

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056838.D
 Acq On : 19 Jul 2019 17:37
 Operator : JC/SP
 Sample : K3615-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-071719-A

Quant Time: Jul 20 00:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

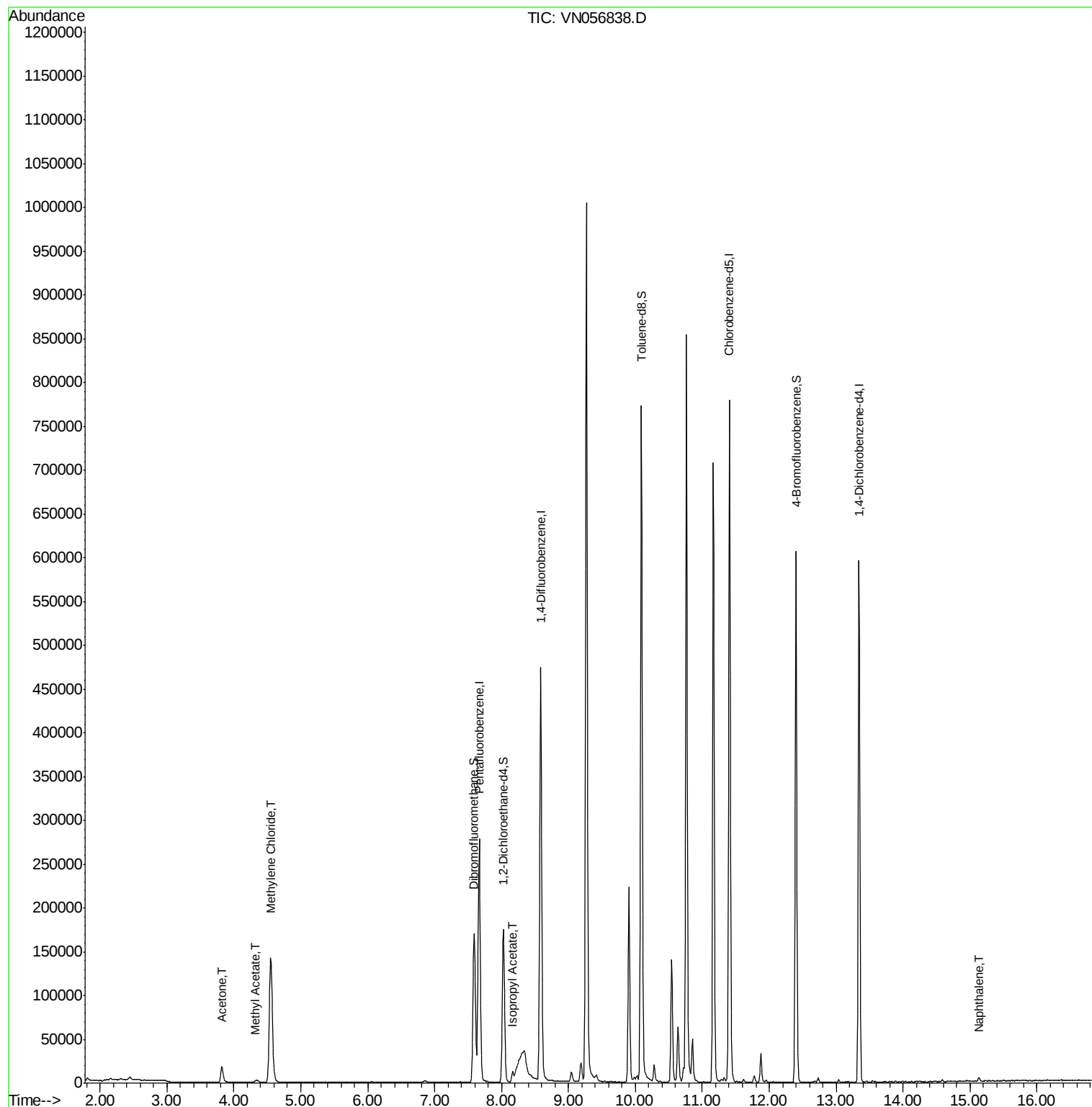
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	247698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	453115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	148950	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	7.59	113	134942	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.09	98	580718	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.40	95	212836	57.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.90%	
Target Compounds						
16) Acetone	3.82	43	31346	24.826	ug/l	100
18) Methyl Acetate	4.33	43	7520	1.712	ug/l #	86
20) Methylene Chloride	4.55	84	116437	42.200	ug/l	96
43) Isopropyl Acetate	8.17	43	15095	2.323	ug/l #	91
95) Naphthalene	15.13	128	5438	5.050	ug/l #	91

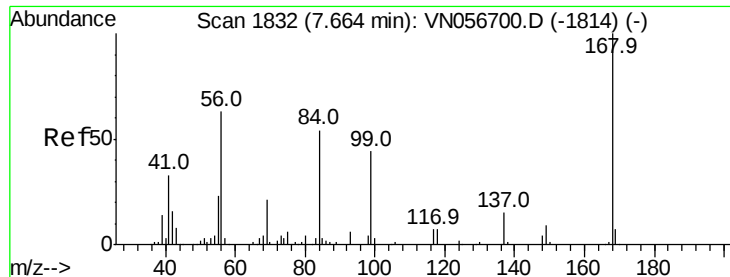
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071919\
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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: VN056838.D

Acq: 19 Jul 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

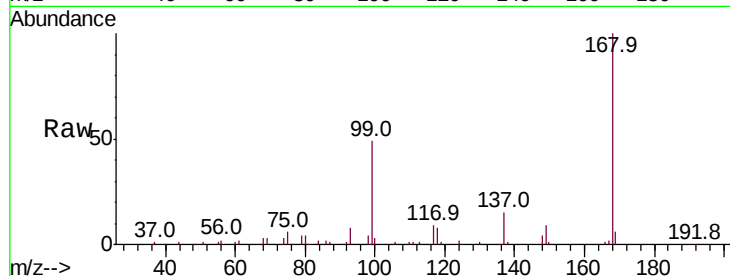
HR-06-071719-A

Tot Ion:168 Resp: 247698

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056838.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056838.D (-1739) (-)

7.67

120000

100000

80000

60000

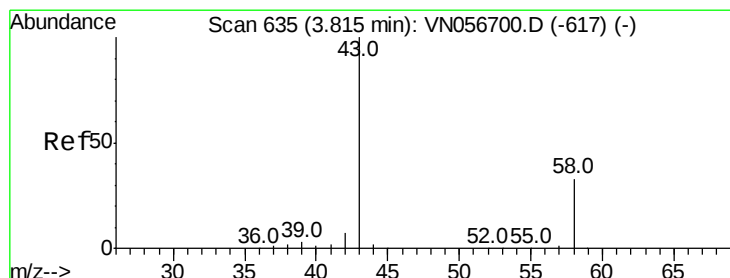
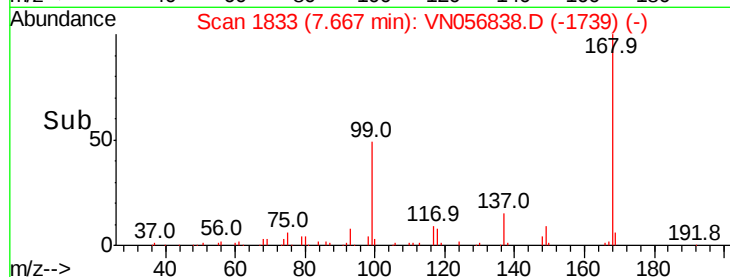
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 24.826 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056838.D

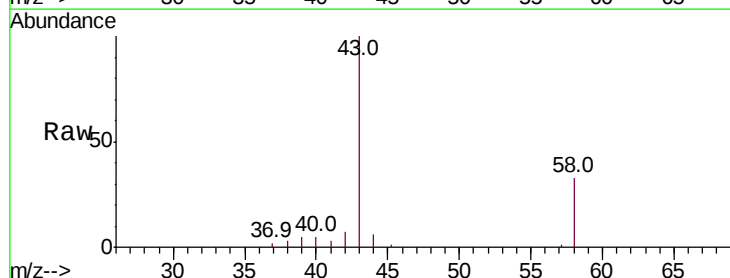
Acq: 19 Jul 2019 17:37

Tgt Ion: 43 Resp: 31346

Ion Ratio Lower Upper

43 100

58 33.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056838.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN056838.D (-542) (-)

3.82

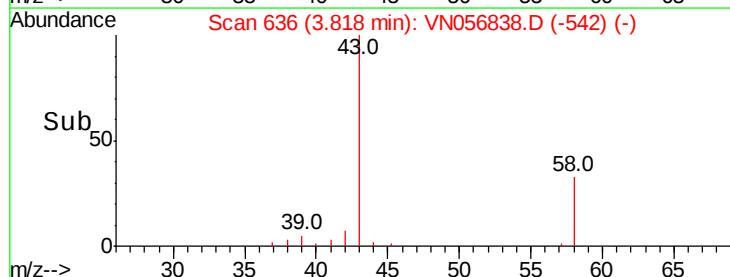
10000

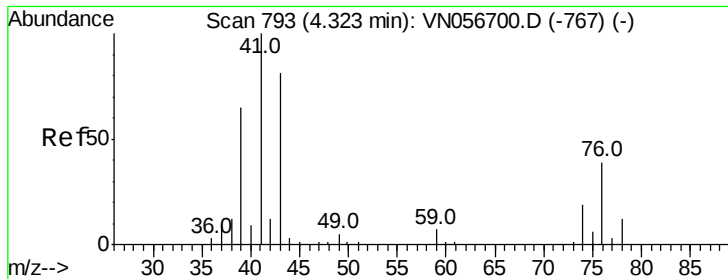
5000

0

3.70 3.80 3.90

Time-->

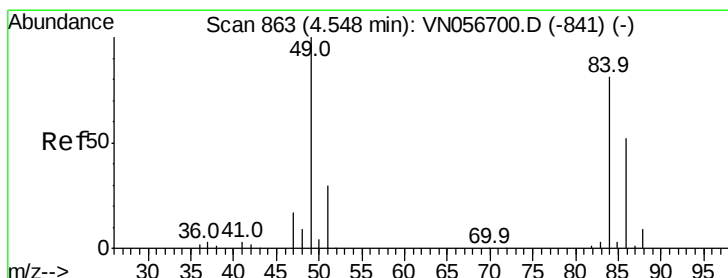
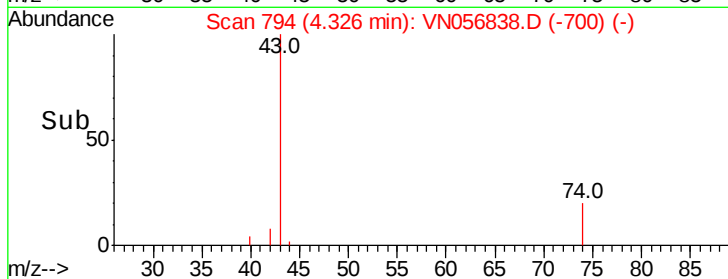
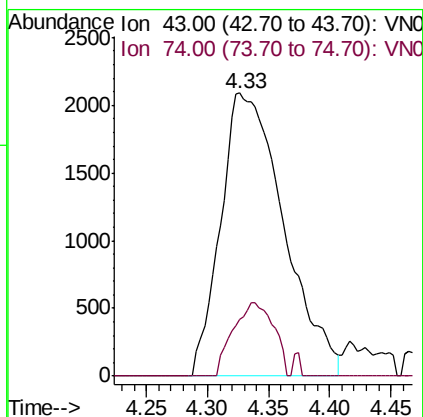
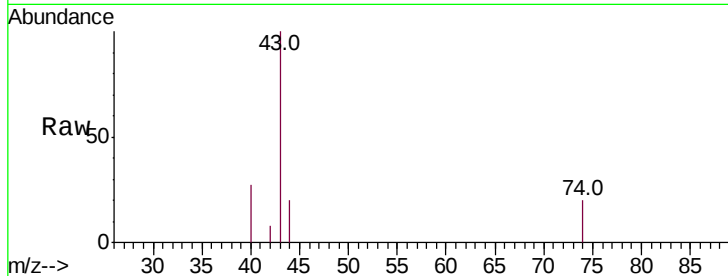




#18
Methyl Acetate
Concen: 1.712 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056838.D
Acq: 19 Jul 2019 17:37

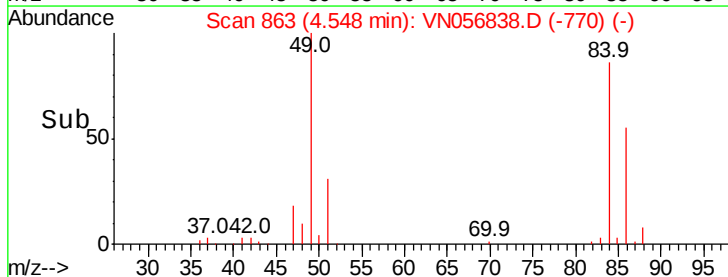
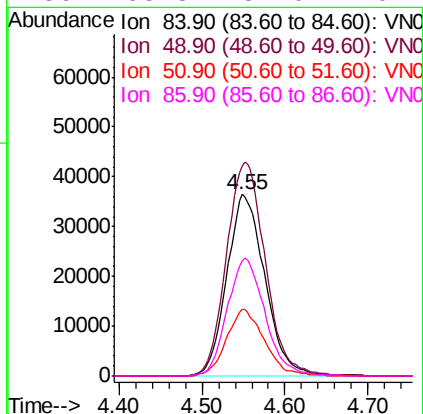
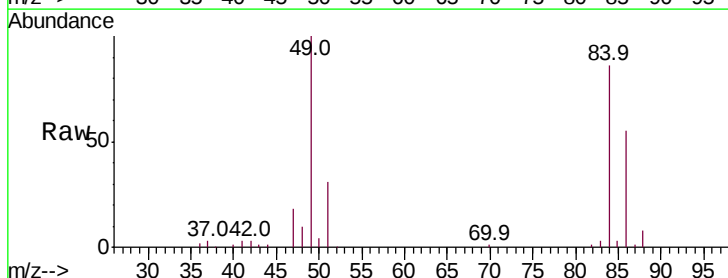
Instrument :
MSVOA_N
ClientSampleId :
HR-06-071719-A

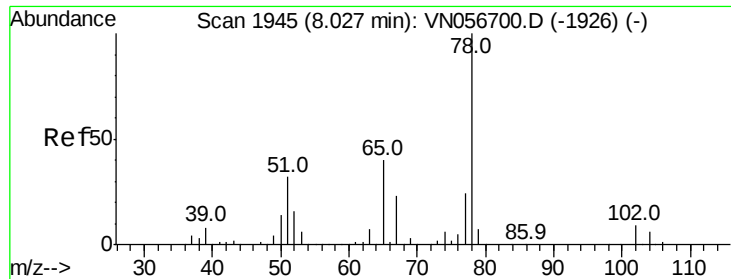
Tot Ion: 43 Resp: 7520
Ion Ratio Lower Upper
43 100
74 16.5 18.9 28.3#



#20
Methylene Chloride
Concen: 42.200 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056838.D
Acq: 19 Jul 2019 17:37

Tgt Ion: 84 Resp: 116437
Ion Ratio Lower Upper
84 100
49 115.8 98.2 147.4
51 36.4 29.6 44.4
86 63.8 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 54.364 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056838.D

Acq: 19 Jul 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

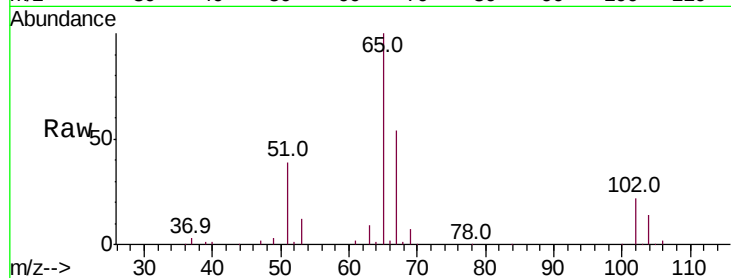
HR-06-071719-A

Tot Ion: 65 Resp: 148950

Ion Ratio Lower Upper

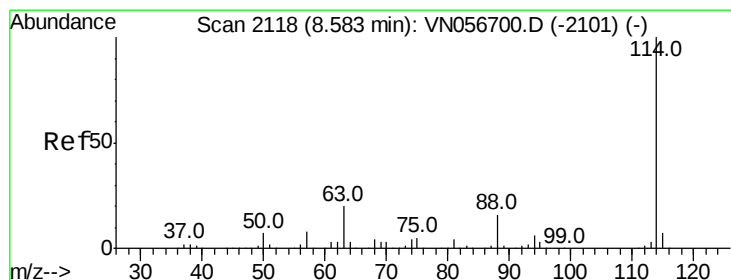
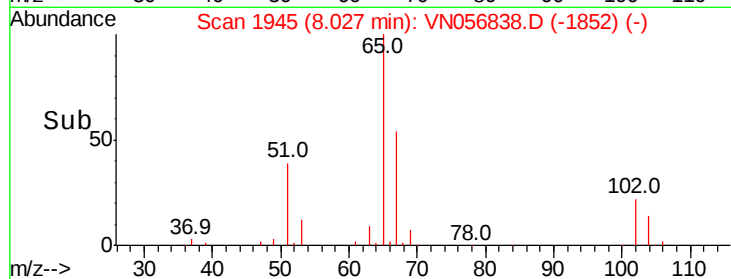
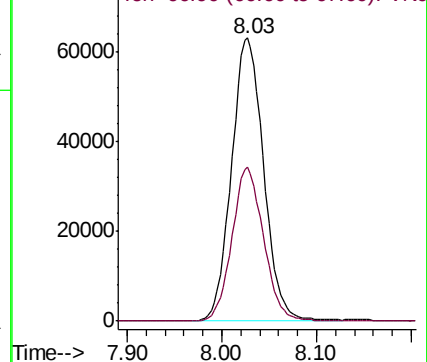
65 100

67 53.5 0.0 109.0



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: VN056838.D

Acq: 19 Jul 2019 17:37

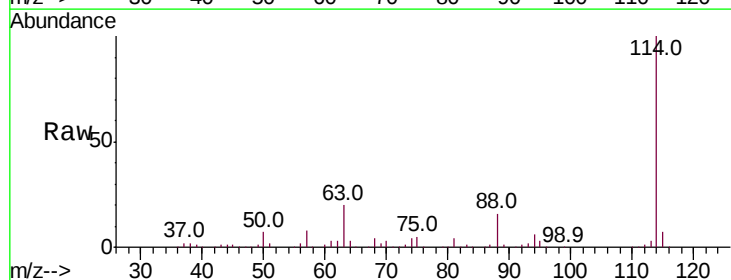
Tgt Ion: 114 Resp: 453115

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

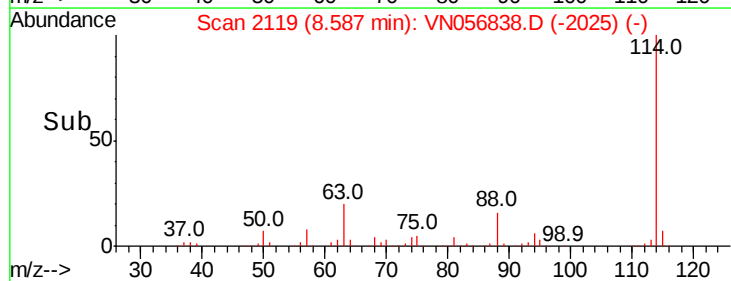
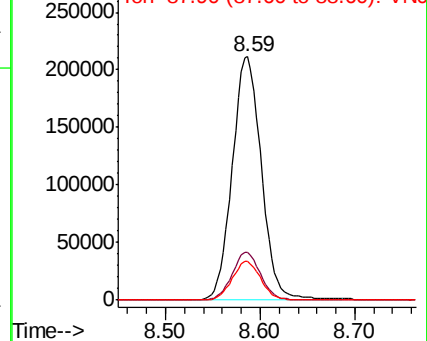
88 16.0 0.0 31.2

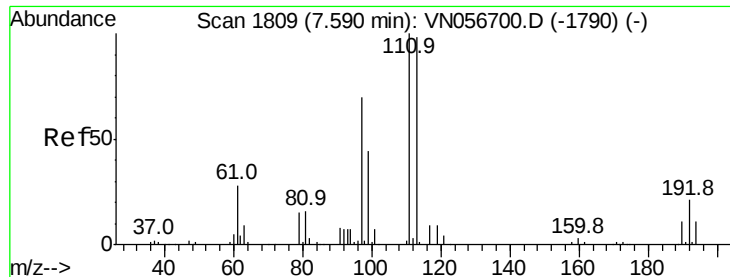


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 47.855 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056838.D

Acq: 19 Jul 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

HR-06-071719-A

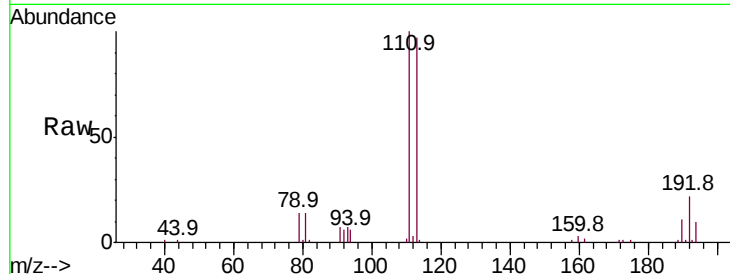
Tot Ion:113 Resp: 134942

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

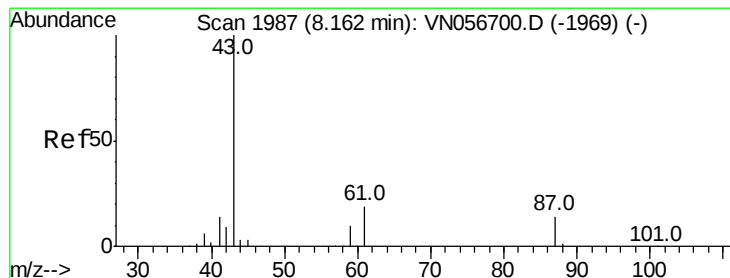
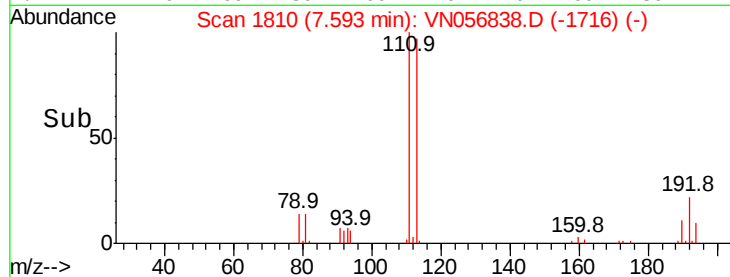
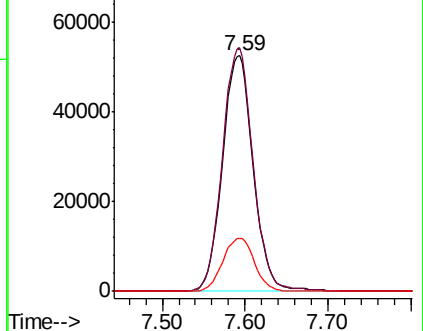
192 23.0 17.5 26.3



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: 2.323 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056838.D

Acq: 19 Jul 2019 17:37

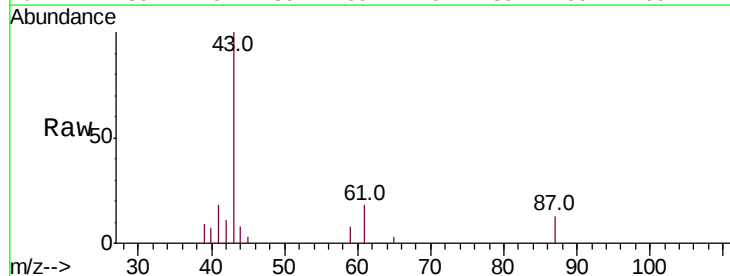
Tgt Ion: 43 Resp: 15095

Ion Ratio Lower Upper

43 100

61 21.2 22.3 33.5#

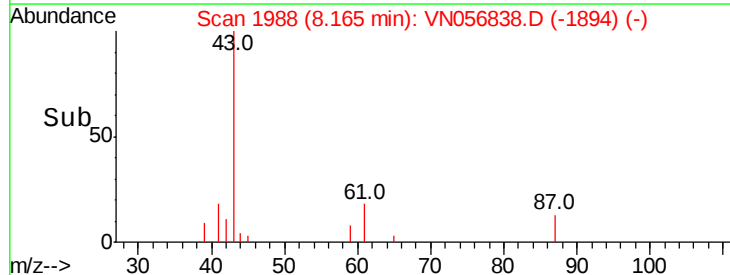
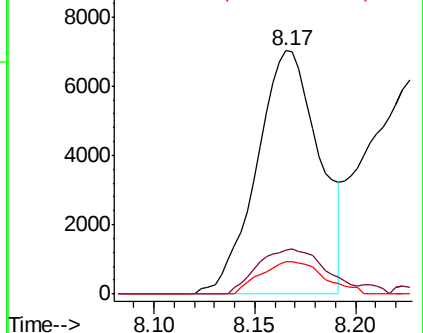
87 13.6 11.1 16.7

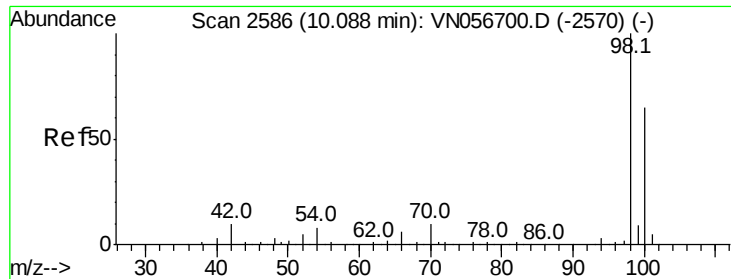


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 53.322 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056838.D

Acq: 19 Jul 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

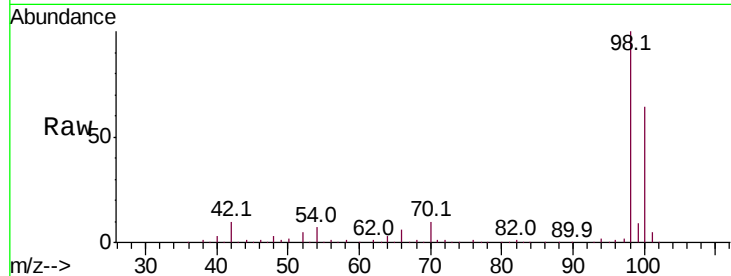
HR-06-071719-A

Tot Ion: 98 Resp: 580718

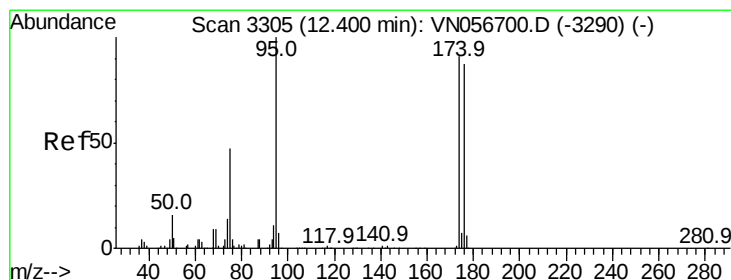
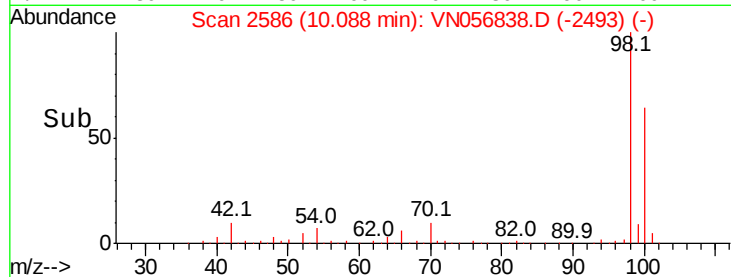
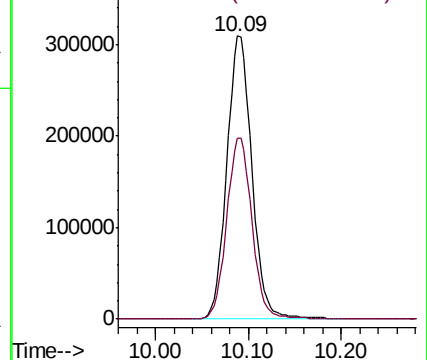
Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 57.950 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056838.D

Acq: 19 Jul 2019 17:37

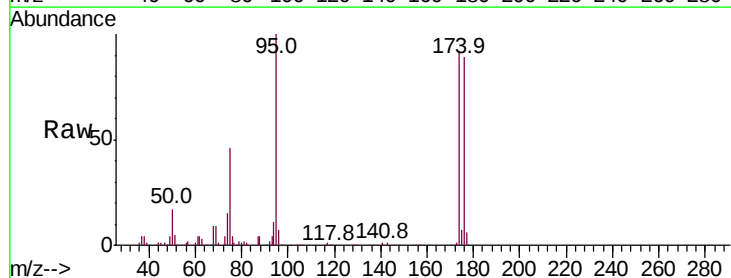
Tgt Ion: 95 Resp: 212836

Ion Ratio Lower Upper

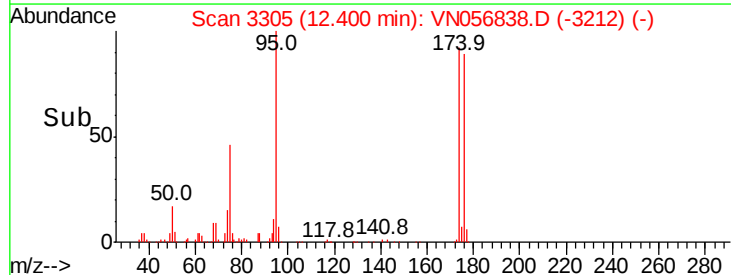
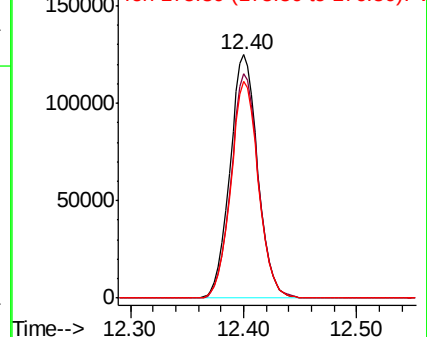
95 100

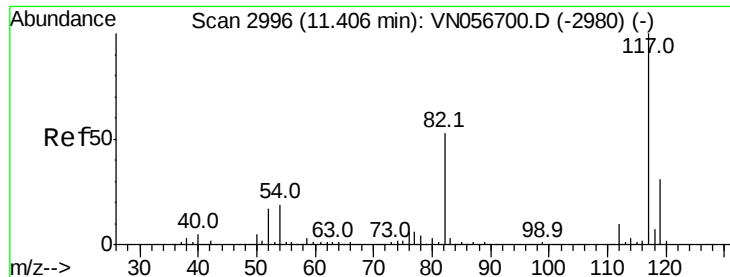
174 91.2 0.0 180.0

176 88.3 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

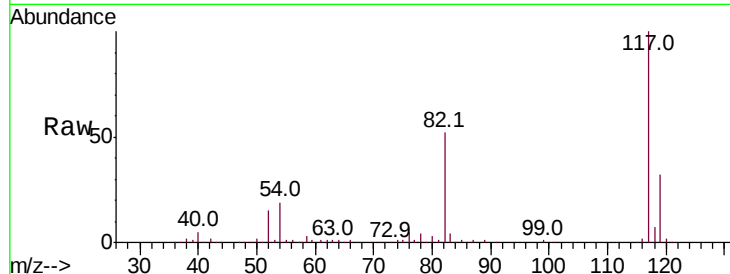




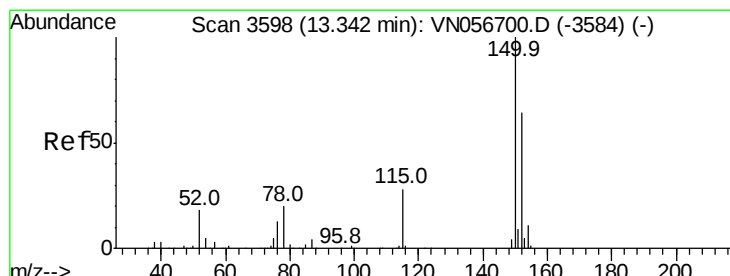
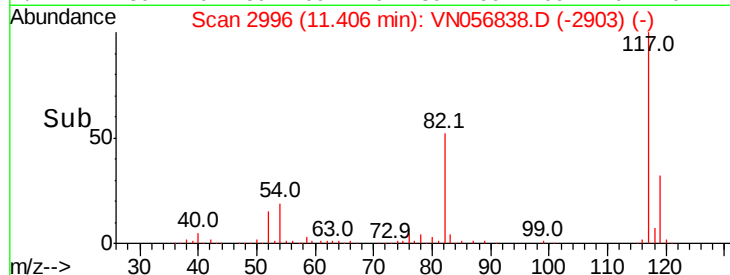
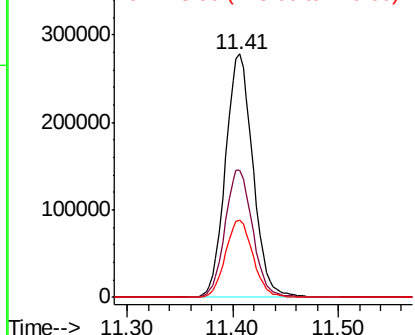
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056838.D
Acq: 19 Jul 2019 17:37

Instrument :
MSVOA_N
ClientSampleId :
HR-06-071719-A

Tot Ion:117 Resp: 500619
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.2
119 31.8 25.2 37.8

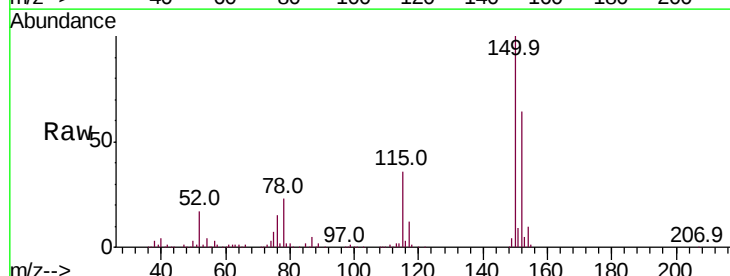


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

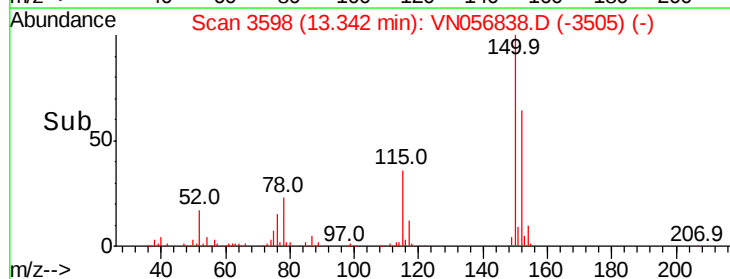
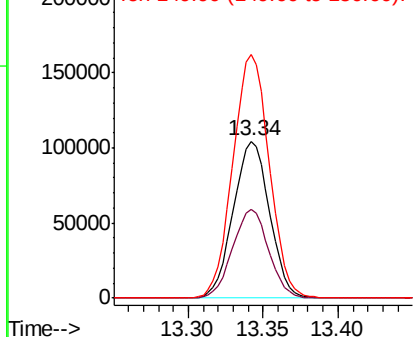


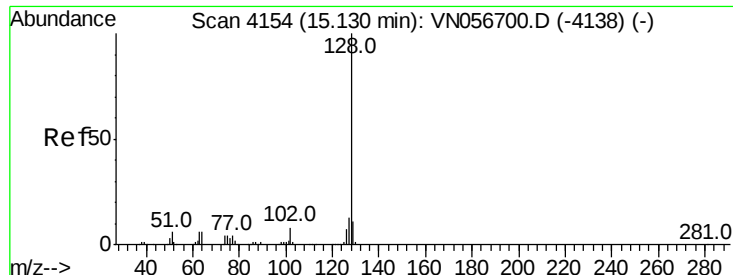
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056838.D
Acq: 19 Jul 2019 17:37

Tgt Ion:152 Resp: 176074
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.3 0.0 345.8



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: 5.050 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056838.D

Acq: 19 Jul 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

HR-06-071719-A

Tot Ion:128 Resp: 5438

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 5.1 8.7 13.1#

