

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054367.D
 Acq On : 17 Mar 2019 6:00
 Operator : JC/SP
 Sample : K1958-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 18 08:30:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

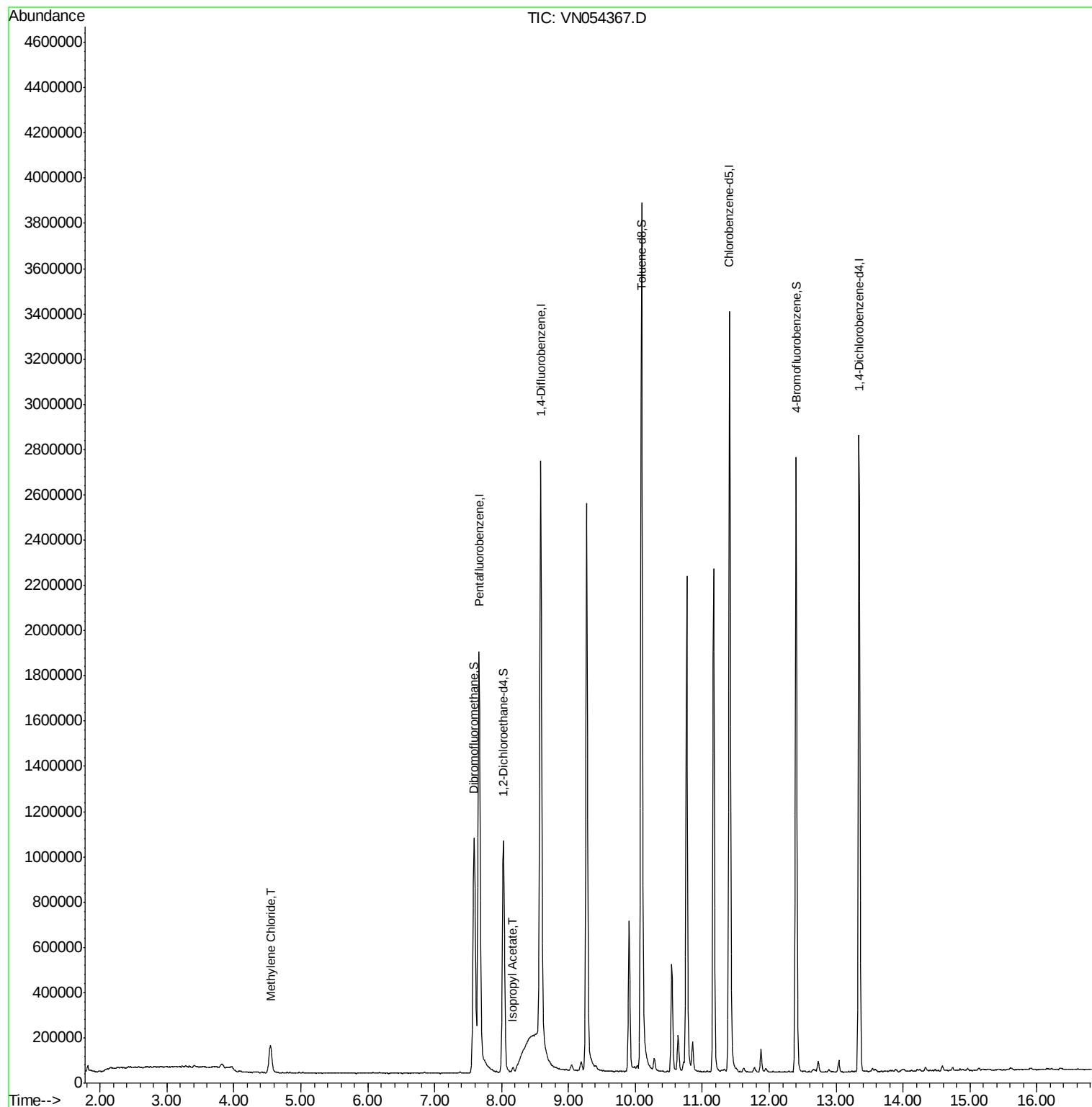
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1819485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2646319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2238771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	834795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	897850	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	7.59	113	792934	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	10.09	98	3050900	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	912099	41.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.70%	
Target Compounds						
20) Methylene Chloride	4.54	84	97104	5.345	ug/l	96
43) Isopropyl Acetate	8.17	43	25899	1.054	ug/l	95

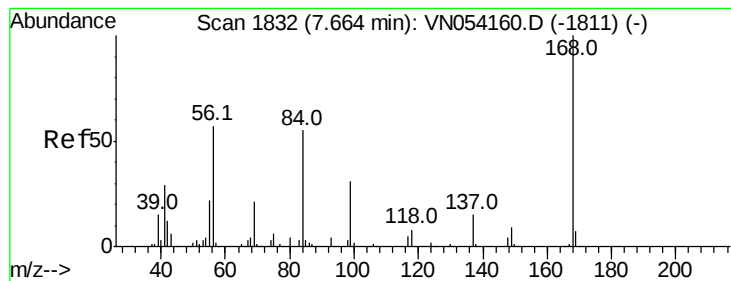
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

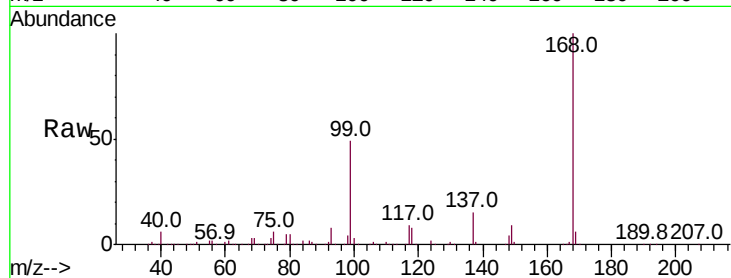
TP-1

Tot Ion:168 Resp: 1819485

Ion Ratio Lower Upper

168 100

99 48.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054160.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN054160.D (-1811) (-)

7.66

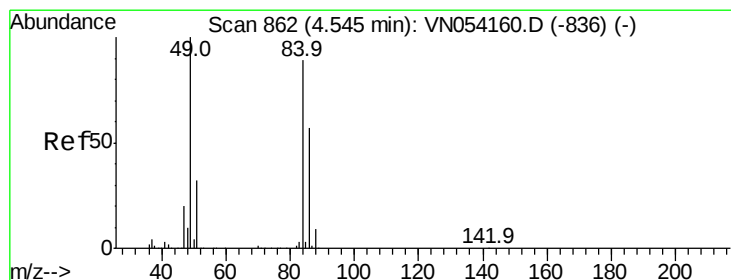
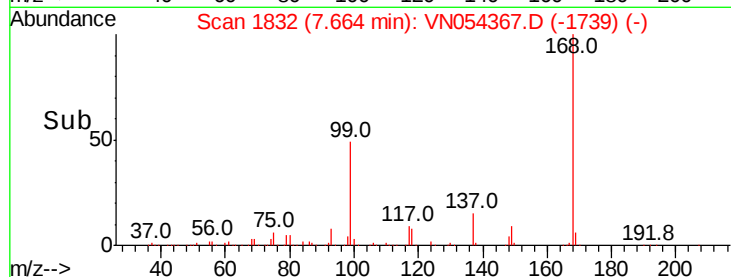
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 5.345 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Tgt Ion: 84 Resp: 97104

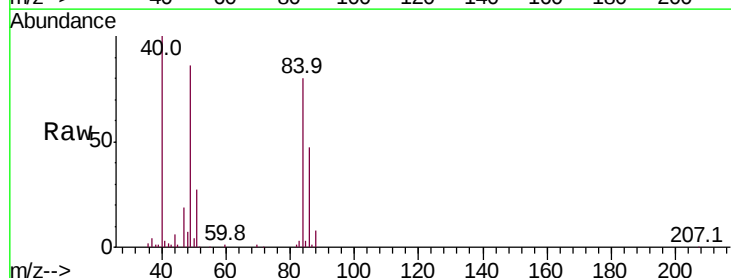
Ion Ratio Lower Upper

84 100

49 107.7 89.7 134.5

51 33.7 28.2 42.4

86 59.3 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN054160.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN054160.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN054160.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN054160.D (-836) (-)

4.54

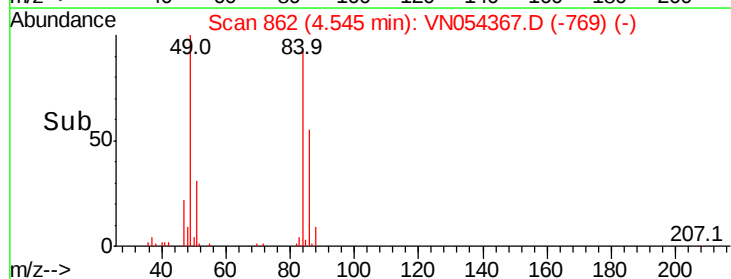
30000

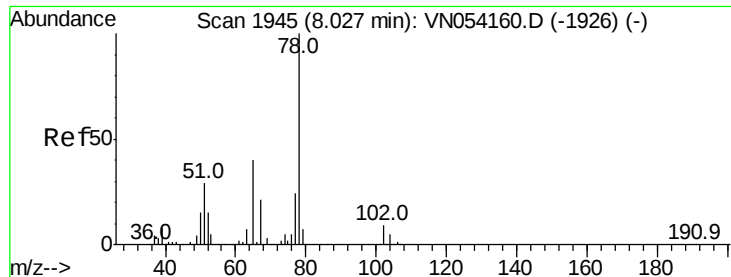
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.465 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

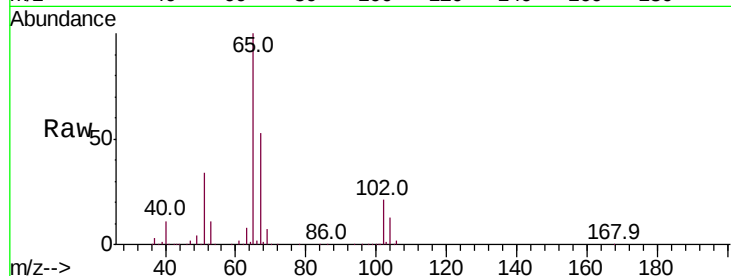
TP-1

Tot Ion: 65 Resp: 897850

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

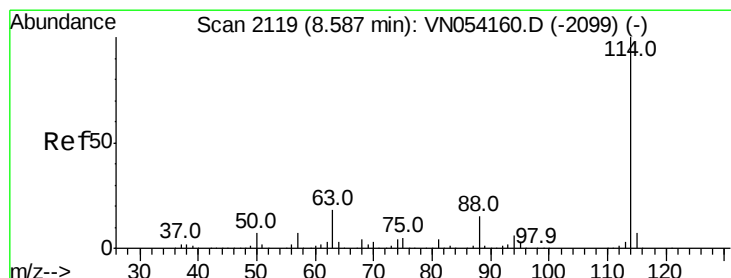
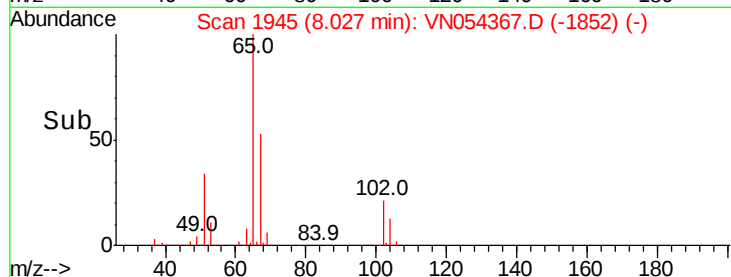
300000

200000

100000

0

Time--> 7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

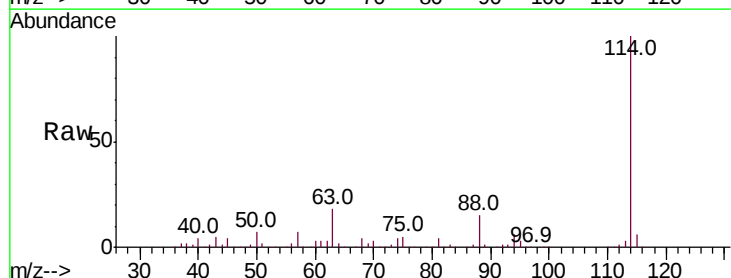
Tgt Ion: 114 Resp: 2646319

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

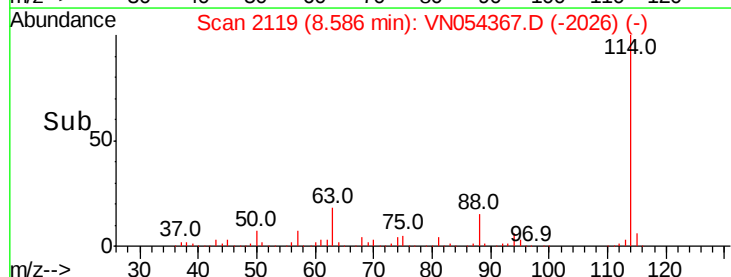
1500000

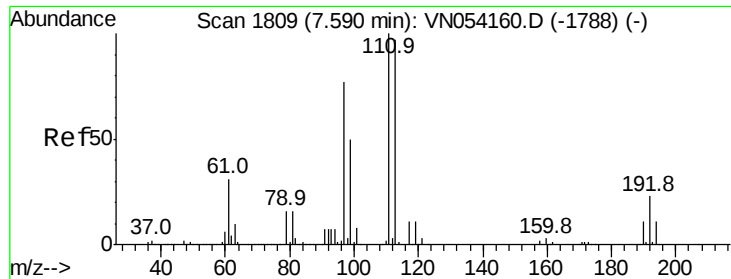
1000000

500000

0

Time--> 8.40 8.60 8.80

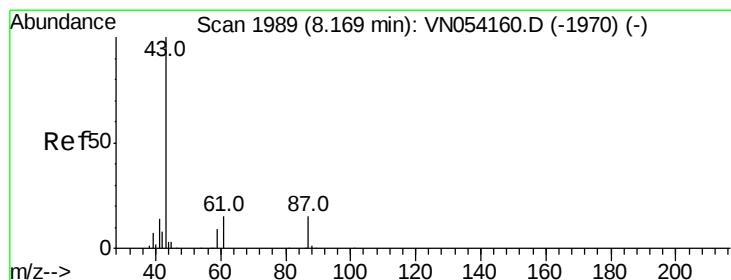
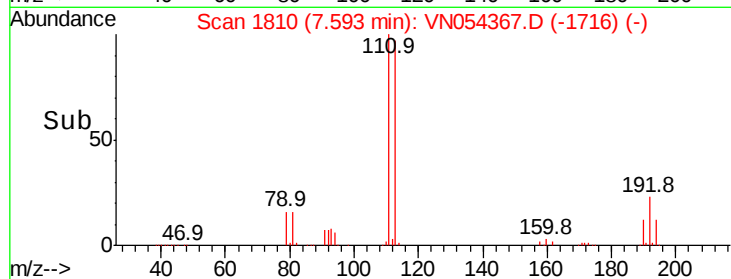
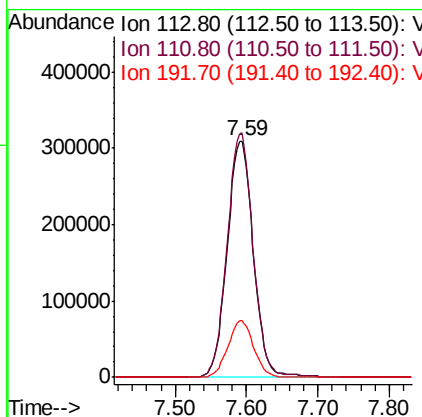
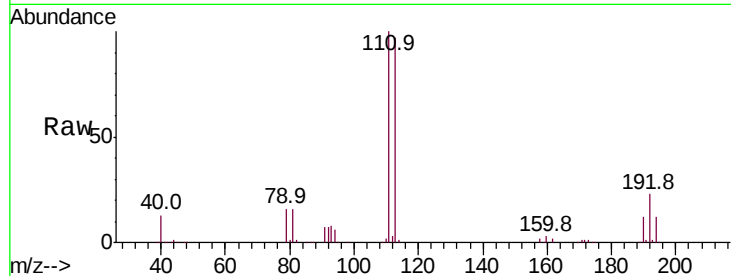




#35
 Dibromofluoromethane
 Concen: 46.458 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054367.D
 Acq: 17 Mar 2019 6:00

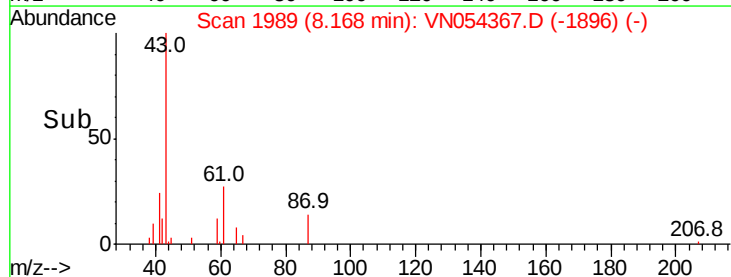
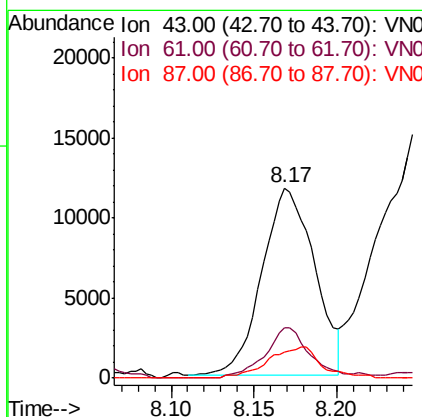
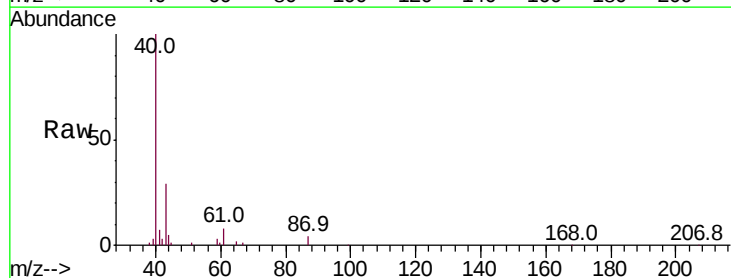
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

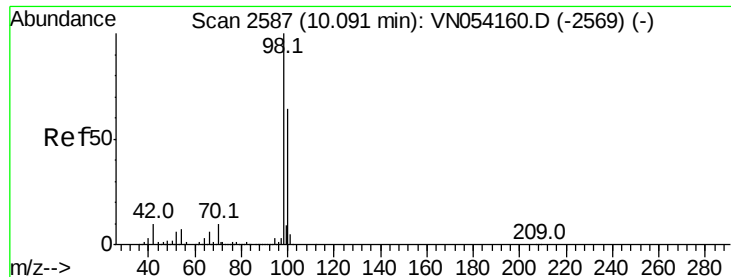
Tot Ion:113 Resp: 792934
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 23.6 19.2 28.8



#43
 Isopropyl Acetate
 Concen: 1.054 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN054367.D
 Acq: 17 Mar 2019 6:00

Tgt Ion: 43 Resp: 25899
 Ion Ratio Lower Upper
 43 100
 61 22.6 15.8 23.8
 87 16.8 12.0 18.0





#50

Toluene-d8

Concen: 48.401 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

Instrument :

MSVOA_N

ClientSampleId :

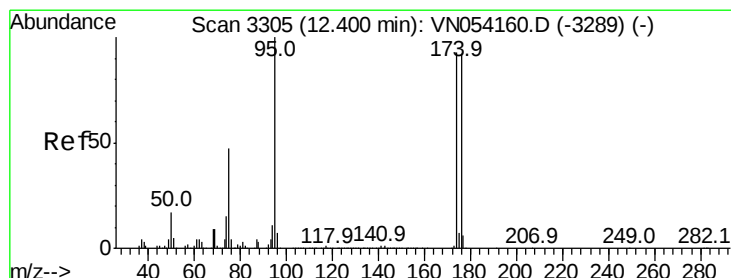
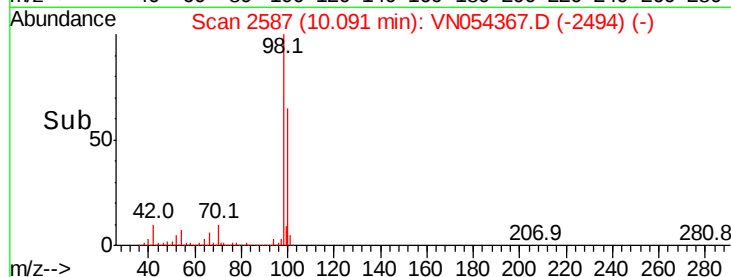
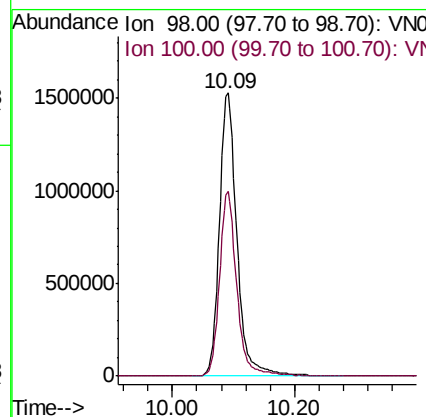
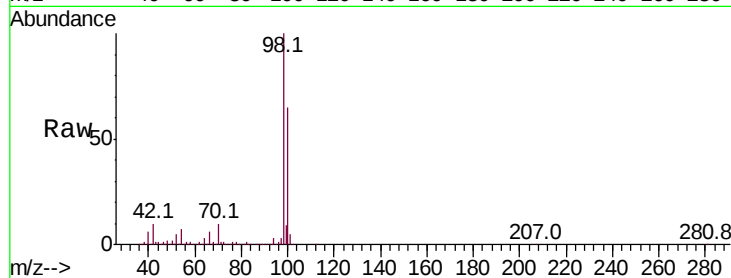
TP-1

Tot Ion: 98 Resp: 3050900

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.355 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054367.D

Acq: 17 Mar 2019 6:00

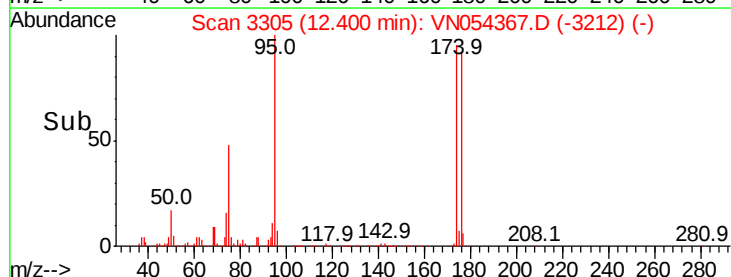
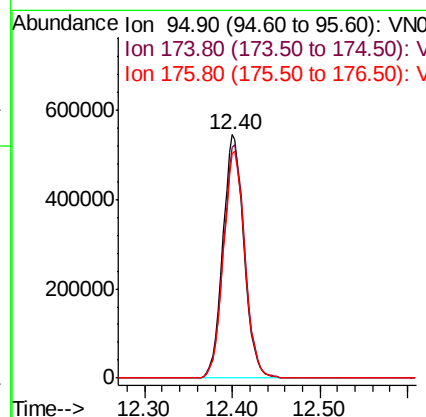
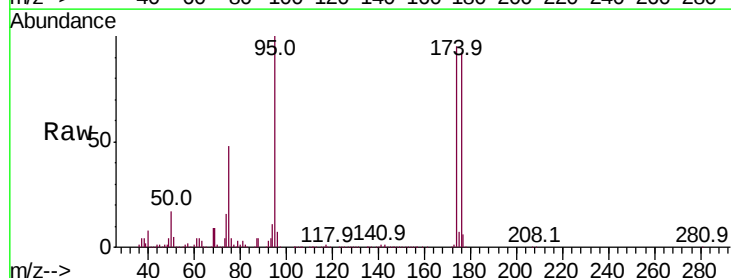
Tgt Ion: 95 Resp: 912099

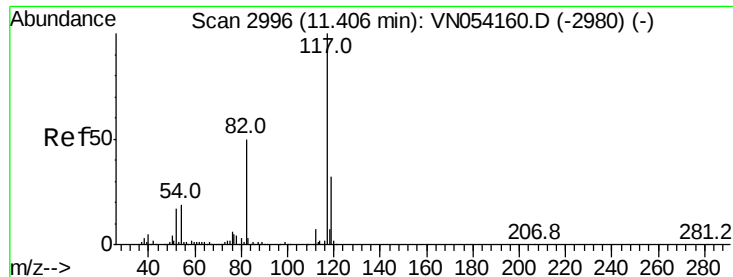
Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

176 94.3 0.0 187.4

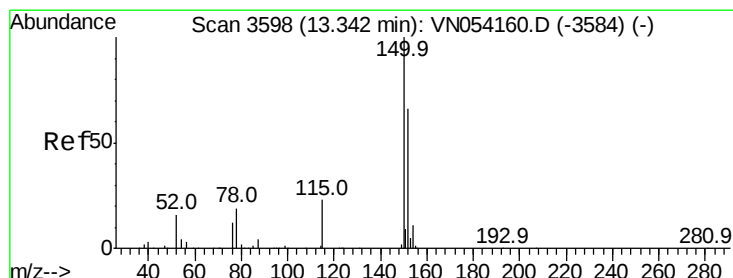
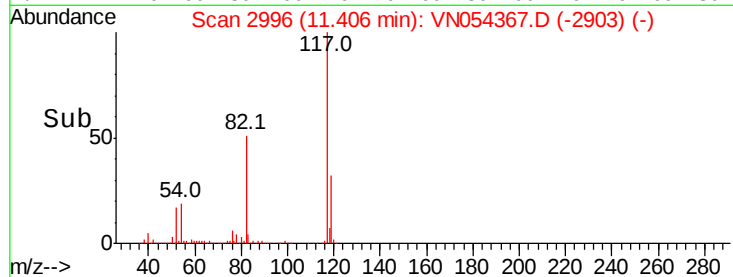
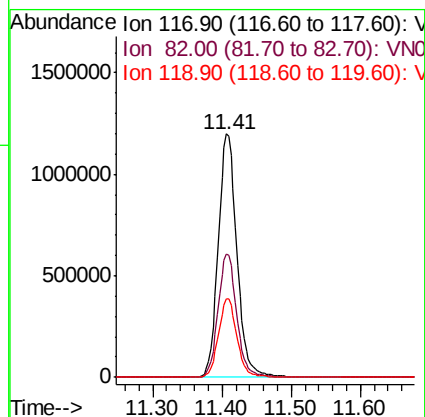
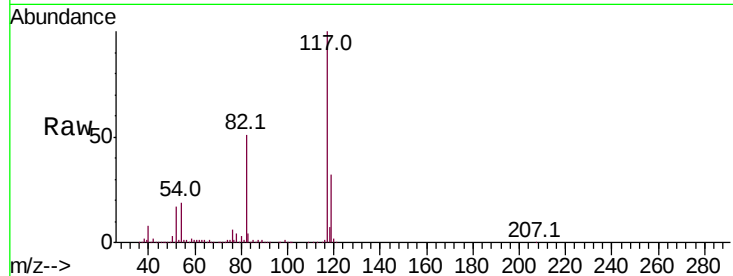




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054367.D
Acq: 17 Mar 2019 6:00

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion:117 Resp: 2238771
Ion Ratio Lower Upper
117 100
82 50.8 40.0 60.0
119 32.1 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: VN054367.D
Acq: 17 Mar 2019 6:00

Tgt Ion:152 Resp: 834795
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 157.0 0.0 349.2

