

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054541.D
 Acq On : 22 Mar 2019 5:56
 Operator : JC/SP
 Sample : K1690-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-032019

Quant Time: Mar 22 11:05:04 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

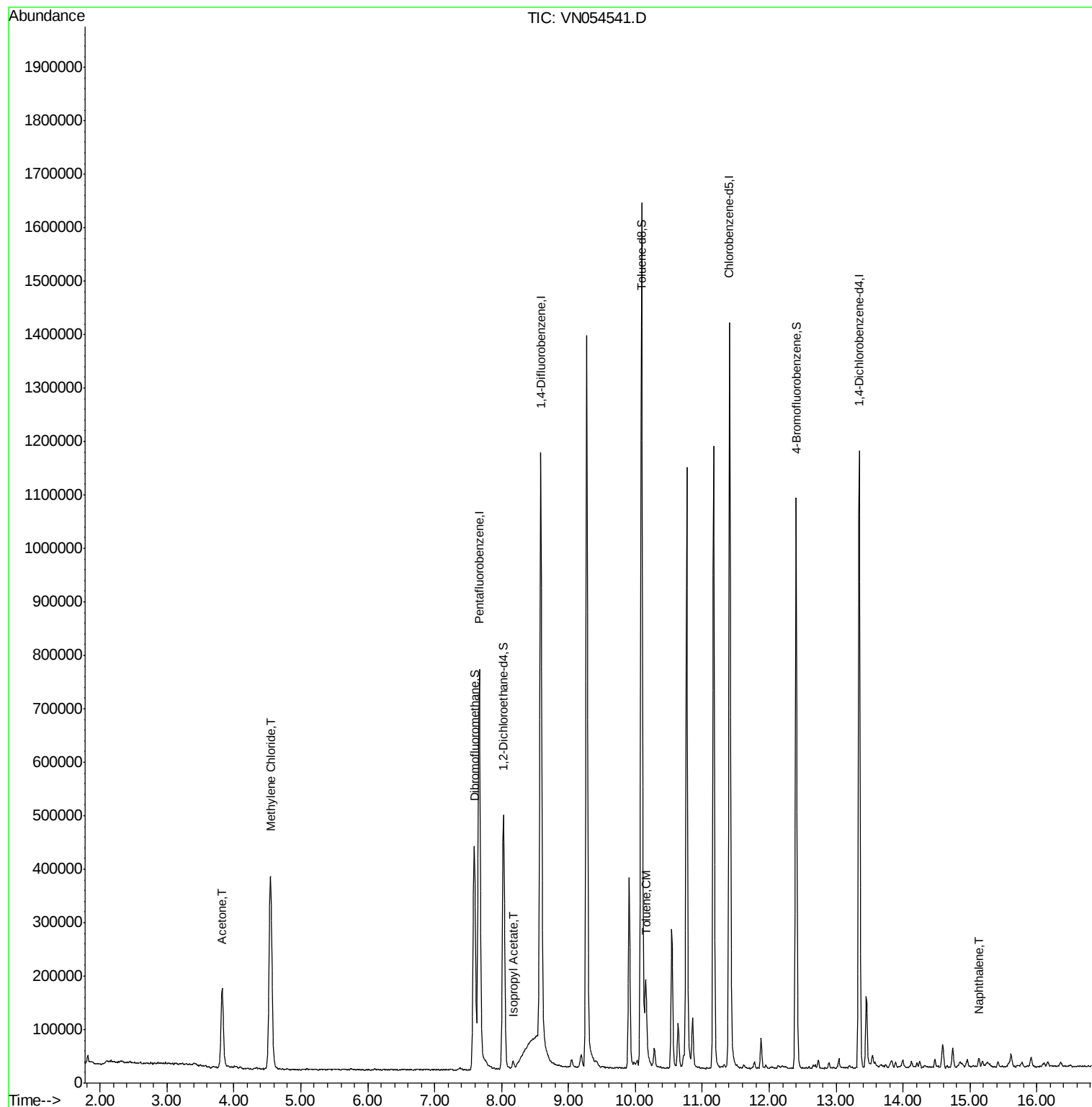
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	414462	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
35) Dibromofluoromethane	7.59	113	316999	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.09	98	1223535	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	370471	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
Target Compounds						
16) Acetone	3.82	43	254216	104.390	ug/l #	82
20) Methylene Chloride	4.55	84	253010	35.245	ug/l #	80
43) Isopropyl Acetate	8.17	43	16355	1.402	ug/l #	94
52) Toluene	10.16	92	57631	3.375	ug/l	94
95) Naphthalene	15.13	128	13737	1.238	ug/l	98

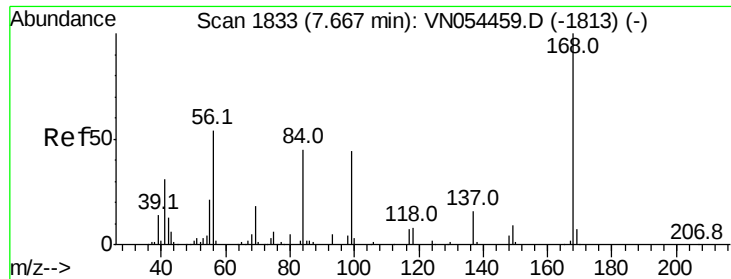
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054541.D

Acq: 22 Mar 2019 5:56

Instrument :

MSVOA_N

ClientSampleId :

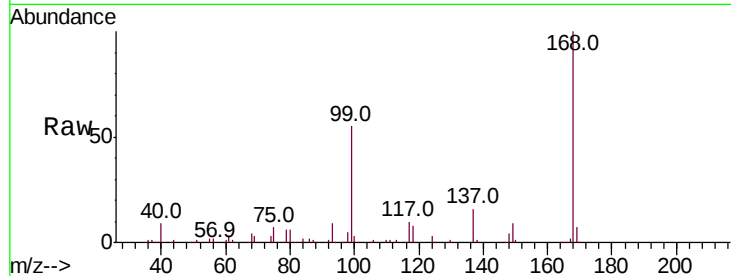
HD-02-032019

Tot Ion:168 Resp: 651205

Ion Ratio Lower Upper

168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

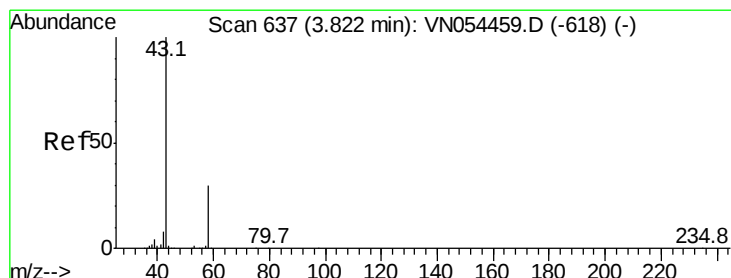
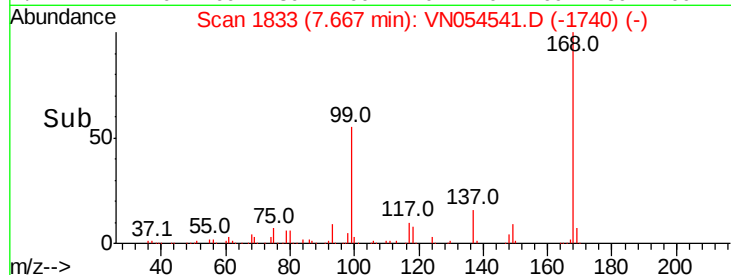
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 104.390 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054541.D

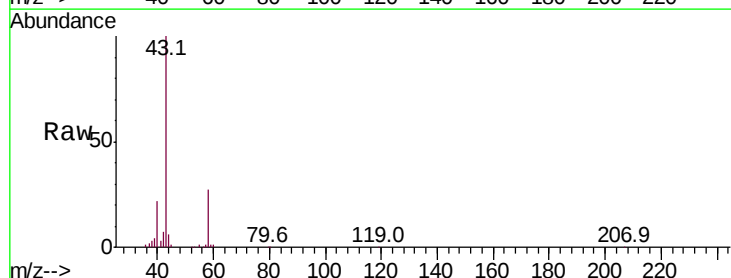
Acq: 22 Mar 2019 5:56

Tgt Ion: 43 Resp: 254216

Ion Ratio Lower Upper

43 100

58 26.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-618) (-)

3.82

100000

80000

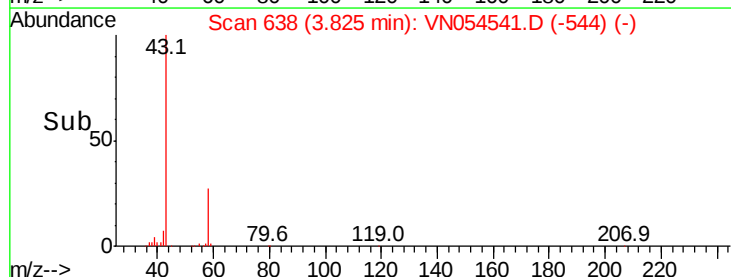
60000

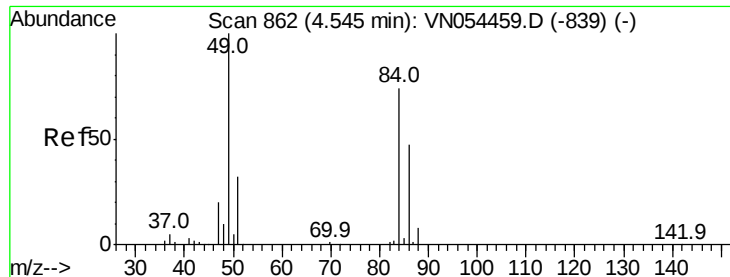
40000

20000

0

Time-->

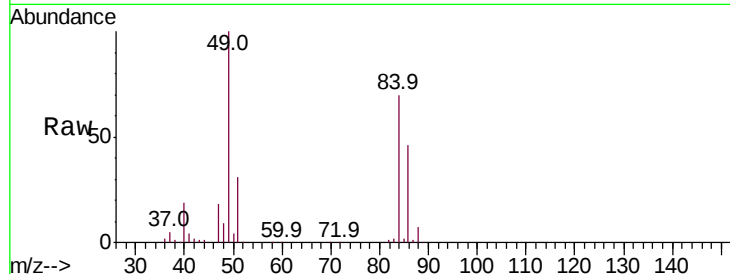




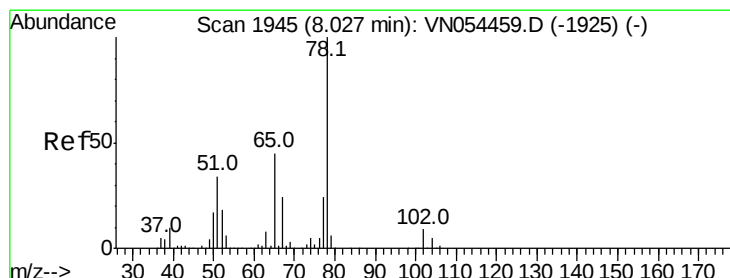
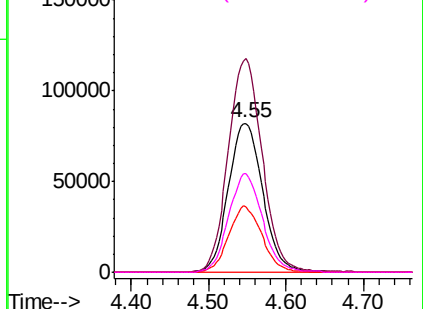
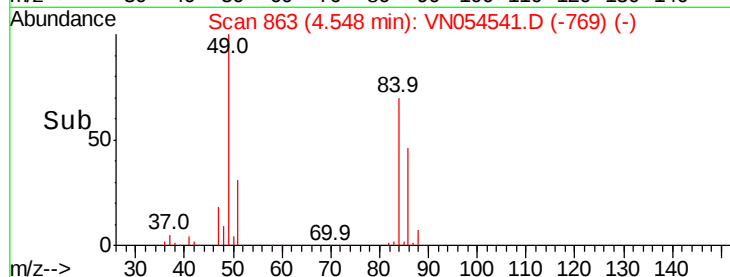
#20
Methvlene Chloride
Concen: 35.245 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tot Ion: 84 Resp: 253010
Ion Ratio Lower Upper
84 100
49 143.8 89.7 134.5#
51 44.3 28.2 42.4#
86 66.6 50.8 76.2

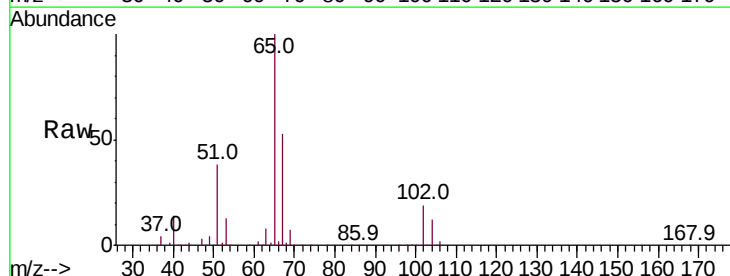


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

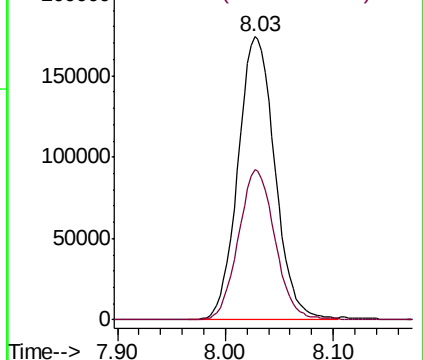
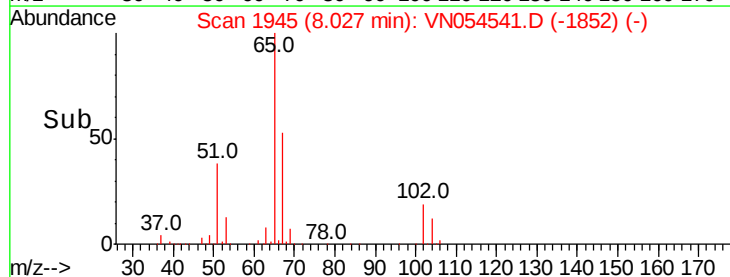


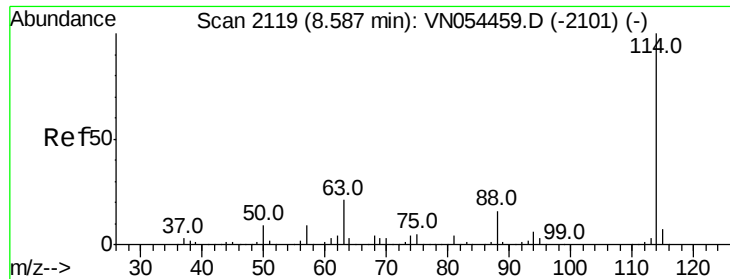
#33
1,2-Dichloroethane-d4
Concen: 51.168 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion: 65 Resp: 414462
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



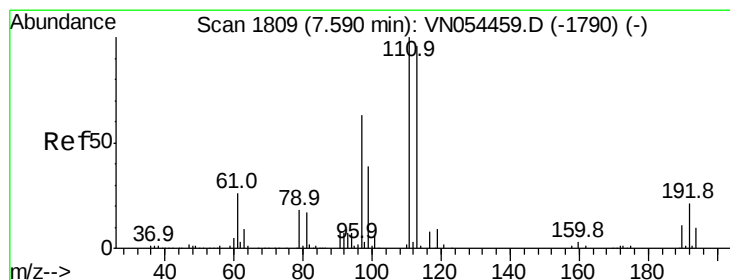
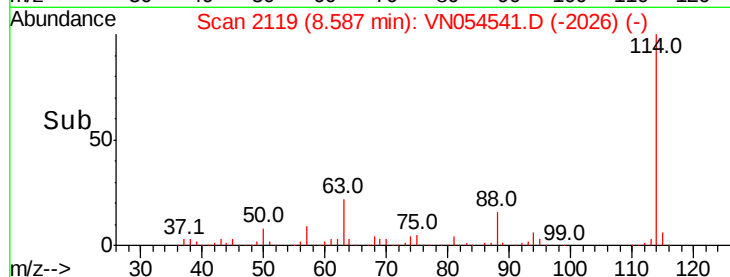
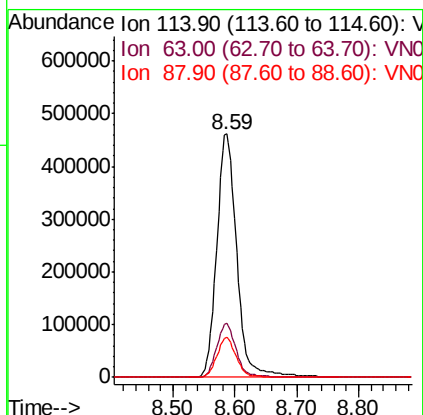
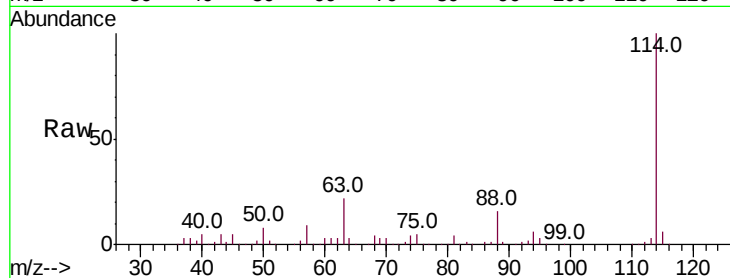


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054541.D
 Acq: 22 Mar 2019 5:56

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-032019

Tot Ion:114 Resp: 1038394

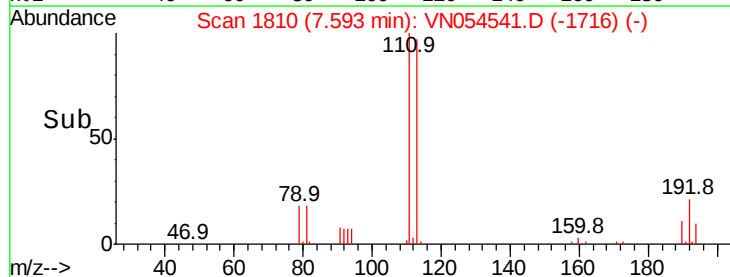
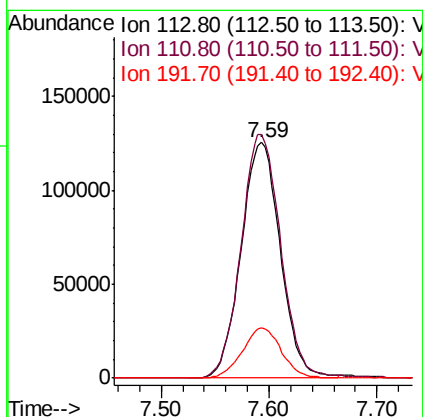
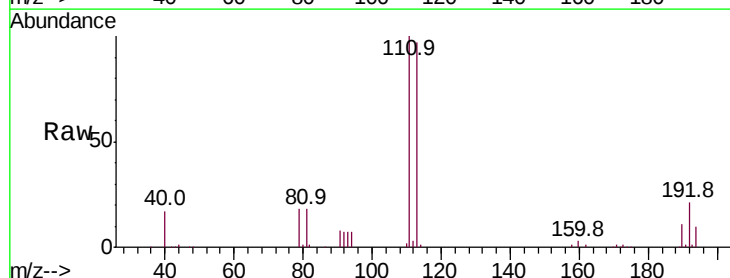
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.2
88	16.3	0.0	30.2

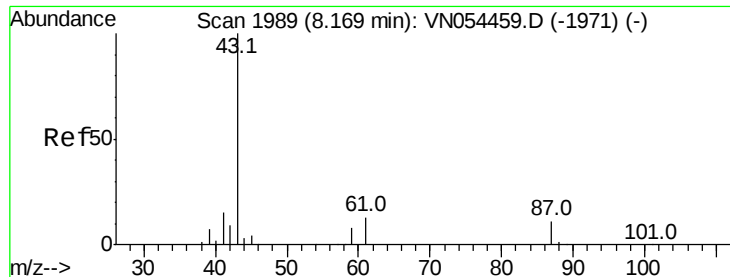


#35
 Dibromofluoromethane
 Concen: 47.385 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054541.D
 Acq: 22 Mar 2019 5:56

Tgt Ion:113 Resp: 316999

Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.4
192	21.2	19.2	28.8





#43

Isopropyl Acetate

Concen: 1.402 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054541.D

Acq: 22 Mar 2019 5:56

Instrument :

MSVOA_N

ClientSampleId :

HD-02-032019

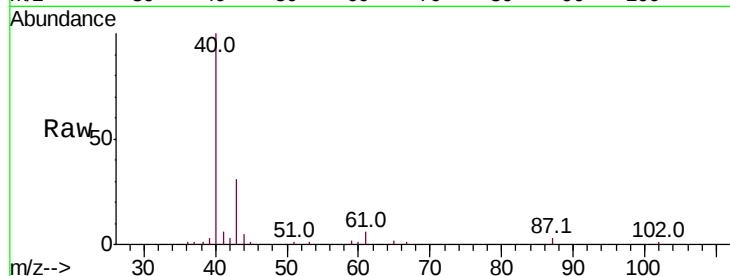
Tot Ion: 43 Resp: 16355

Ion Ratio Lower Upper

43 100

61 21.0 15.8 23.8

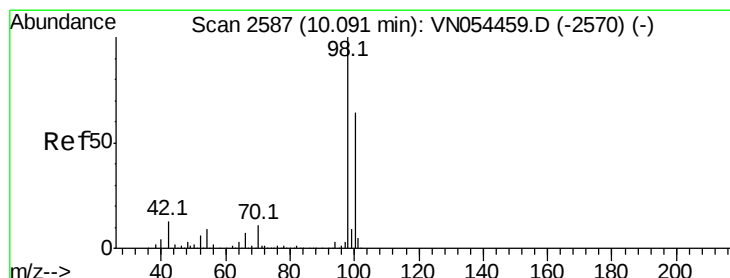
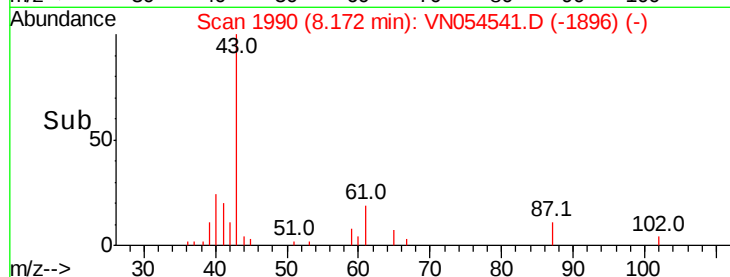
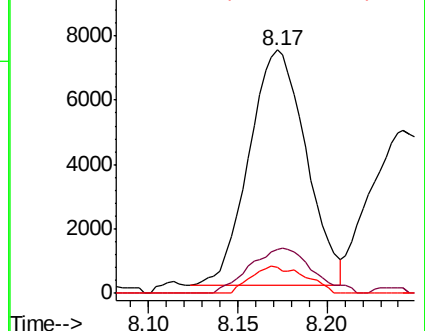
87 10.8 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.650 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054541.D

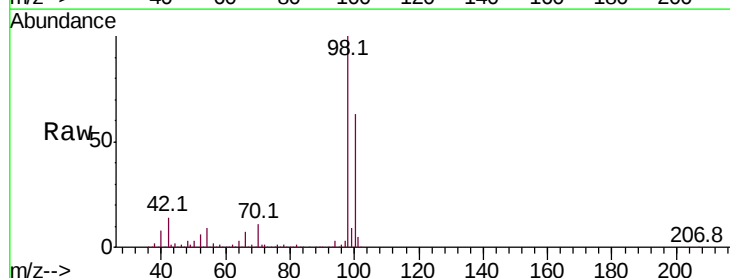
Acq: 22 Mar 2019 5:56

Tgt Ion: 98 Resp: 1223535

Ion Ratio Lower Upper

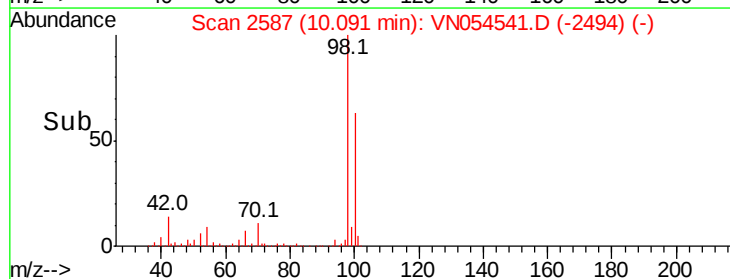
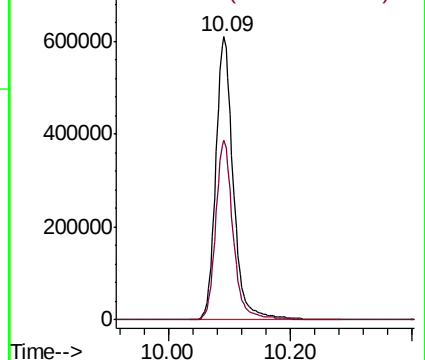
98 100

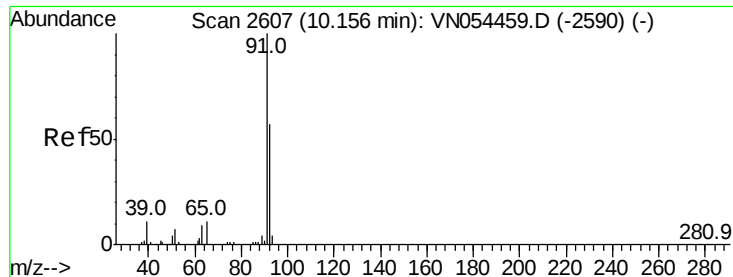
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#52

Toluene

Concen: 3.375 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054541.D

Acq: 22 Mar 2019 5:56

Instrument :

MSVOA_N

ClientSampleId :

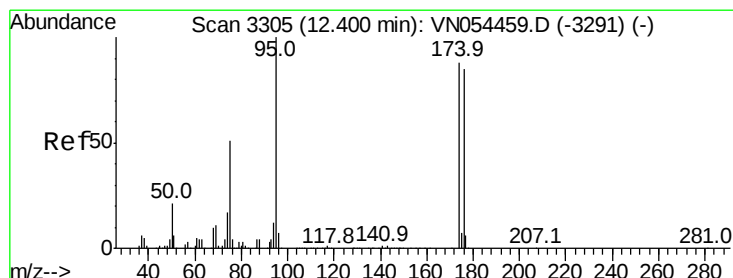
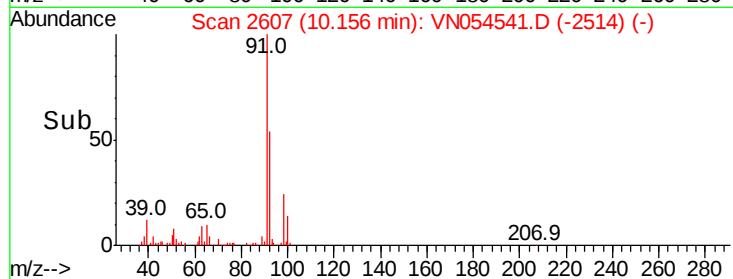
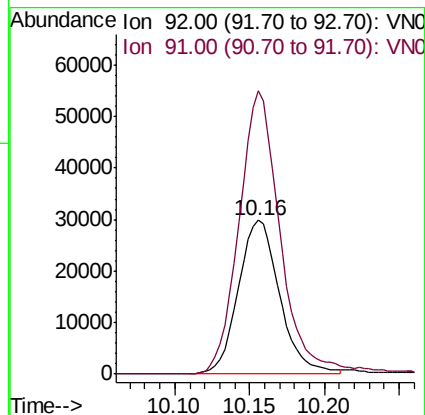
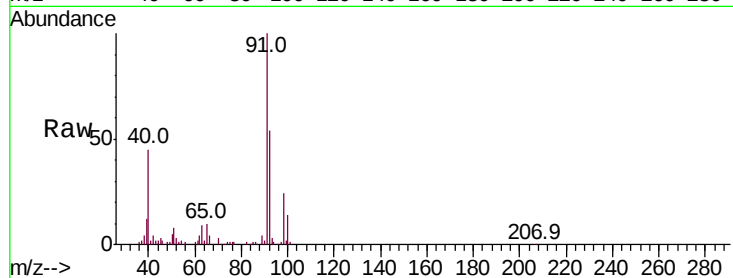
HD-02-032019

Tot Ion: 92 Resp: 57631

Ion Ratio Lower Upper

92 100

91 184.2 140.7 211.1



#62

4-Bromofluorobenzene

Concen: 43.289 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054541.D

Acq: 22 Mar 2019 5:56

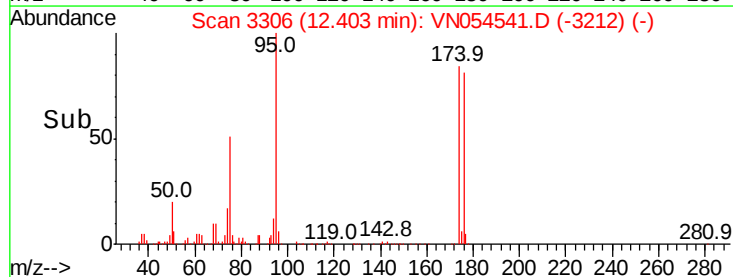
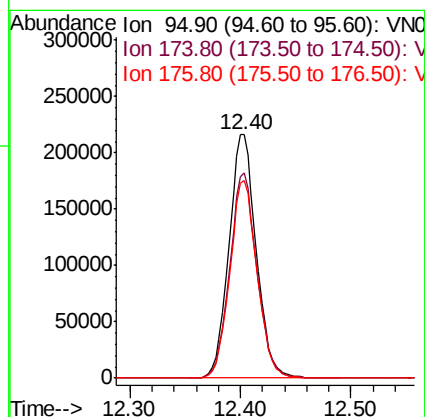
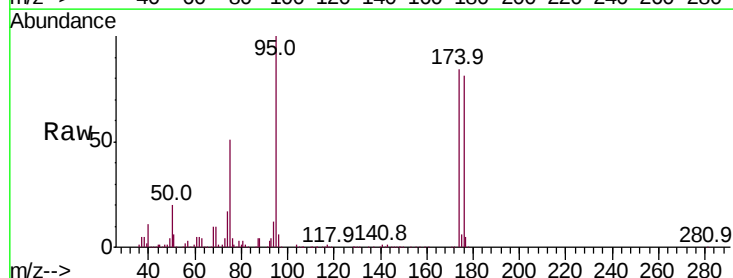
Tgt Ion: 95 Resp: 370471

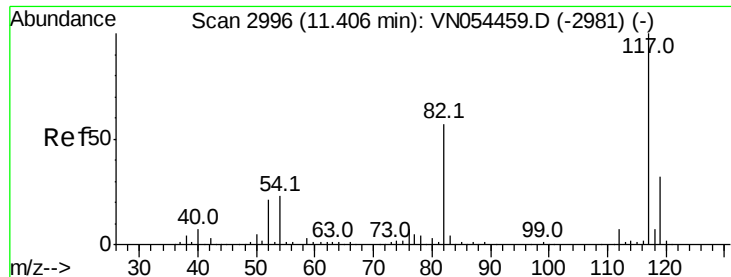
Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

176 80.9 0.0 187.4

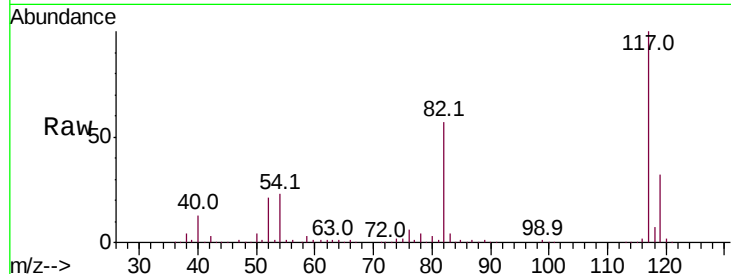




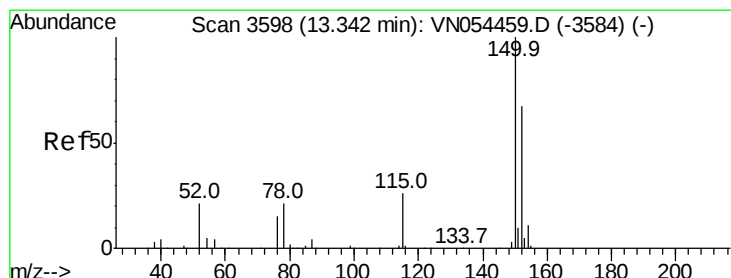
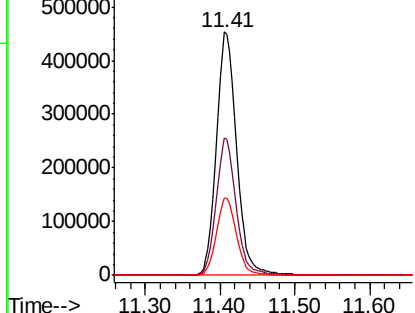
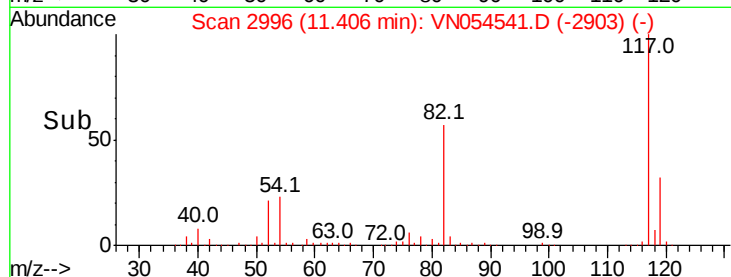
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Instrument :
MSVOA_N
ClientSampleId :
HD-02-032019

Tot Ion:117 Resp: 852752
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 31.9 25.8 38.6

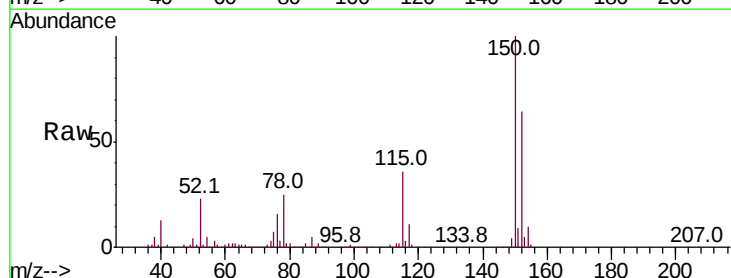


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

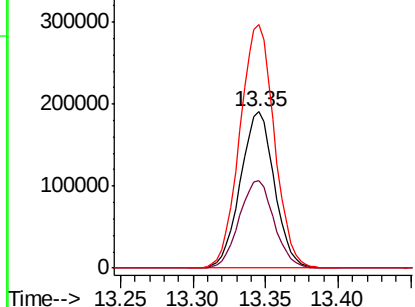
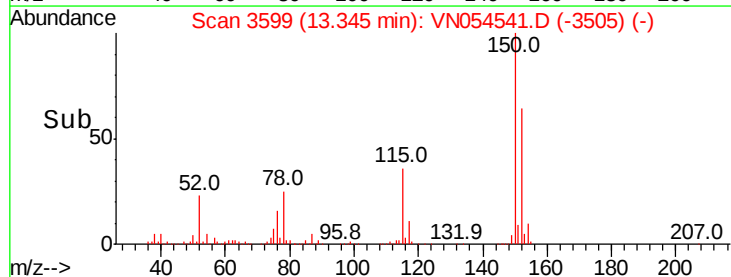


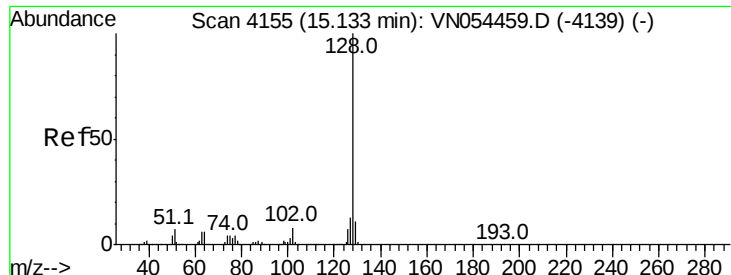
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054541.D
Acq: 22 Mar 2019 5:56

Tgt Ion:152 Resp: 311016
Ion Ratio Lower Upper
152 100
115 57.2 27.2 81.6
150 157.8 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





#95

Naphthalene

Concen: 1.238 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054541.D

Acq: 22 Mar 2019 5:56

Instrument :

MSVOA_N

ClientSampleId :

HD-02-032019

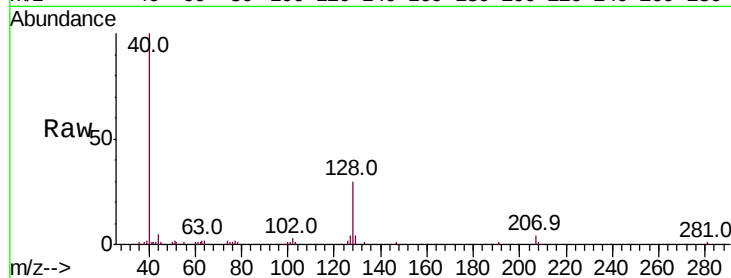
Tot Ion:128 Resp: 13737

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.8 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

