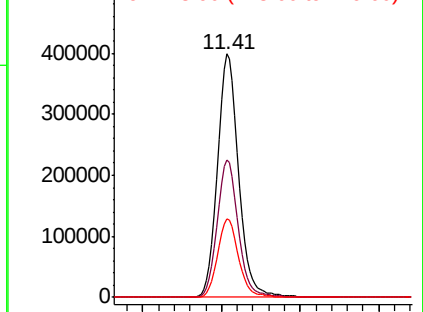
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054740.D
Acq: 28 Mar 2019 13:21

Instrument :
MSVOA_N
ClientSampled :
TP-8

Tot Ion:117 Resp: 737379
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 32.3 25.8 38.6

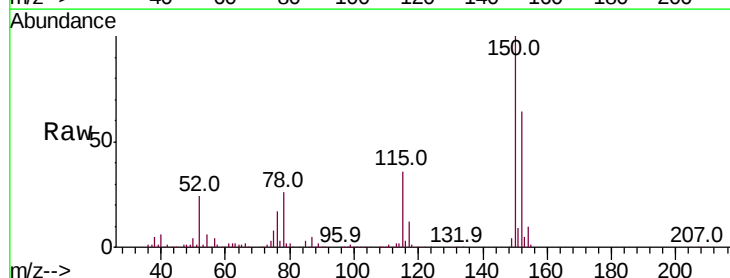


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

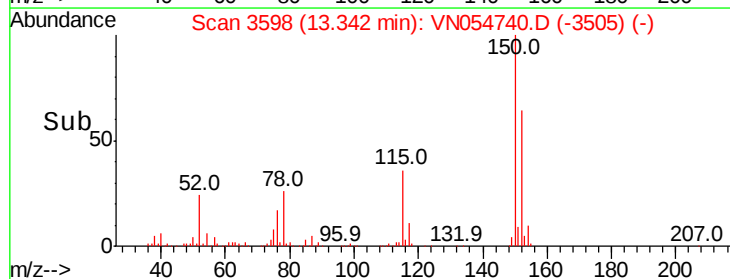
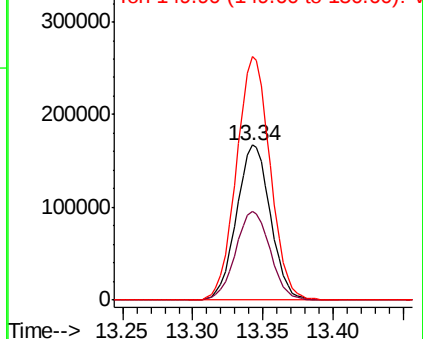


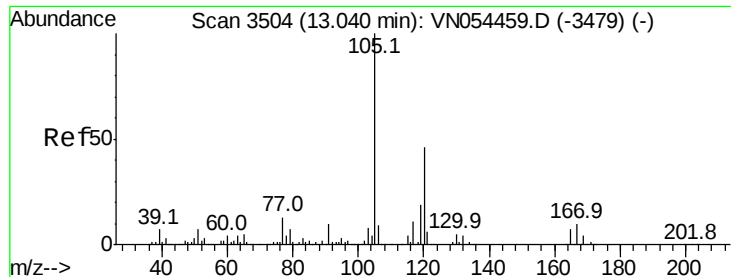
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054740.D
Acq: 28 Mar 2019 13:21

Tgt Ion:152 Resp: 282120
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 156.2 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





#84

1,2,4-Trimethylbenzene

Concen: 1.020 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054740.D

Acq: 28 Mar 2019 13:21

Instrument :

MSVOA_N

ClientSampled :

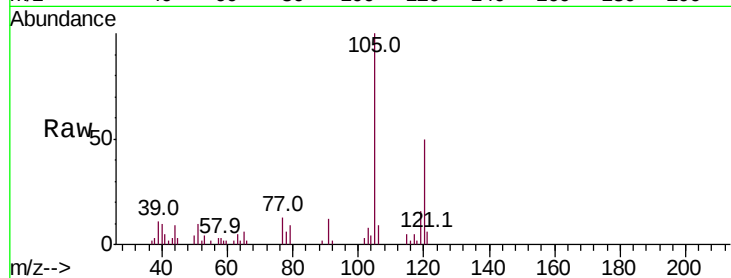
TP-8

Tot Ion:105 Resp: 18651

Ion Ratio Lower Upper

105 100

120 49.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

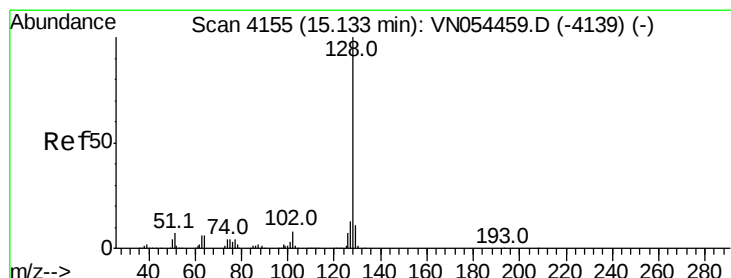
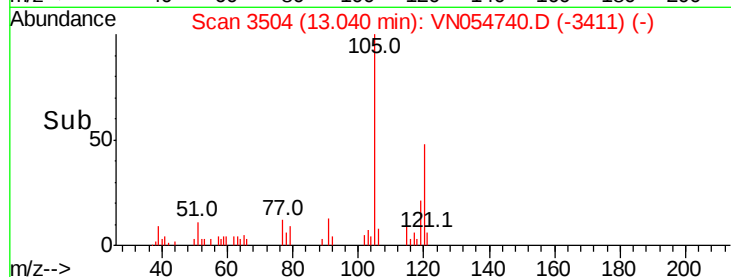
4000

2000

0

13.00 13.05 13.10

Time-->



#95

Naphthalene

Concen: 1.864 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054740.D

Acq: 28 Mar 2019 13:21

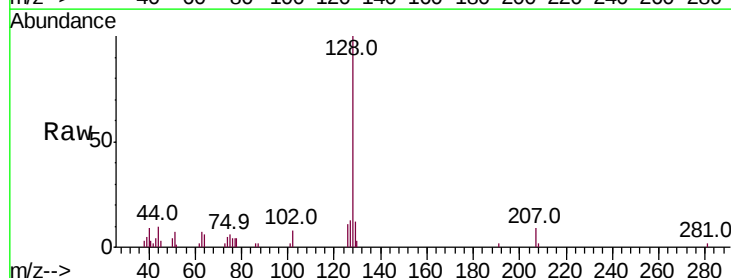
Tgt Ion:128 Resp: 18761

Ion Ratio Lower Upper

128 100

127 14.0 10.1 15.1

129 12.7 8.7 13.1



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

10000

5000

0

15.10 15.15

Time-->

