

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054240.D
 Acq On : 14 Mar 2019 4:24
 Operator : JC/SP
 Sample : K1869-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-2

Quant Time: Mar 14 08:50:06 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

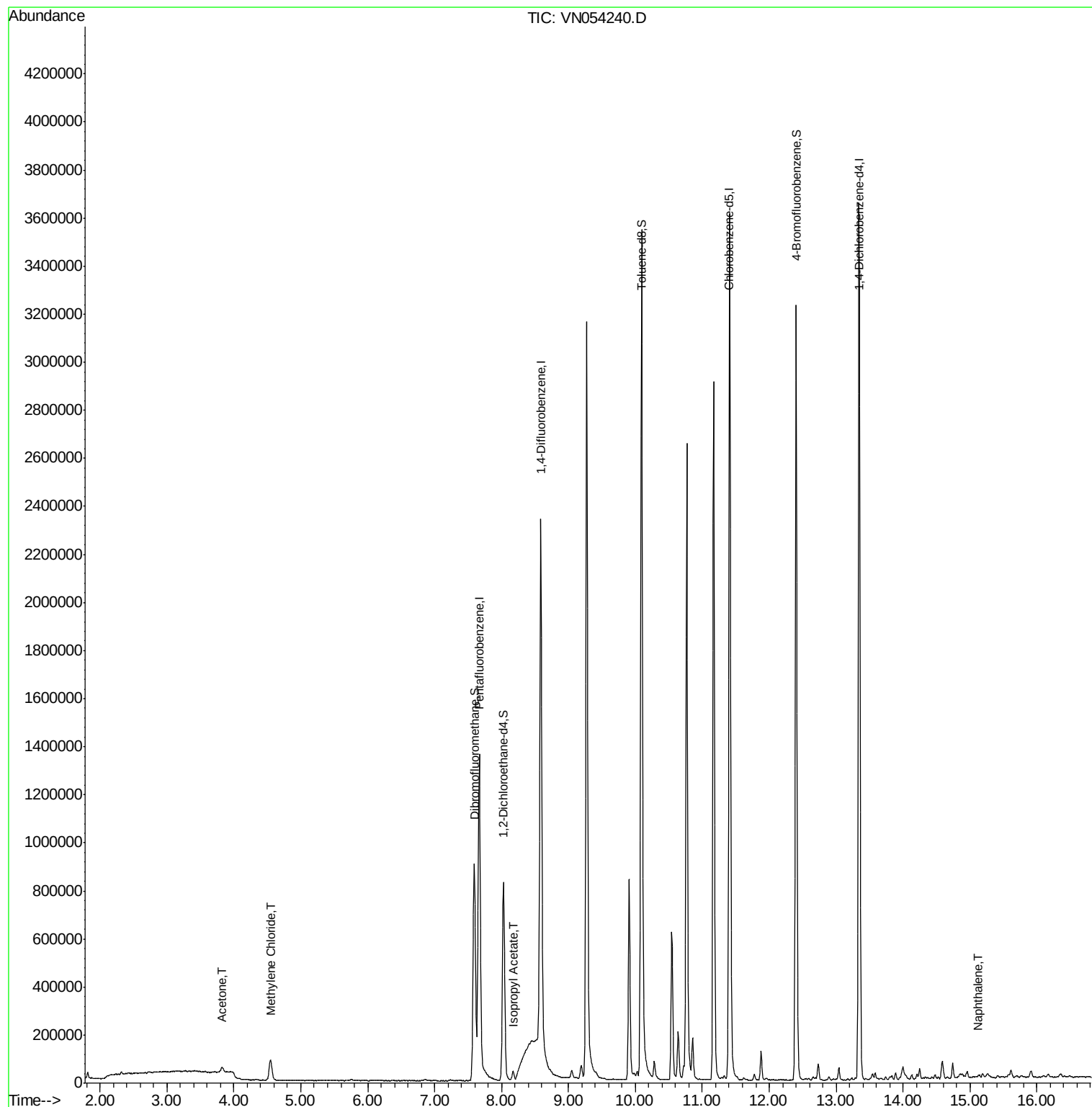
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1348970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2261710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2406548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1095076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	735019	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
35) Dibromofluoromethane	7.59	113	690826	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.09	98	2843834	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	1110716	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
Target Compounds						
16) Acetone	3.82	43	32622	7.953	ug/l	98
20) Methylene Chloride	4.54	84	66687	4.951	ug/l	92
43) Isopropyl Acetate	8.17	43	42452	2.021	ug/l	99
95) Naphthalene	15.13	128	9442	3.653	ug/l #	86

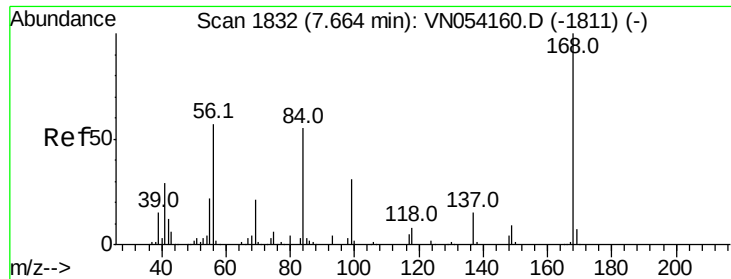
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
Data File : VN054240.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :

MSVOA_N

ClientSampleId :

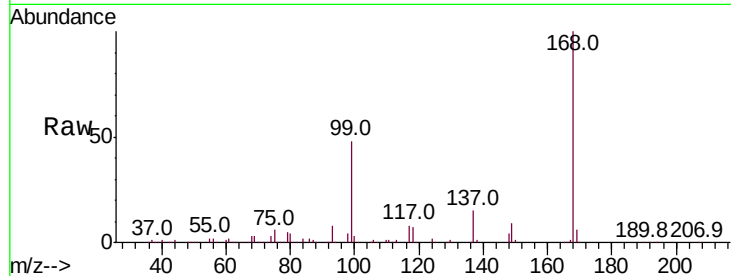
SP-2

Tot Ion:168 Resp: 1348970

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

0

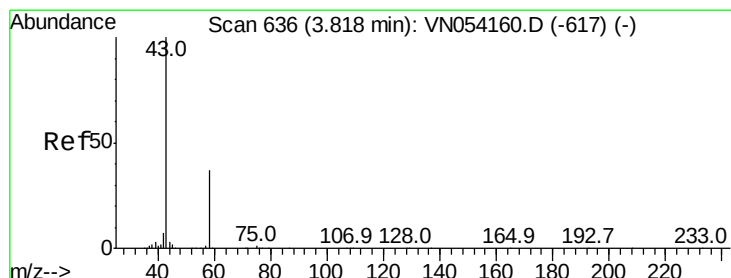
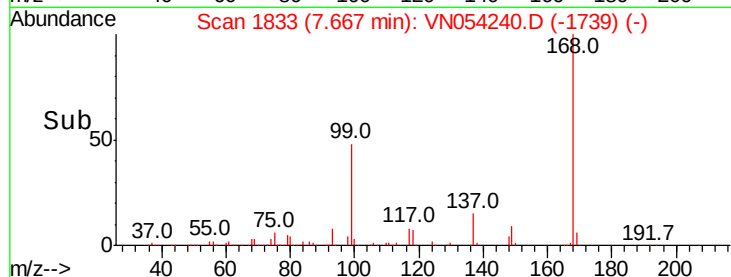
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 7.953 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054240.D

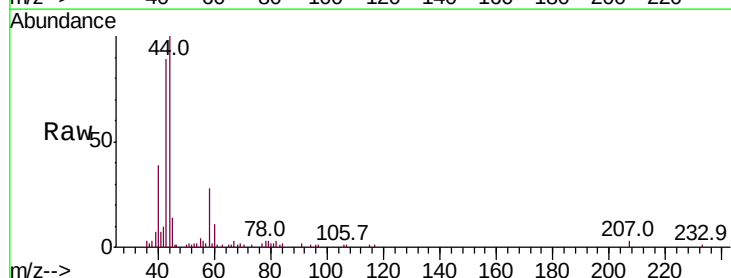
Acq: 14 Mar 2019 4:24

Tgt Ion: 43 Resp: 32622

Ion Ratio Lower Upper

43 100

58 36.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

15000

10000

5000

0

3.82

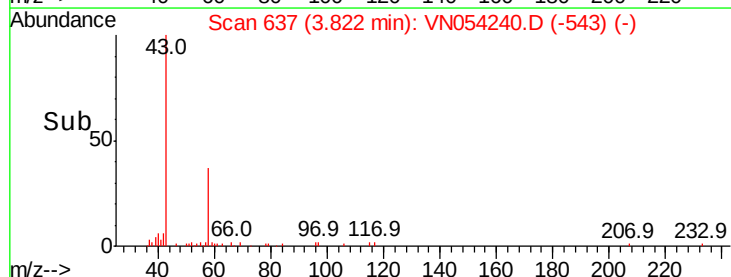
3.75

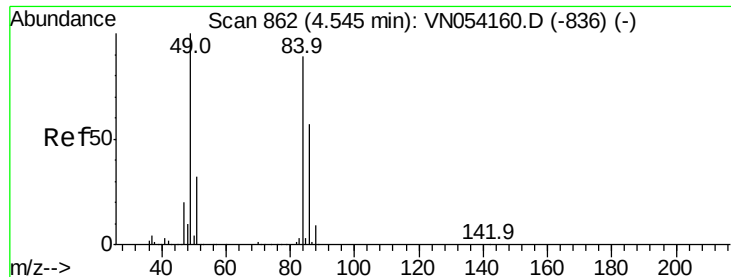
3.80

3.85

3.90

Time-->

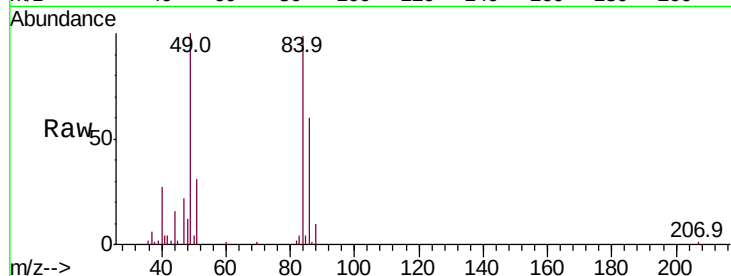




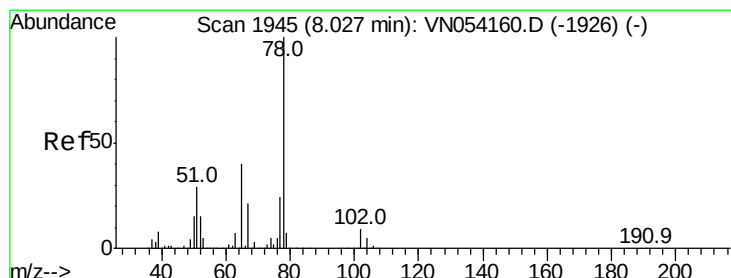
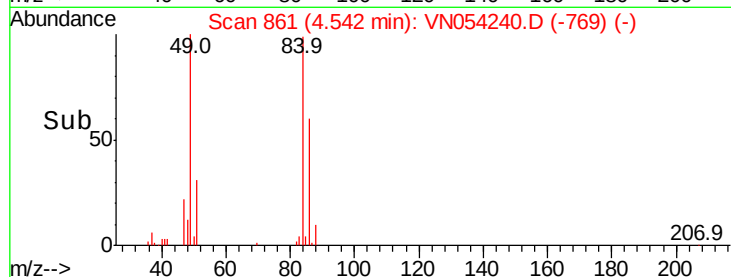
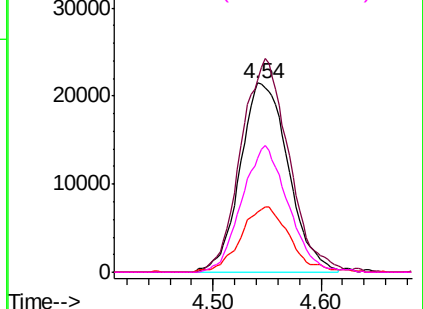
#20
Methylene Chloride
Concen: 4.951 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054240.D
Acq: 14 Mar 2019 4:24

Instrument :
MSVOA_N
ClientSampled :
SP-2

Tot Ion:	84	Resp:	66687
Ion	Ratio	Lower	Upper
84	100		
49	101.3	89.7	134.5
51	31.6	28.2	42.4
86	60.3	50.8	76.2

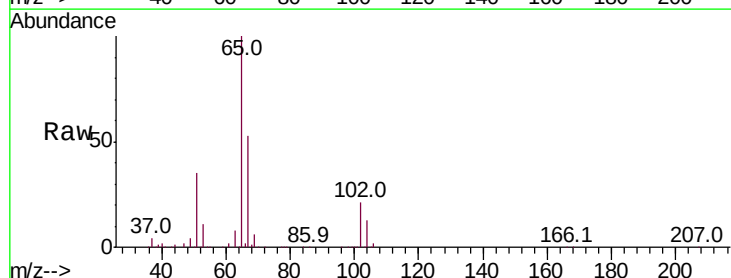


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

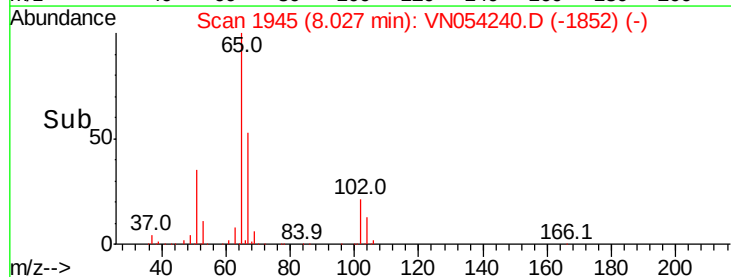
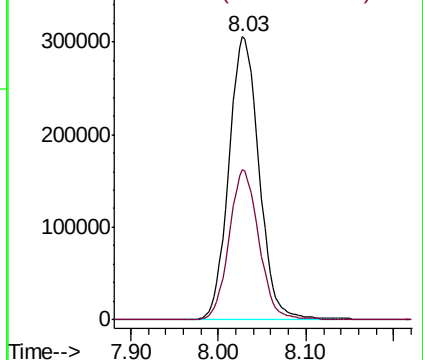


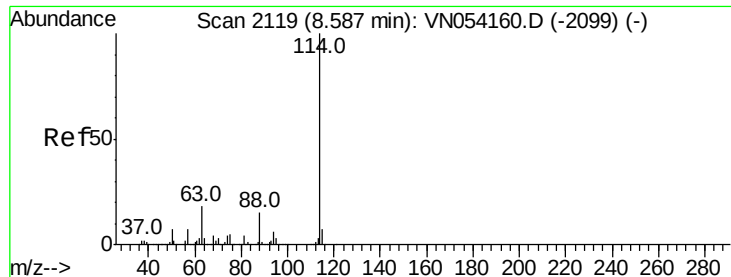
#33
1,2-Dichloroethane-d4
Concen: 51.306 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054240.D
Acq: 14 Mar 2019 4:24

Tgt Ion:	65	Resp:	735019
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6



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



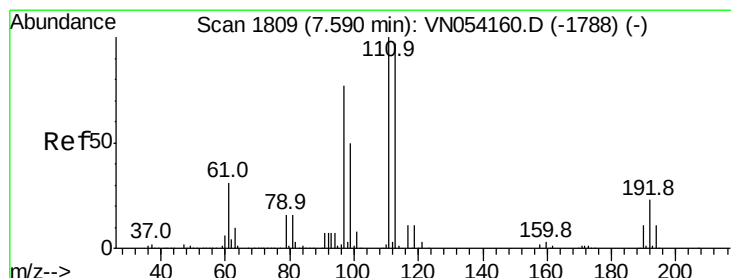
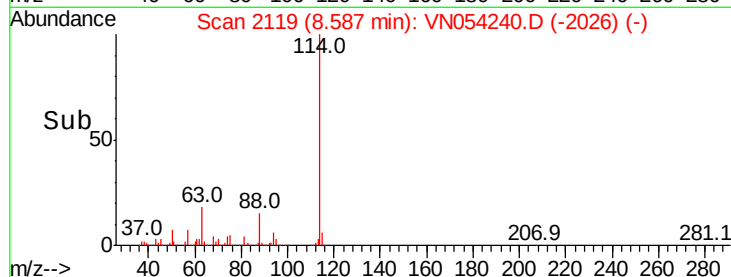
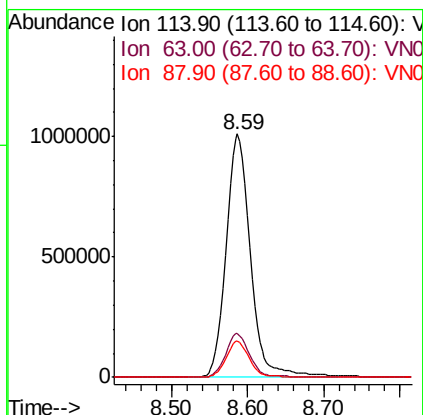
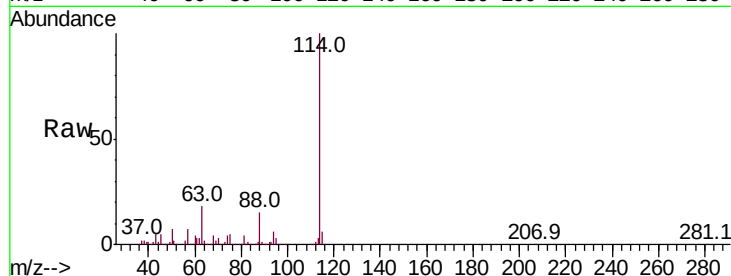


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054240.D
 Acq: 14 Mar 2019 4:24

Instrument :
 MSVOA_N
 ClientSampled :
 SP-2

Tot Ion:114 Resp: 2261710

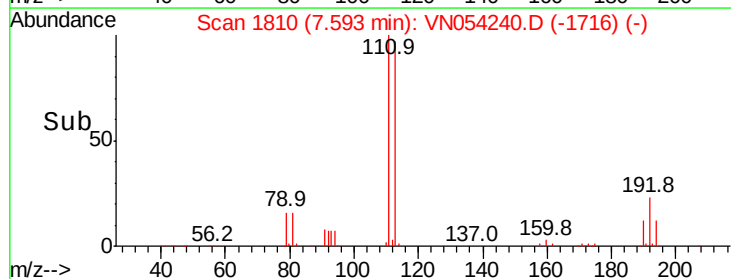
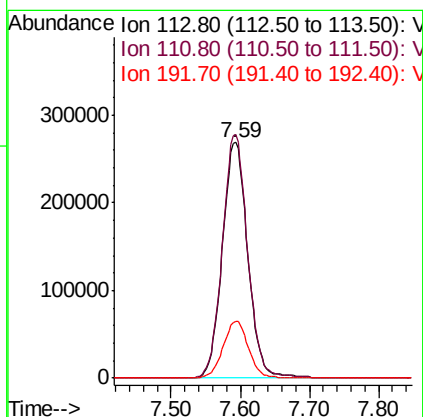
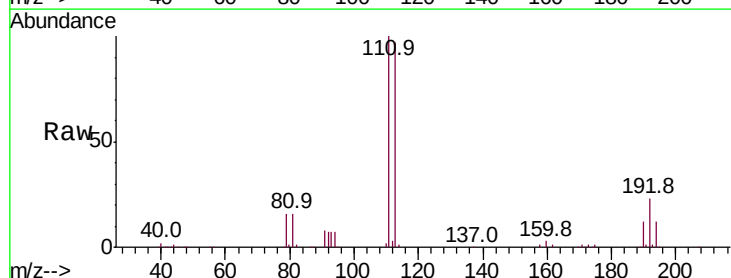
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	14.8	0.0	30.2

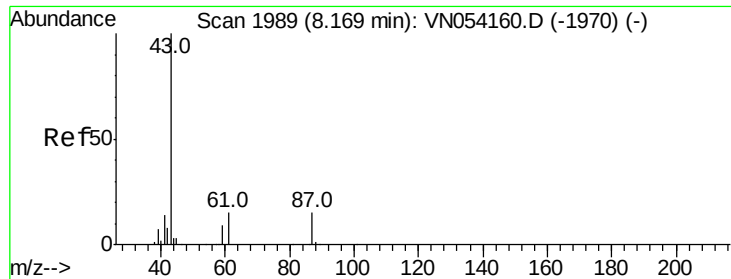


#35
 Dibromofluoromethane
 Concen: 47.359 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054240.D
 Acq: 14 Mar 2019 4:24

Tgt Ion:113 Resp: 690826

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	24.0	19.2	28.8

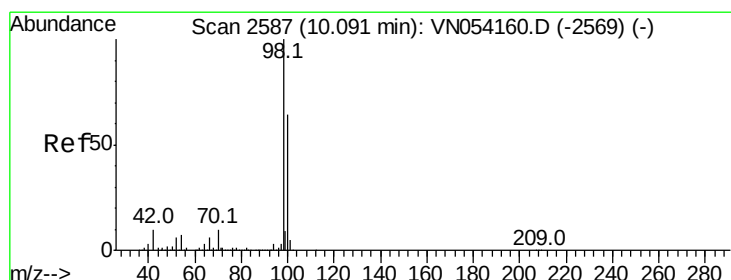
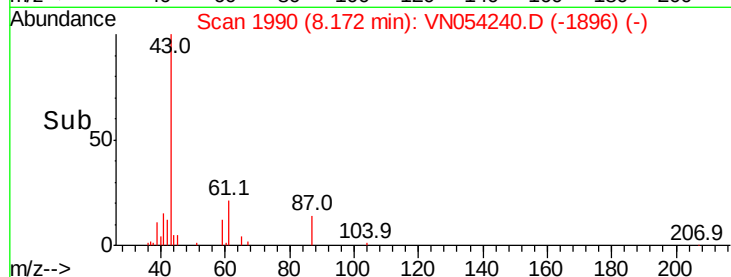
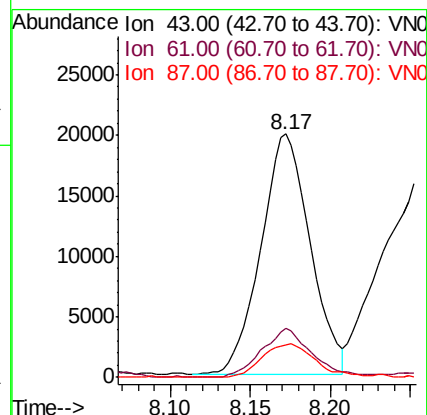
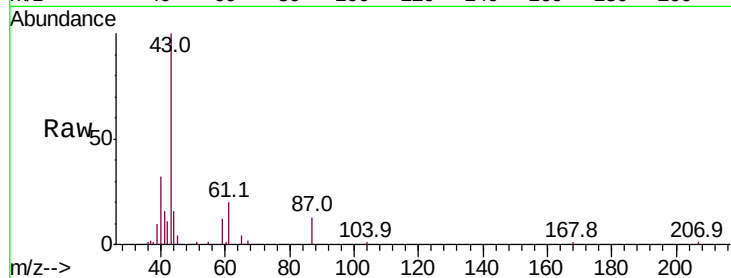




#43
Isopropyl Acetate
Concen: 2.021 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054240.D
Acq: 14 Mar 2019 4:24

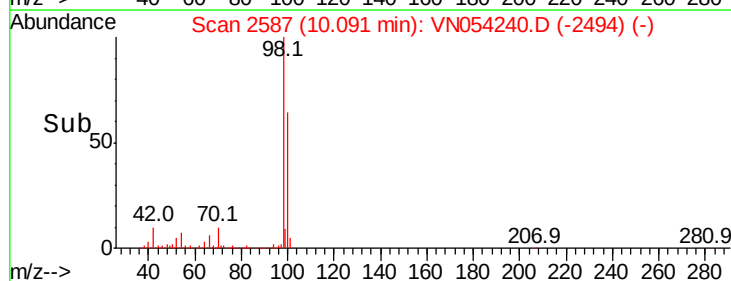
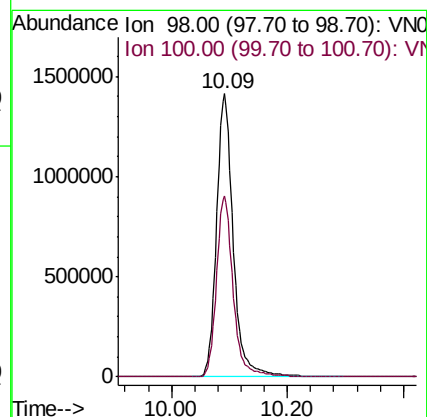
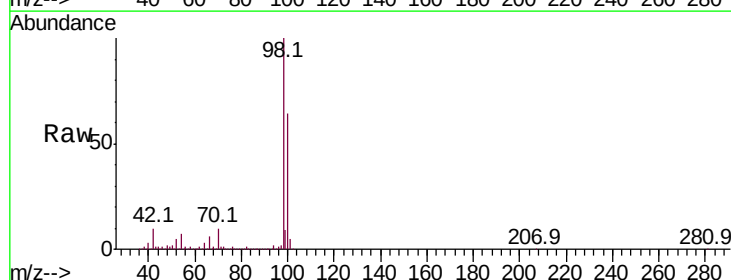
Instrument :
MSVOA_N
ClientSampled :
SP-2

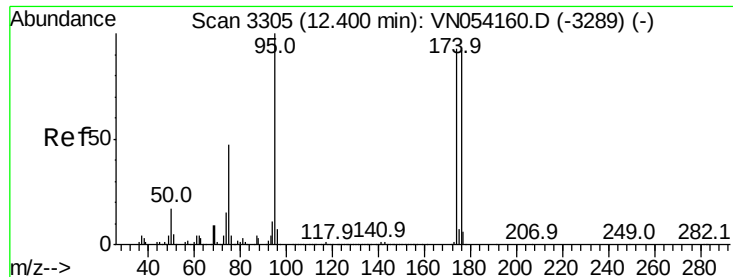
Tot Ion: 43 Resp: 42452
Ion Ratio Lower Upper
43 100
61 20.3 15.8 23.8
87 15.0 12.0 18.0



#50
Toluene-d8
Concen: 52.788 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054240.D
Acq: 14 Mar 2019 4:24

Tgt Ion: 98 Resp: 2843834
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8

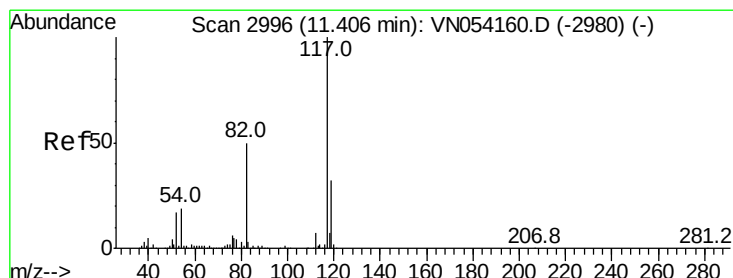
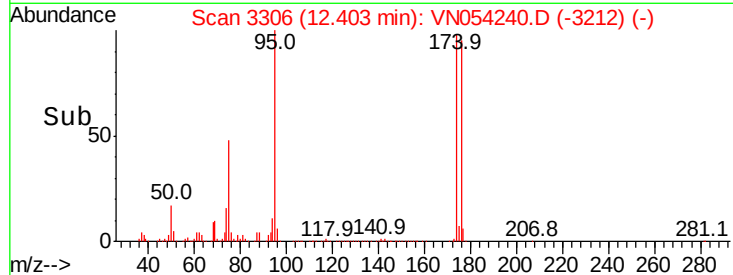
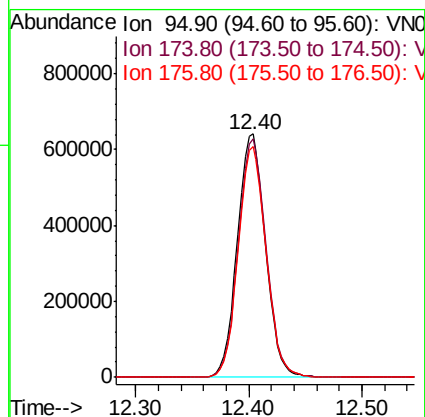
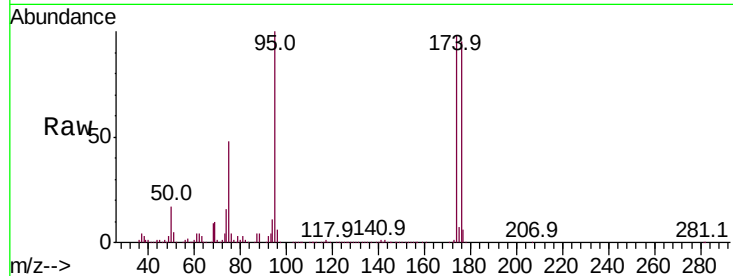




#62
4-Bromofluorobenzene
Concen: 58.924 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054240.D
Acq: 14 Mar 2019 4:24

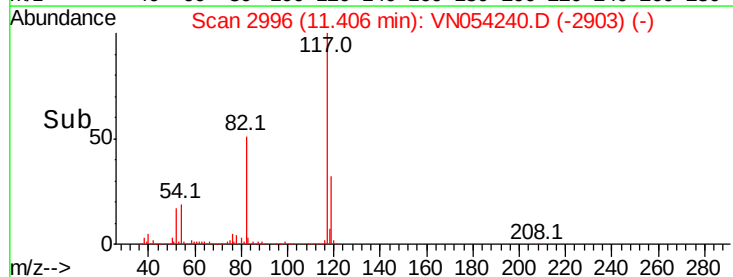
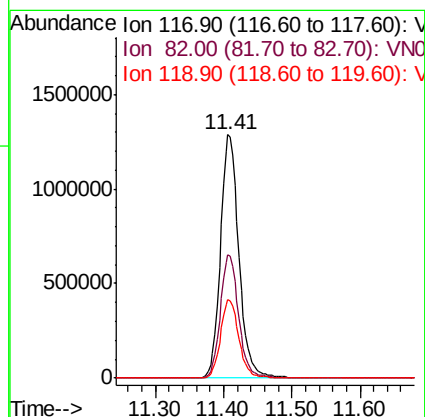
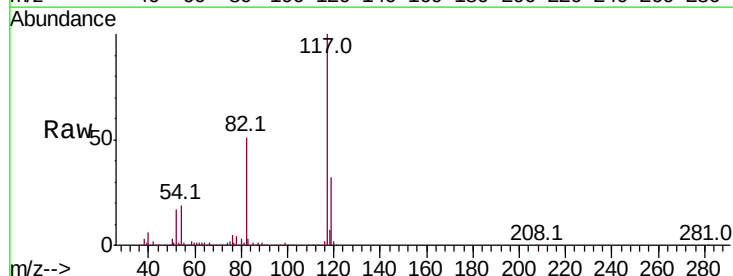
Instrument :
MSVOA_N
ClientSampled :
SP-2

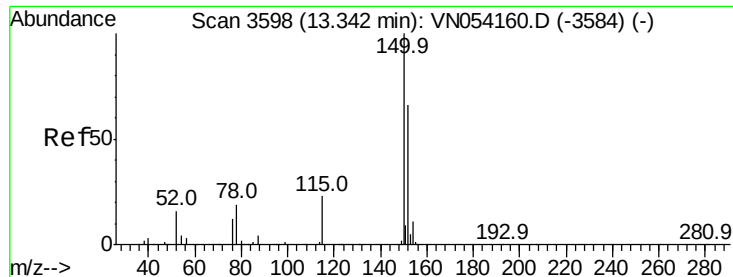
Tot Ion: 95 Resp: 1110716
Ion Ratio Lower Upper
95 100
174 97.2 0.0 191.0
176 94.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054240.D
Acq: 14 Mar 2019 4:24

Tgt Ion: 117 Resp: 2406548
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 32.3 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: VN054240.D

Acq: 14 Mar 2019 4:24

Instrument :

MSVOA_N

ClientSampleId :

SP-2

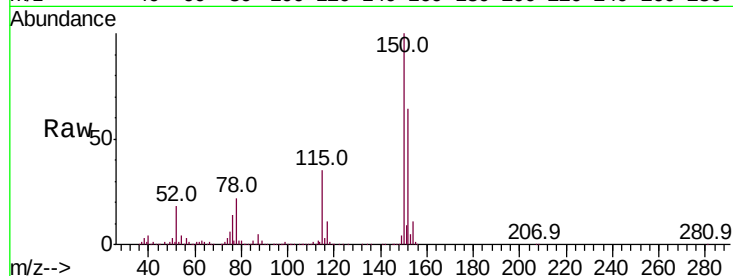
Tot Ion:152 Resp: 1095076

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.6

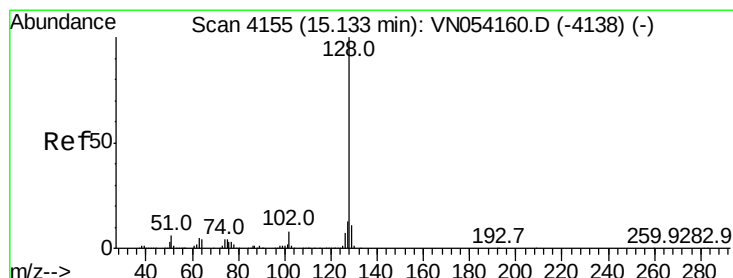
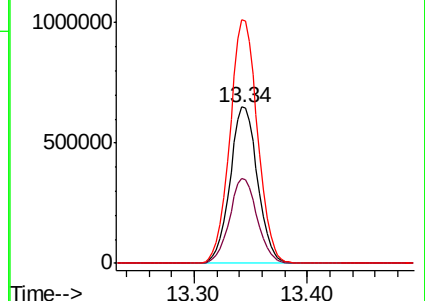
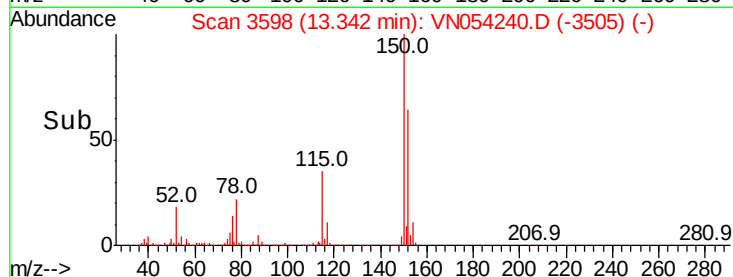
150 156.6 0.0 349.2



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: 3.653 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054240.D

Acq: 14 Mar 2019 4:24

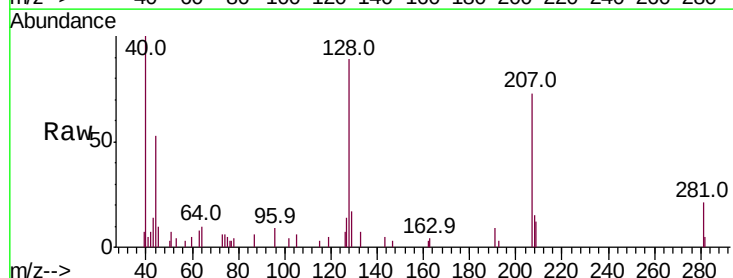
Tgt Ion:128 Resp: 9442

Ion Ratio Lower Upper

128 100

127 17.8 10.1 15.1#

129 16.2 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

