

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031219\
 Data File : VN054200.D
 Acq On : 13 Mar 2019 8:19
 Operator : JC/SP
 Sample : K1687-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-C

Quant Time: Mar 13 09:15:48 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

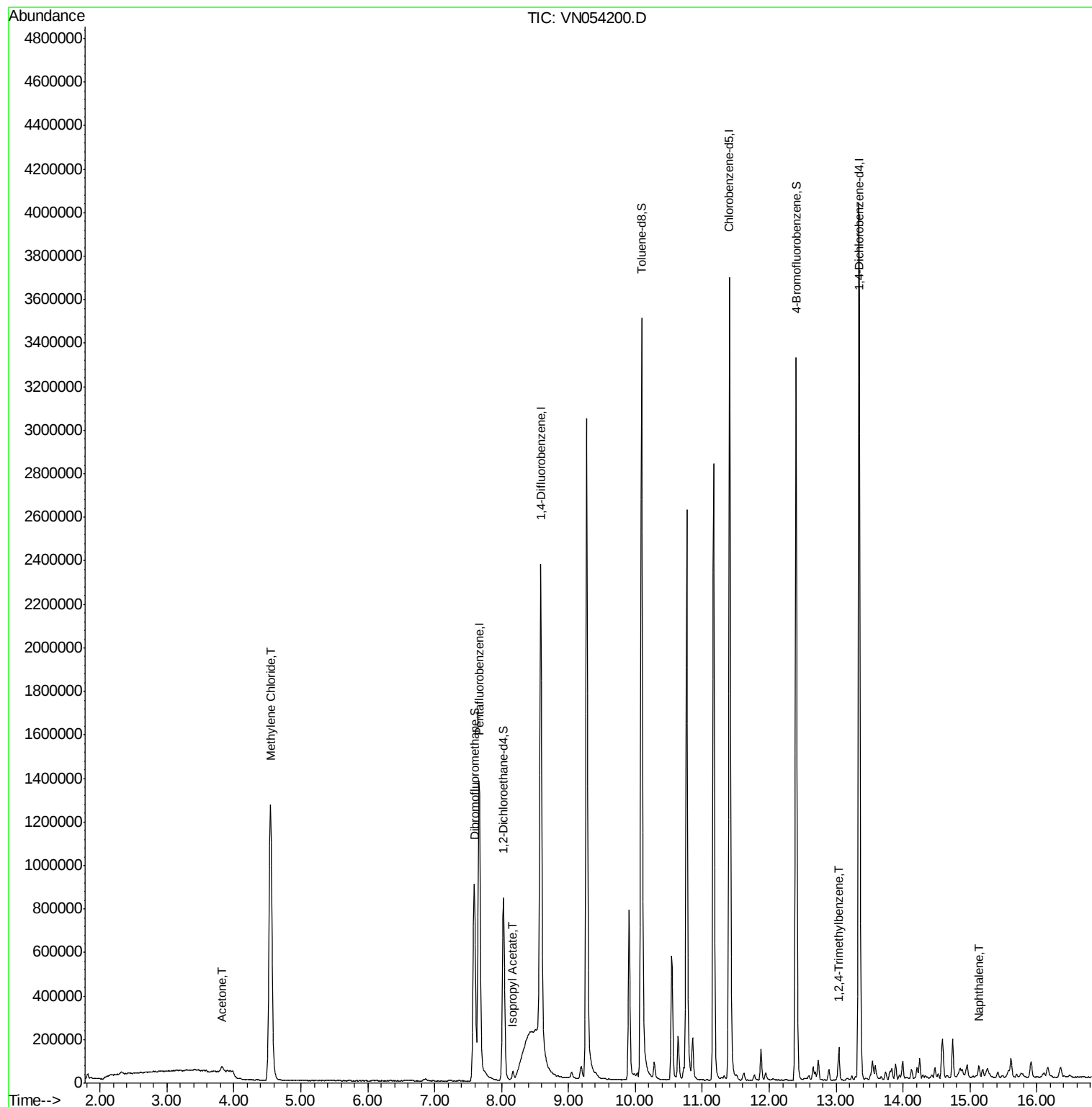
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1360768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2260143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2414616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1181712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	744704	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	7.59	113	696125	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	2816853	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.40	95	1149309	61.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.02%	
Target Compounds						
16) Acetone	3.82	43	36247	8.760	ug/l	95
20) Methylene Chloride	4.55	84	1028179	75.676	ug/l	99
43) Isopropyl Acetate	8.17	43	47764	2.275	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	89413	1.159	ug/l	99
95) Naphthalene	15.13	128	49657	4.361	ug/l	98

(#) = 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: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

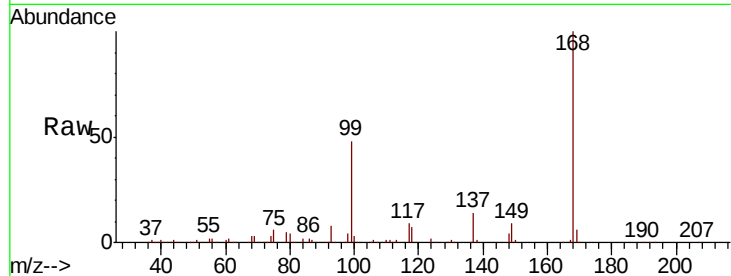
HR-06-031119-C

Tgt Ion:168 Resp: 1360768

Ion Ratio Lower Upper

168 100

99 47.7 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

600000

500000

400000

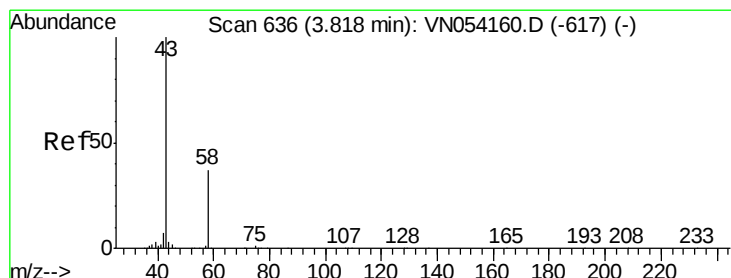
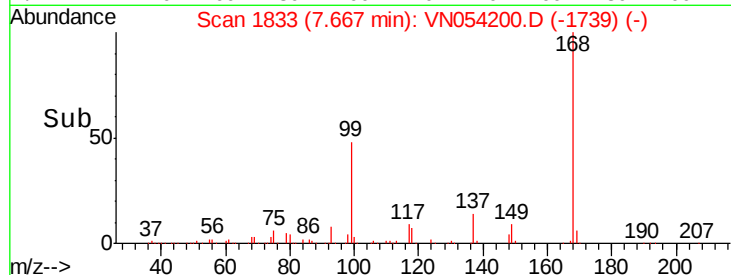
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.760 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054200.D

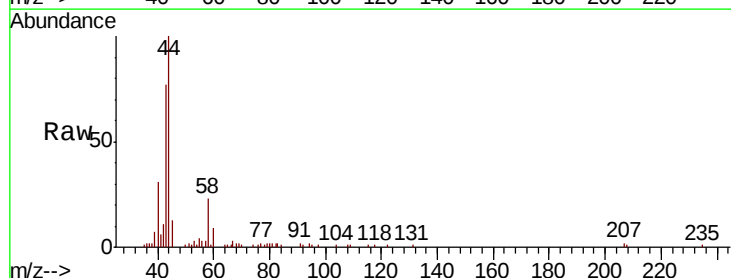
Acq: 13 Mar 2019 8:19

Tgt Ion: 43 Resp: 36247

Ion Ratio Lower Upper

43 100

58 34.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

20000

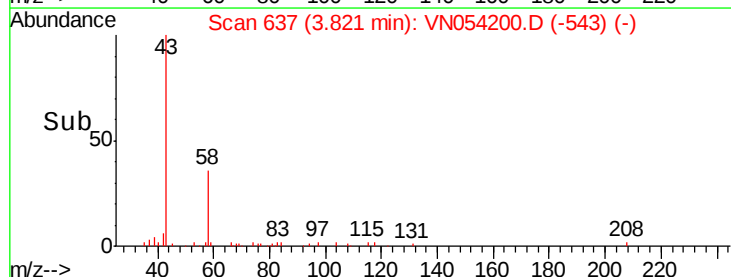
15000

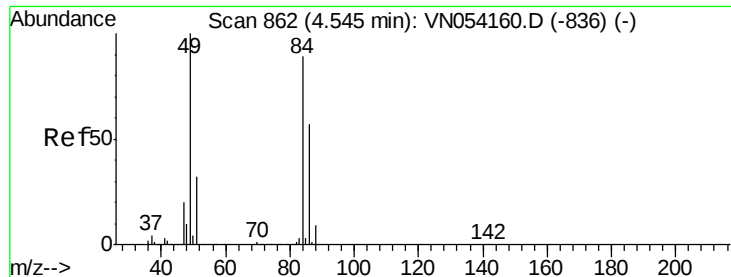
10000

5000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 75.676 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

Tgt Ion: 84 Resp: 1028179

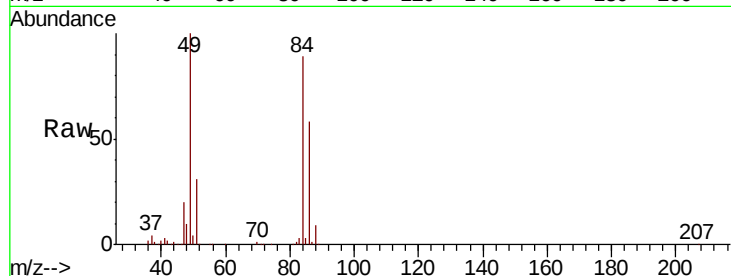
Ion Ratio Lower Upper

84 100

49 112.0 89.7 134.5

51 34.5 28.2 42.4

86 64.9 50.8 76.2

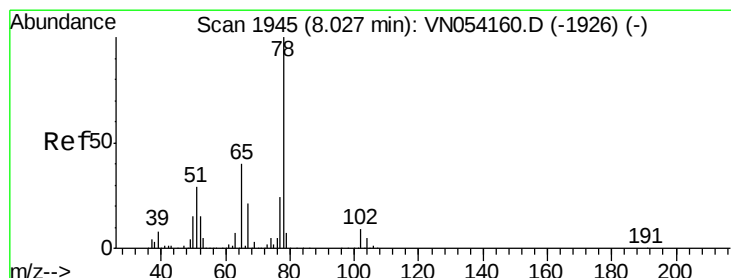
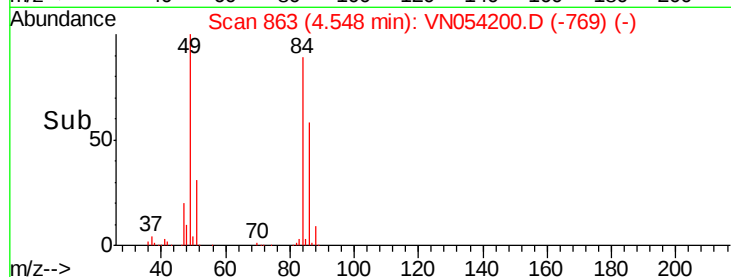
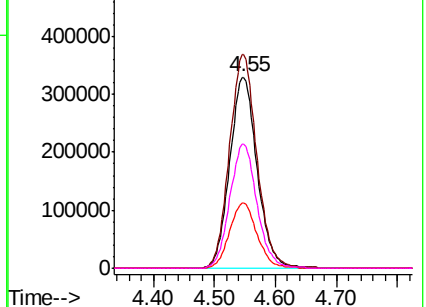


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.532 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054200.D

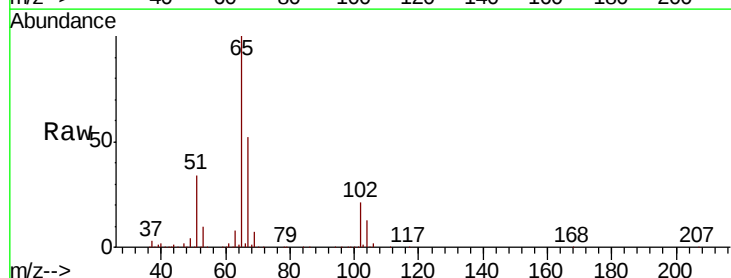
Acq: 13 Mar 2019 8:19

Tgt Ion: 65 Resp: 744704

Ion Ratio Lower Upper

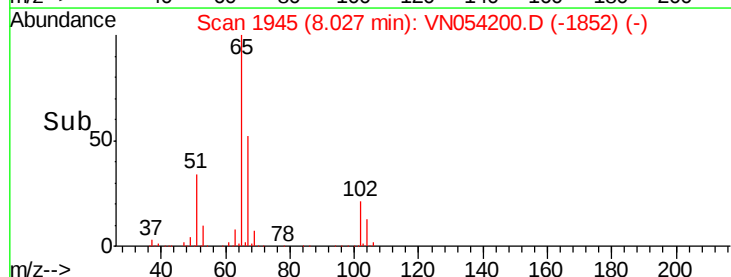
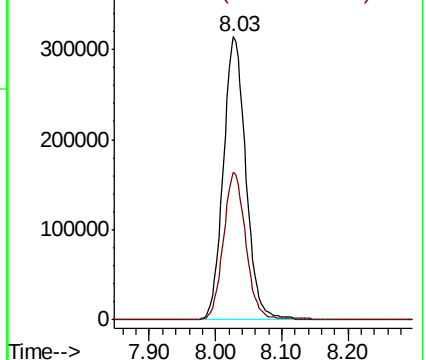
65 100

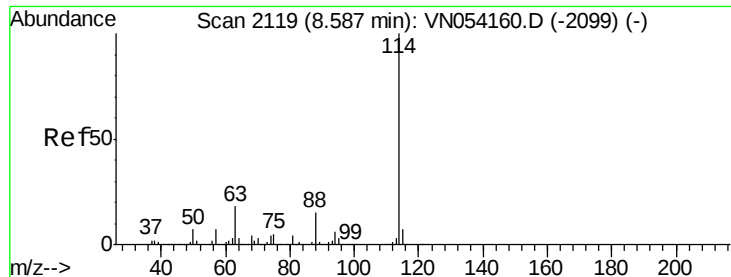
67 51.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

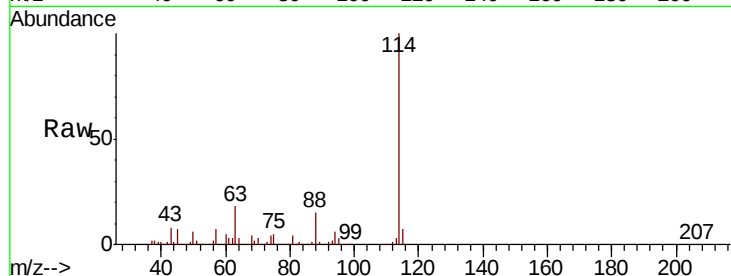




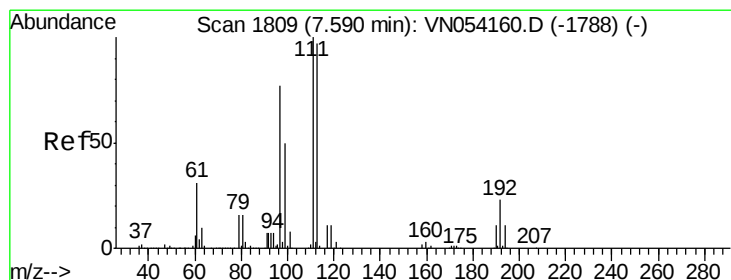
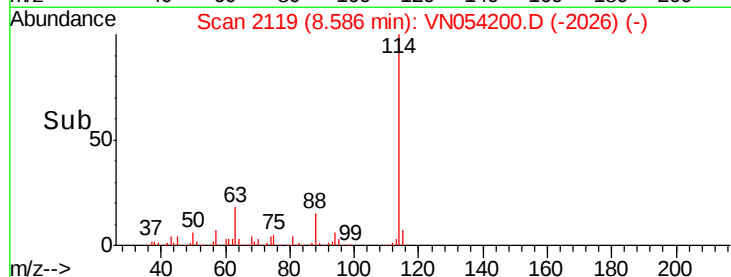
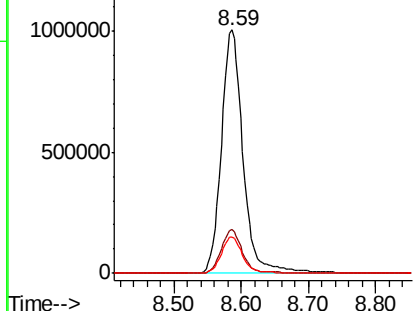
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054200.D
 Acq: 13 Mar 2019 8:19

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-031119-C

Tgt Ion:114 Resp: 2260143
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.2
 88 14.9 0.0 30.2

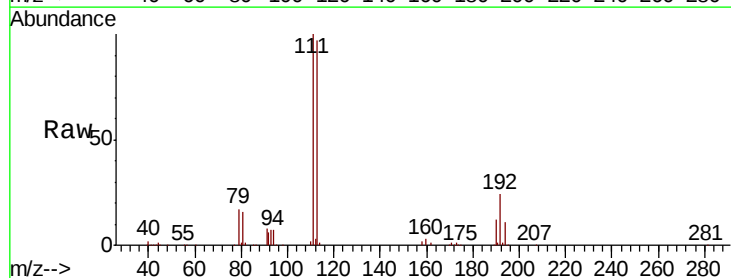


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

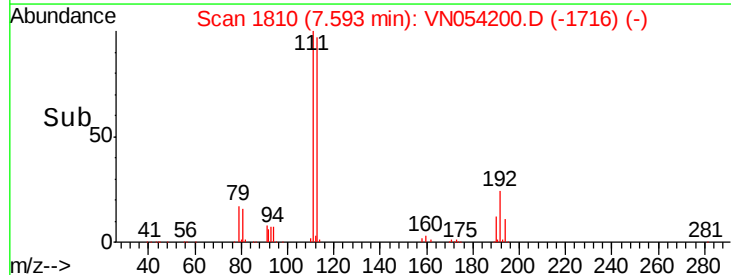
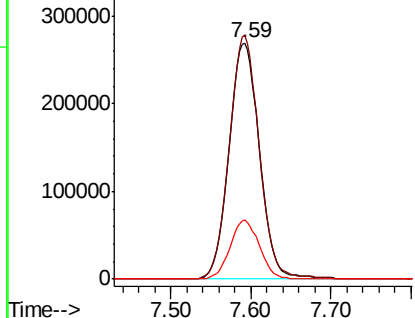


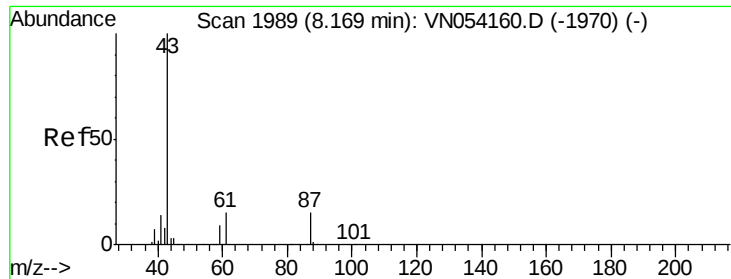
#35
 Dibromofluoromethane
 Concen: 47.755 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054200.D
 Acq: 13 Mar 2019 8:19

Tgt Ion:113 Resp: 696125
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.4
 192 24.1 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

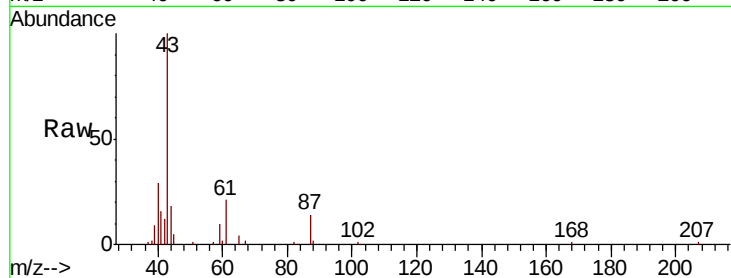




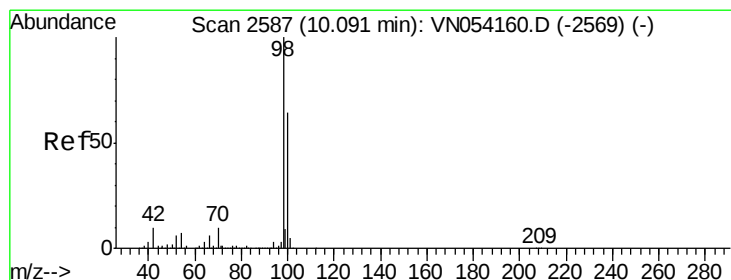
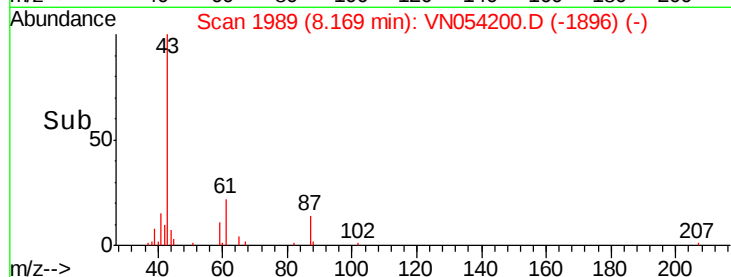
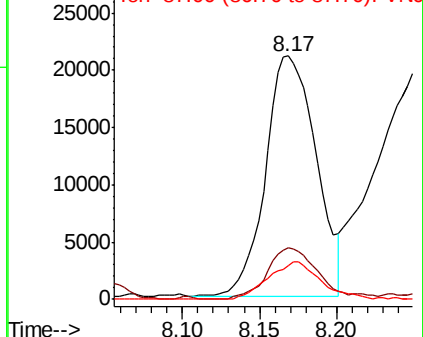
#43
Isopropyl Acetate
Concen: 2.275 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Instrument :
MSVOA_N
ClientSampleId :
HR-06-031119-C

Tgt Ion: 43 Resp: 47764
Ion Ratio Lower Upper
43 100
61 20.7 15.8 23.8
87 16.0 12.0 18.0

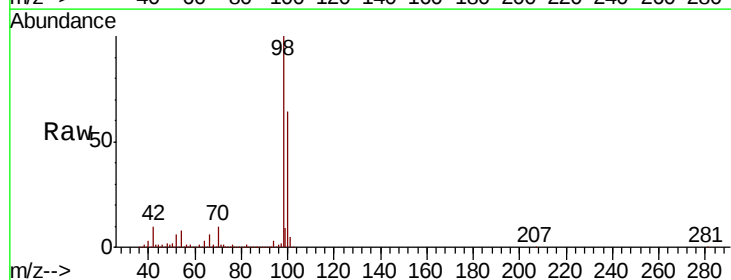


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

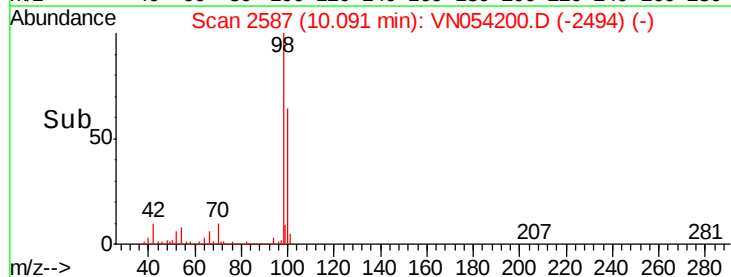
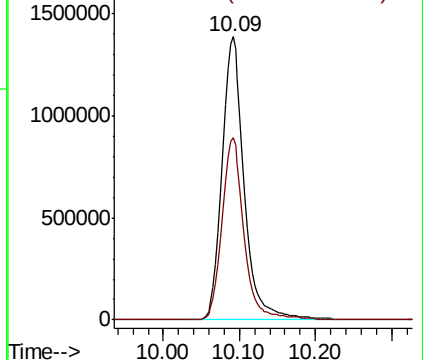


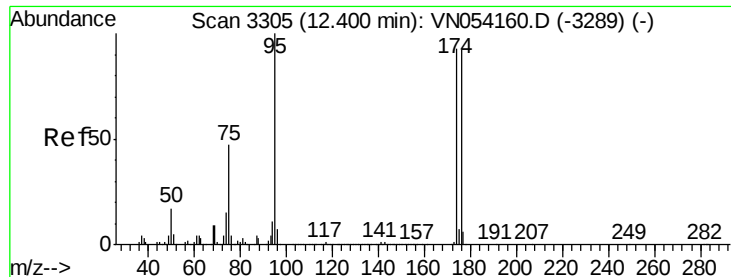
#50
Toluene-d8
Concen: 52.324 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion: 98 Resp: 2816853
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

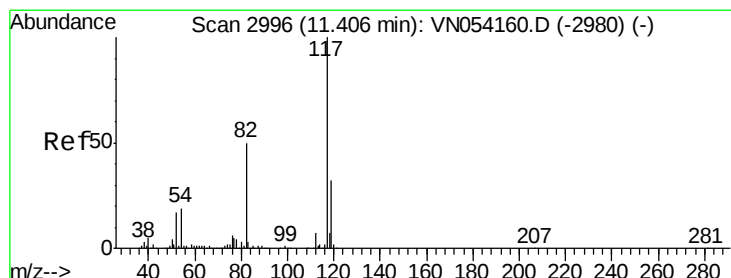
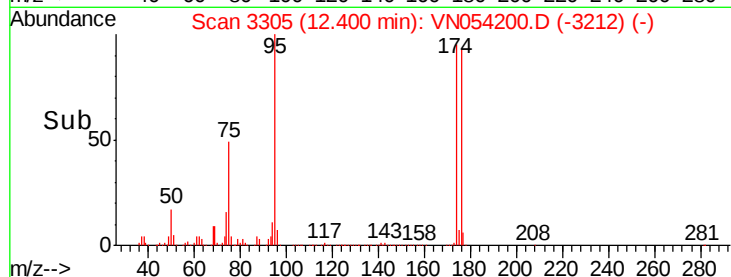
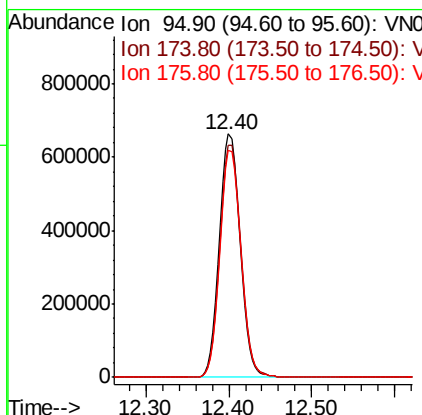
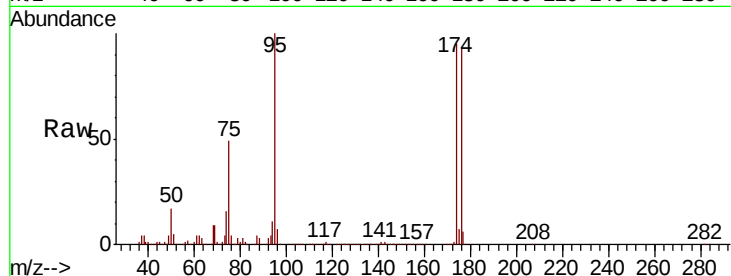




#62
4-Bromofluorobenzene
Concen: 61.014 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

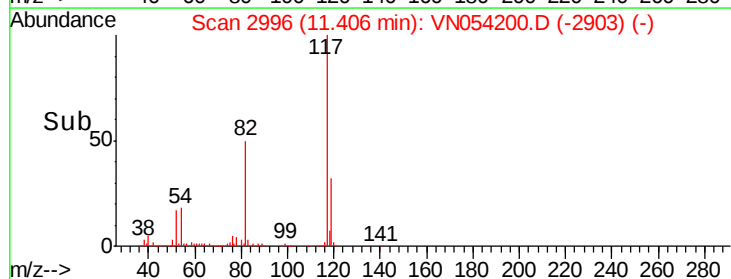
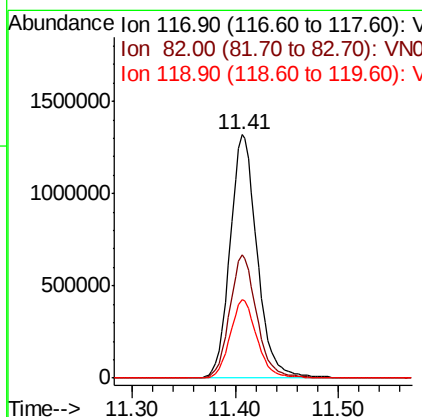
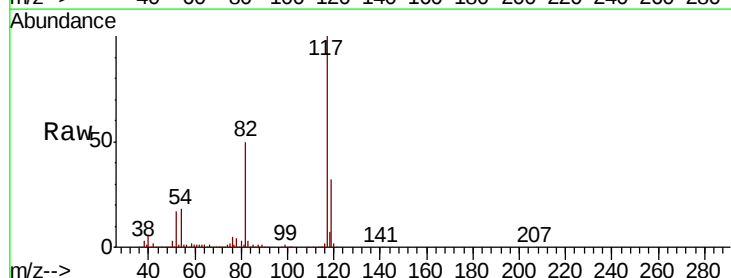
Instrument :
MSVOA_N
ClientSampleId :
HR-06-031119-C

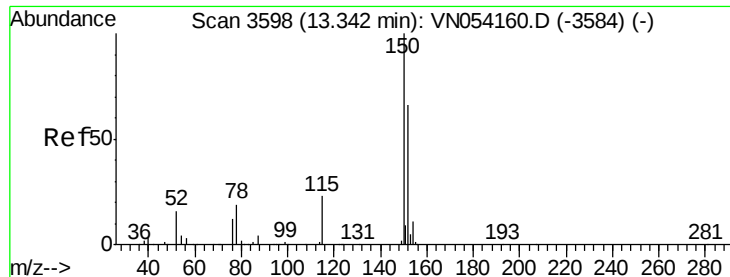
Tgt Ion: 95 Resp: 1149309
Ion Ratio Lower Upper
95 100
174 96.7 0.0 191.0
176 94.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Tgt Ion: 117 Resp: 2414616
Ion Ratio Lower Upper
117 100
82 50.4 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: VN054200.D

Acq: 13 Mar 2019 8:19

Instrument :

MSVOA_N

ClientSampleId :

HR-06-031119-C

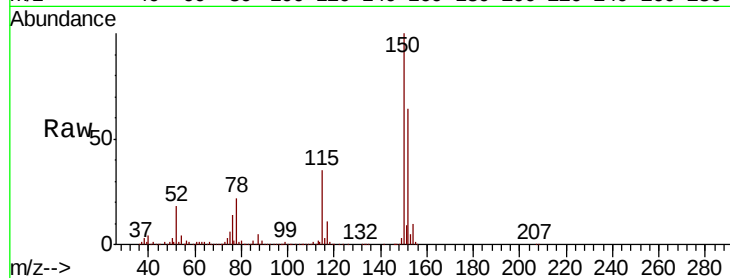
Tgt Ion:152 Resp: 1181712

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.6

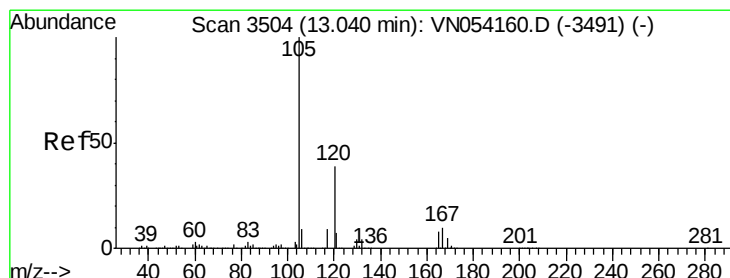
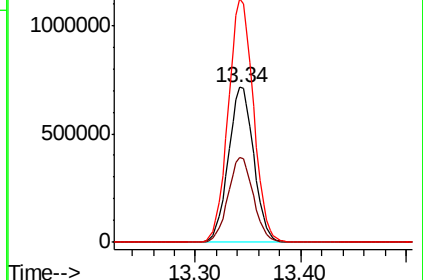
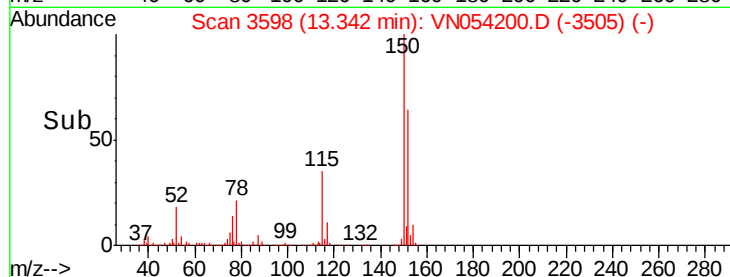
150 156.1 0.0 349.2



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: 1.159 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054200.D

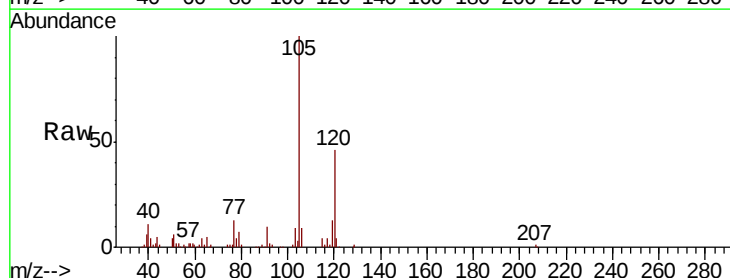
Acq: 13 Mar 2019 8:19

Tgt Ion:105 Resp: 89413

Ion Ratio Lower Upper

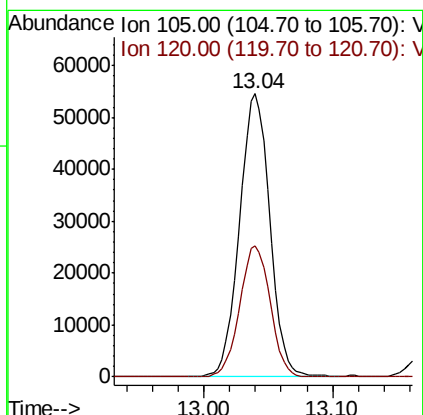
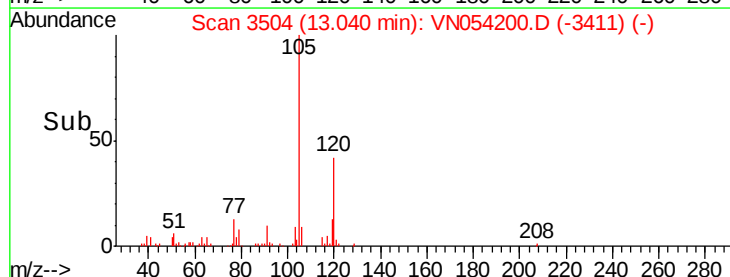
105 100

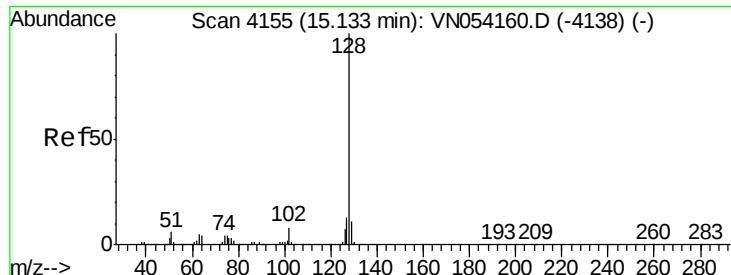
120 46.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

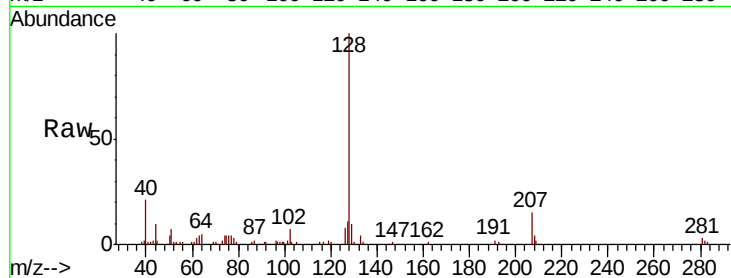




#95
Naphthalene
Concen: 4.361 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054200.D
Acq: 13 Mar 2019 8:19

Instrument :
MSVOA_N
ClientSampleId :
HR-06-031119-C

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	9.5	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

