

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054532.D
 Acq On : 22 Mar 2019 1:48
 Operator : JC/SP
 Sample : PB118113TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118113TB

Quant Time: Mar 22 10:40:06 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

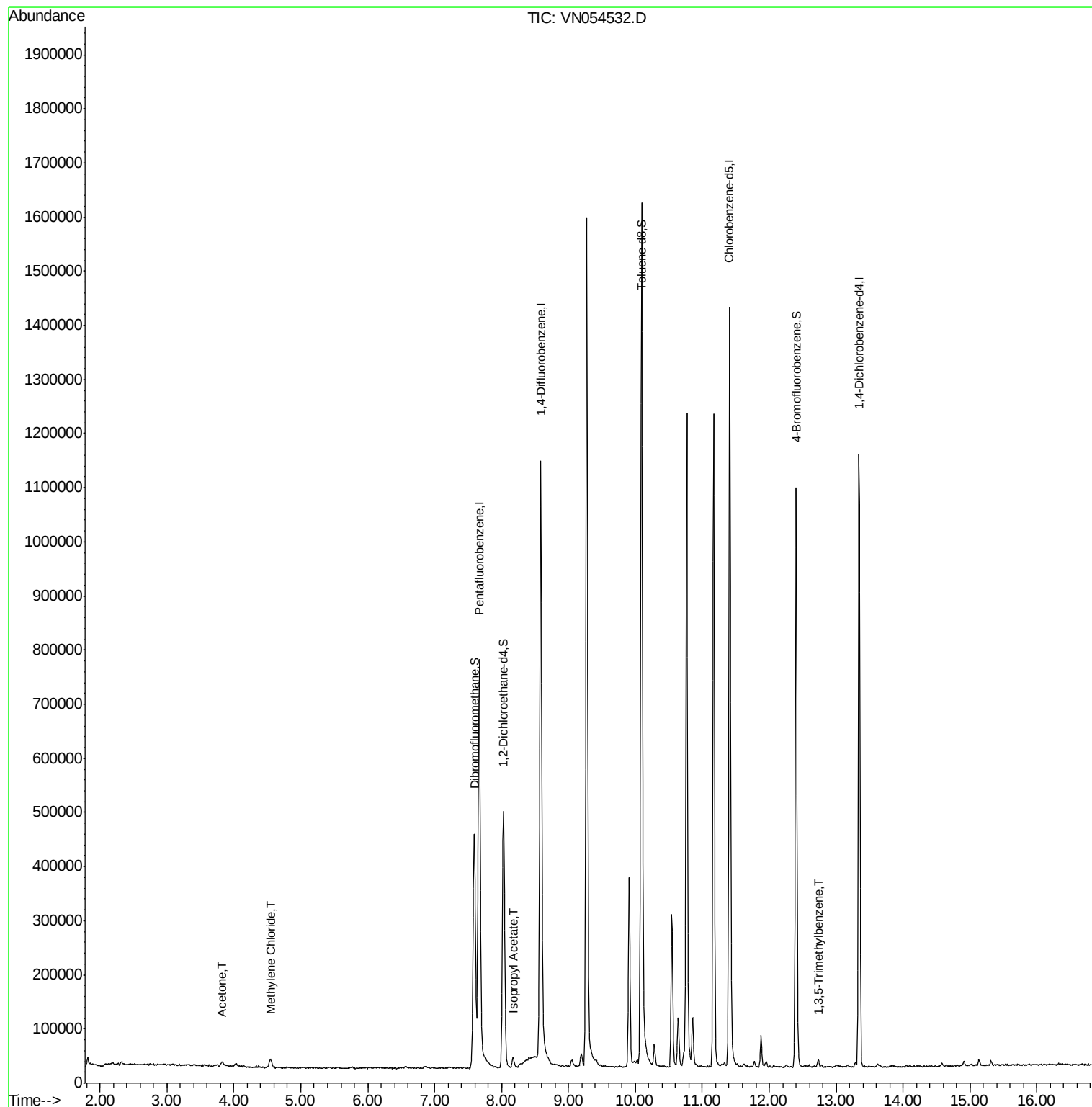
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1026521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	842966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414300	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
35) Dibromofluoromethane	7.59	113	324442	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	10.09	98	1210826	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.40	95	367197	43.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.80%	
Target Compounds						
16) Acetone	3.82	43	12235	5.062	ug/l	94
20) Methylene Chloride	4.55	84	10931	1.534	ug/l #	84
43) Isopropyl Acetate	8.17	43	21936	1.903	ug/l #	95
80) 1,3,5-Trimethylbenzene	12.73	105	6955	0.339	ug/l	92

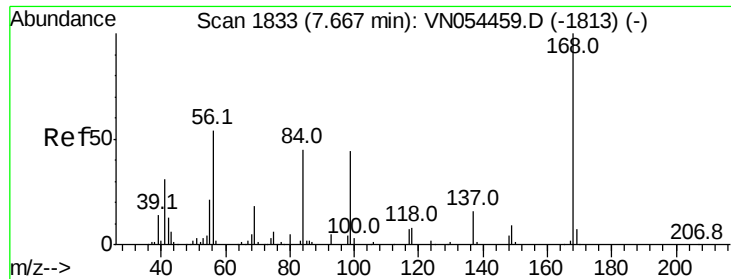
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
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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: VN054532.D

Acq: 22 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

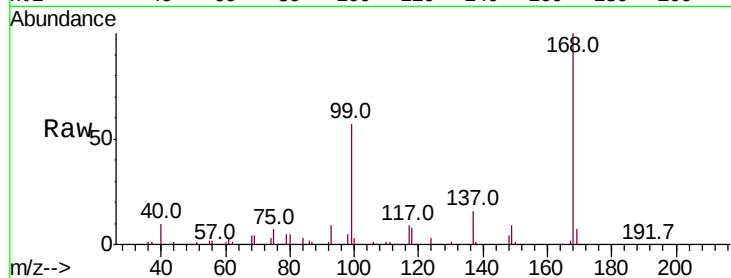
PB118113TB

Tot Ion:168 Resp: 646274

Ion Ratio Lower Upper

168 100

99 56.6 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

100000

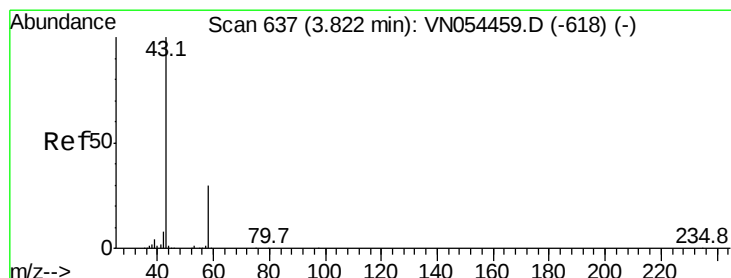
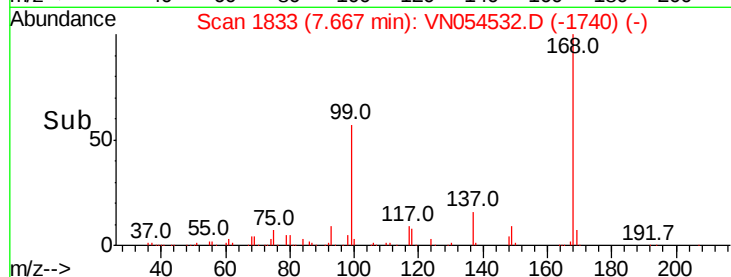
50000

0

Time-->

7.60

7.70



#16

Acetone

Concen: 5.062 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054532.D

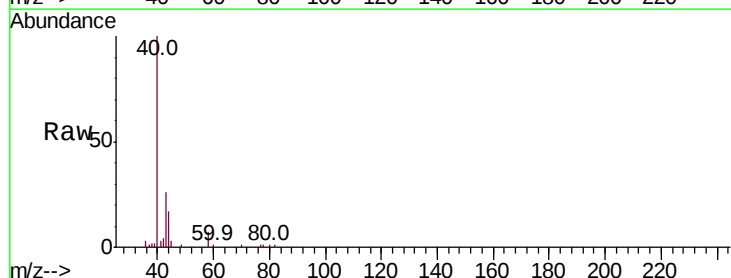
Acq: 22 Mar 2019 1:48

Tgt Ion: 43 Resp: 12235

Ion Ratio Lower Upper

43 100

58 33.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

6000

4000

2000

0

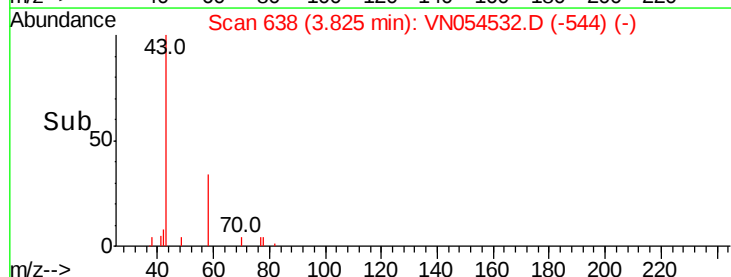
Time-->

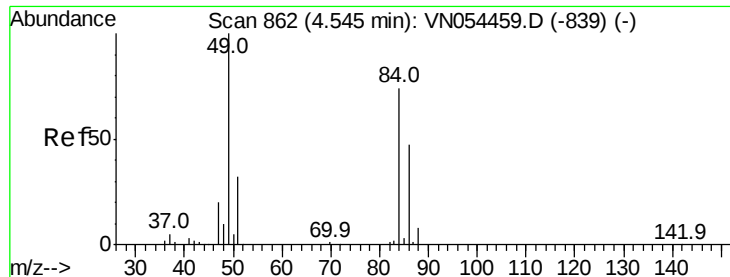
3.75

3.80

3.85

3.90

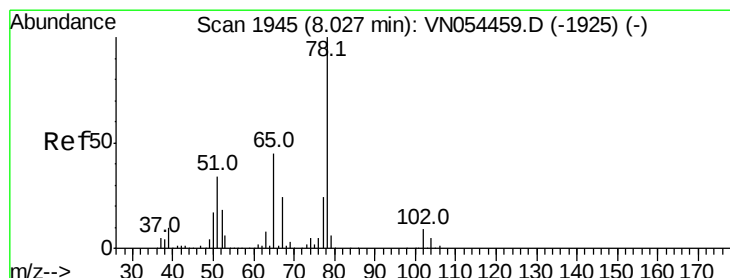
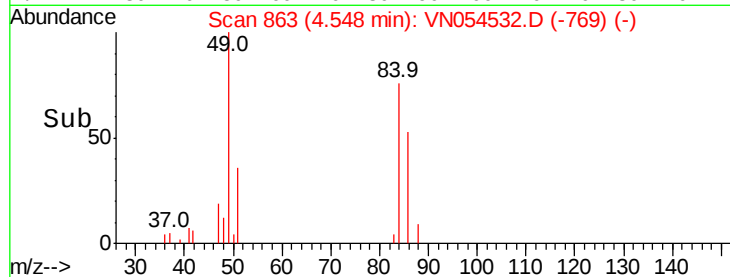
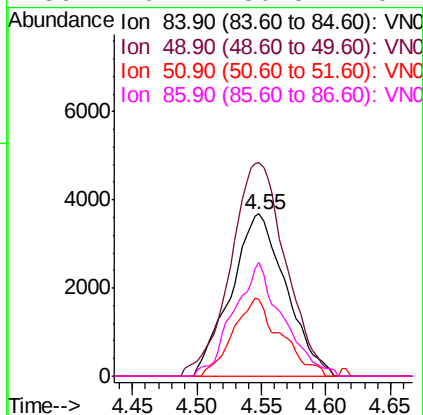
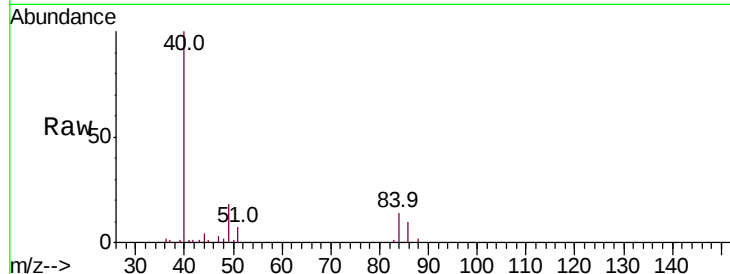




#20
Methvlene Chloride
Concen: 1.534 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054532.D
Acq: 22 Mar 2019 1:48

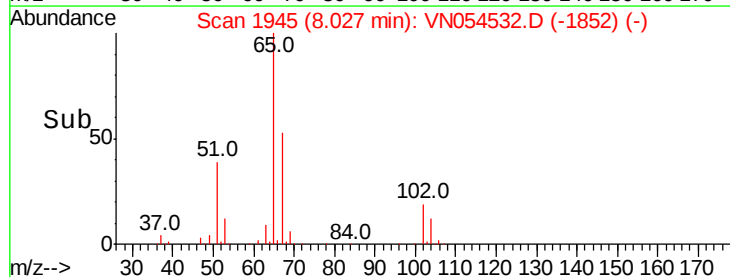
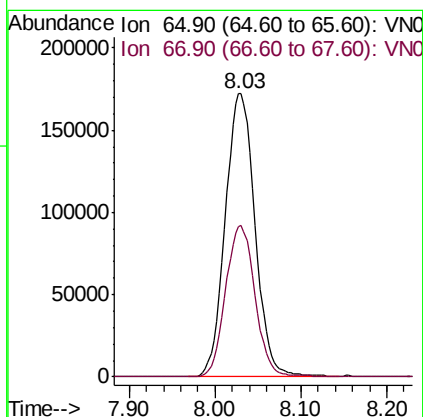
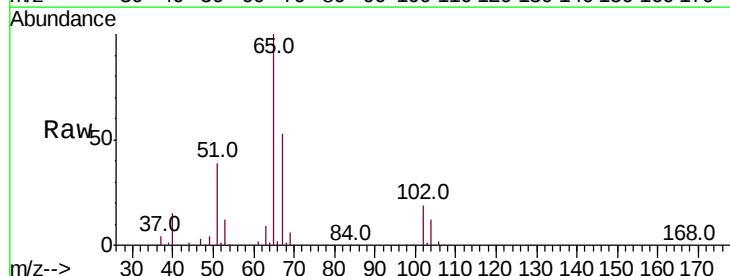
Instrument :
MSVOA_N
ClientSampleId :
PB118113TB

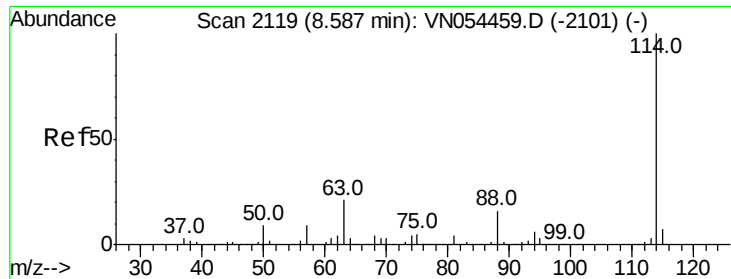
Tot Ion: 84 Resp: 10931
Ion Ratio Lower Upper
84 100
49 131.9 89.7 134.5
51 47.7 28.2 42.4#
86 70.1 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.539 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054532.D
Acq: 22 Mar 2019 1:48

Tgt Ion: 65 Resp: 414300
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6

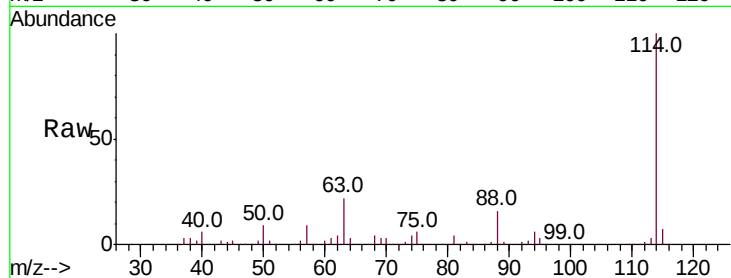




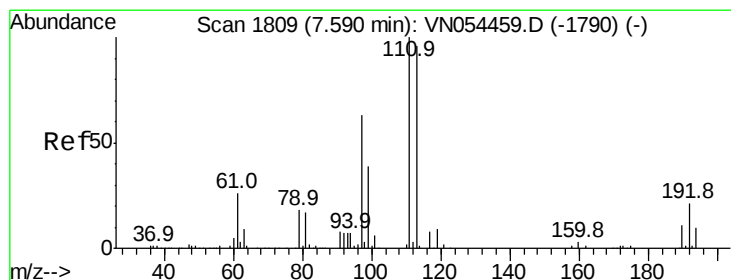
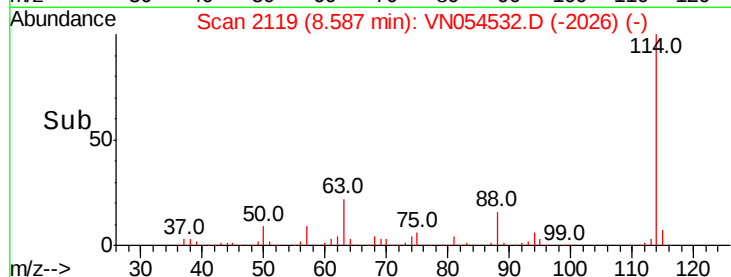
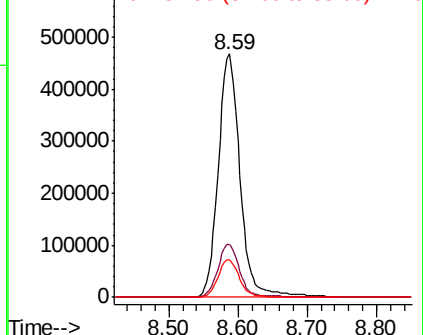
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054532.D
 Acq: 22 Mar 2019 1:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118113TB

Tot Ion:114 Resp: 1026521
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 15.5 0.0 30.2

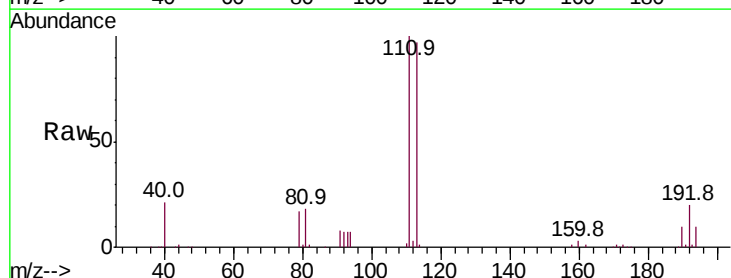


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

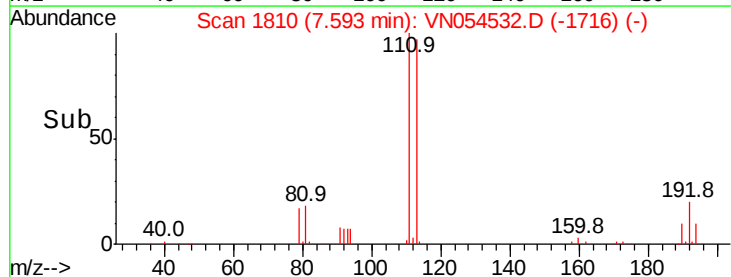
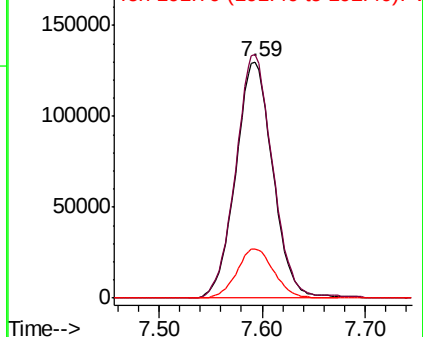


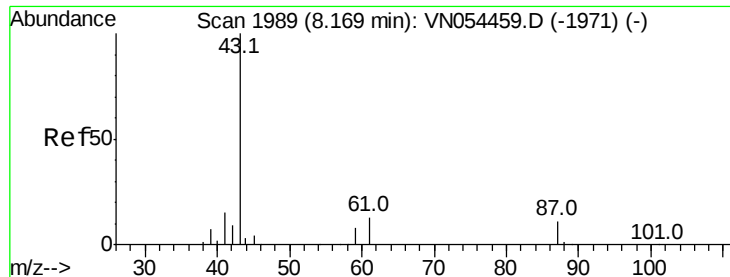
#35
 Dibromofluoromethane
 Concen: 49.059 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054532.D
 Acq: 22 Mar 2019 1:48

Tgt Ion:113 Resp: 324442
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 20.9 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: 1.903 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054532.D

Acq: 22 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB118113TB

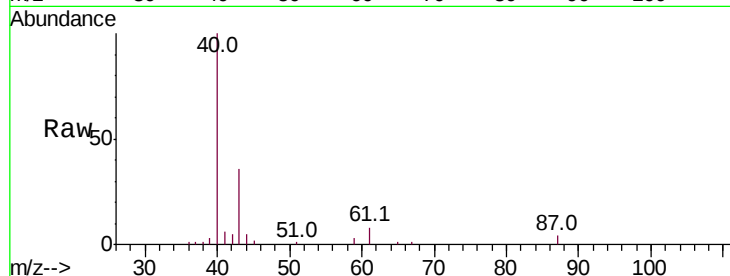
Tot Ion: 43 Resp: 21936

Ion Ratio Lower Upper

43 100

61 19.5 15.8 23.8

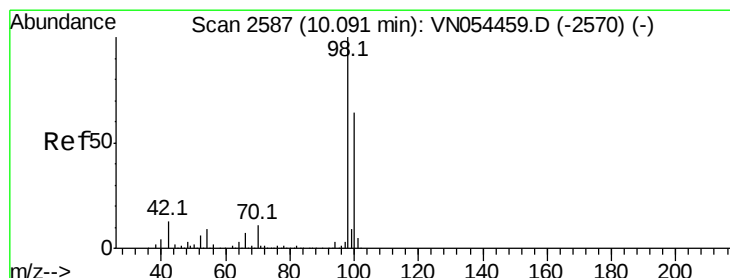
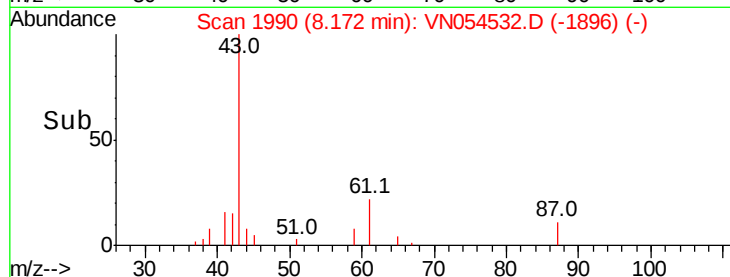
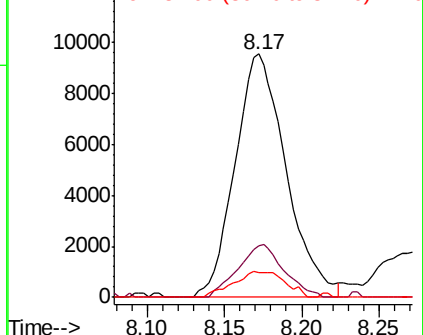
87 10.6 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#50

Toluene-d8

Concen: 48.702 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054532.D

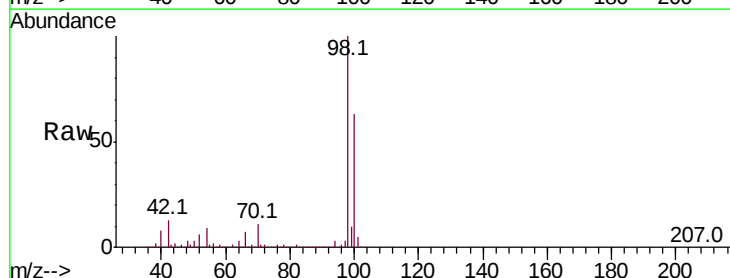
Acq: 22 Mar 2019 1:48

Tgt Ion: 98 Resp: 1210826

Ion Ratio Lower Upper

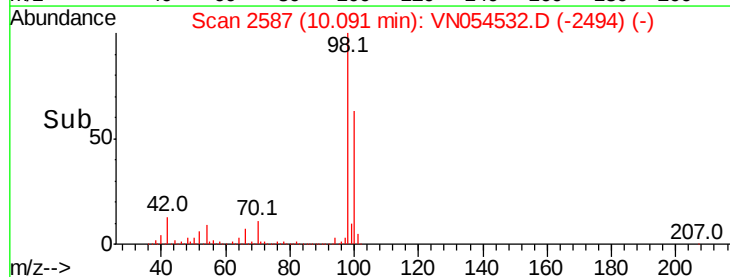
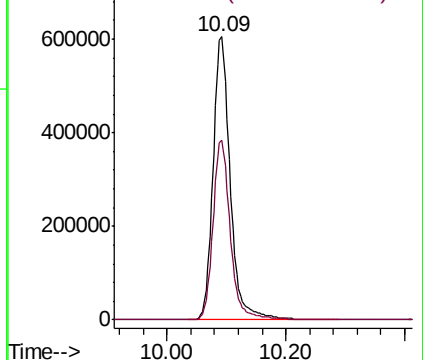
98 100

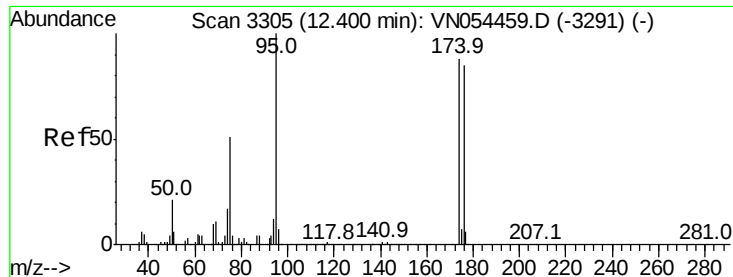
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

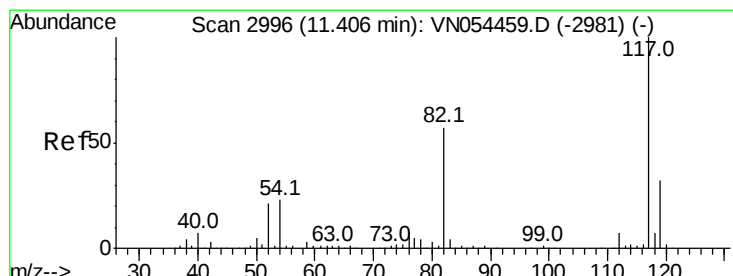
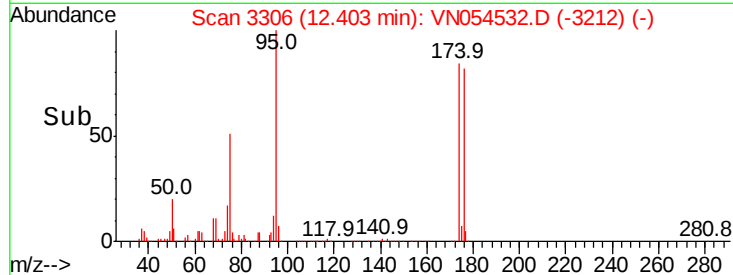
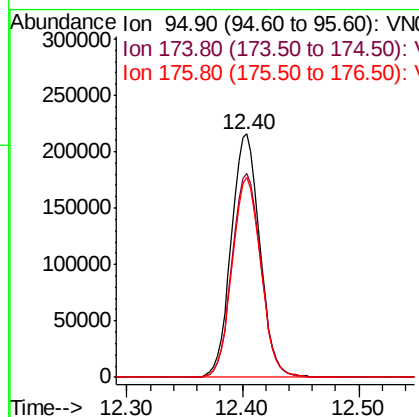
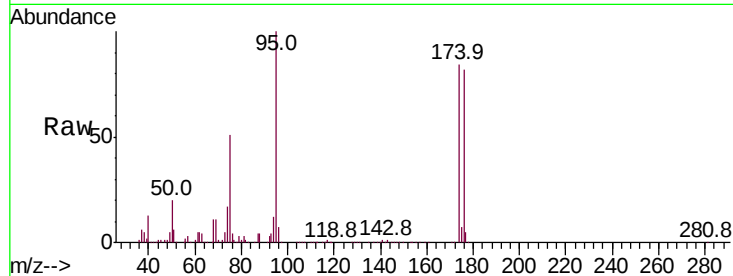




#62
4-Bromofluorobenzene
Concen: 43.403 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054532.D
Acq: 22 Mar 2019 1:48

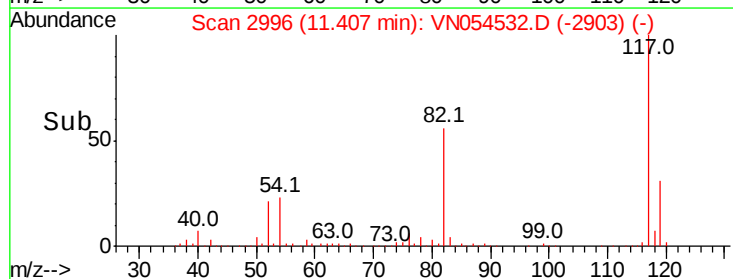
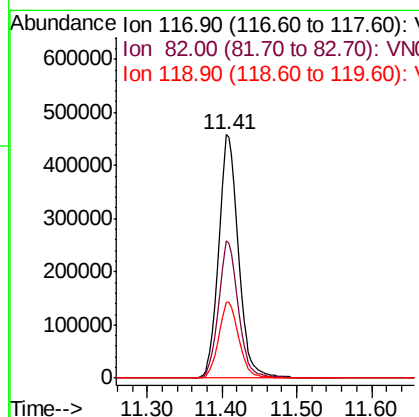
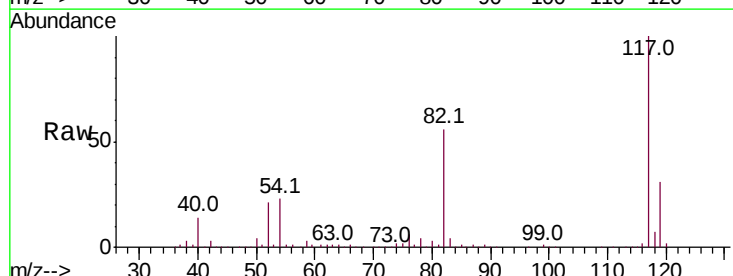
Instrument :
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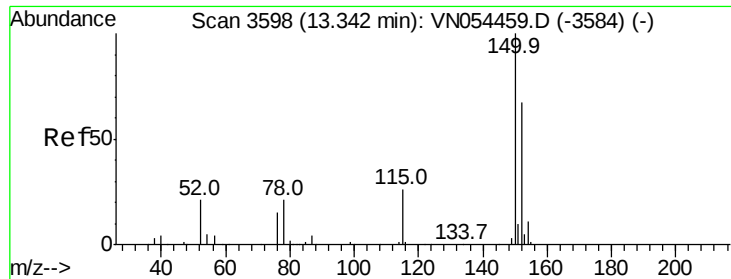
Tot Ion: 95 Resp: 367197
Ion Ratio Lower Upper
95 100
174 84.8 0.0 191.0
176 82.5 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054532.D
Acq: 22 Mar 2019 1:48

Tgt Ion: 117 Resp: 842966
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 31.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054532.D

Acq: 22 Mar 2019 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB118113TB

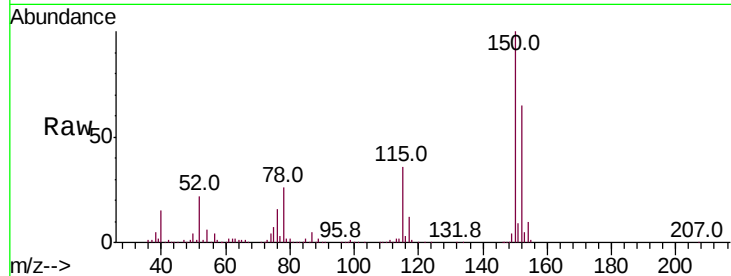
Tot Ion:152 Resp: 310323

Ion Ratio Lower Upper

152 100

115 56.5 27.2 81.6

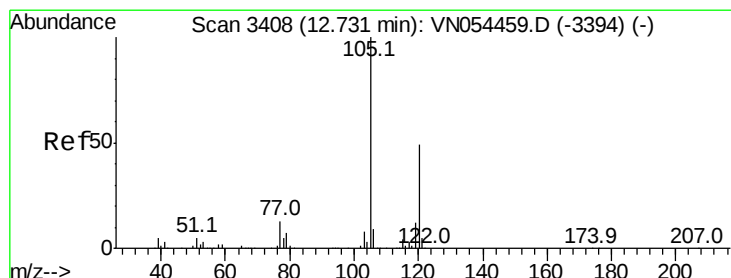
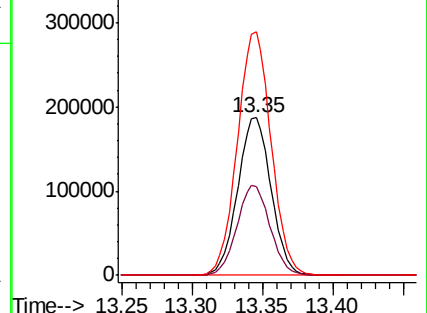
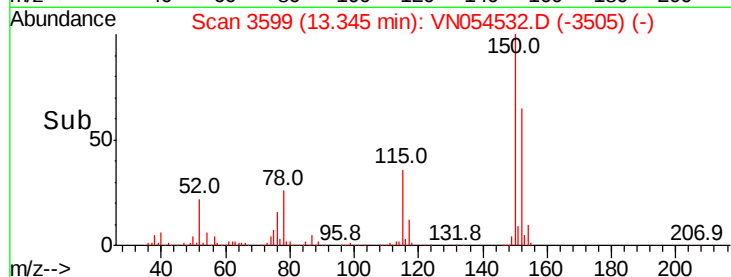
150 156.3 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.339 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054532.D

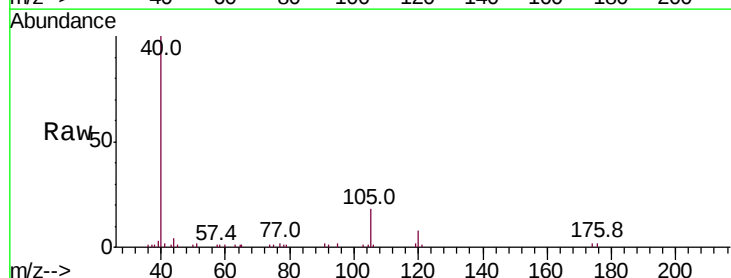
Acq: 22 Mar 2019 1:48

Tgt Ion:105 Resp: 6955

Ion Ratio Lower Upper

105 100

120 44.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

