

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032519\
 Data File : VN054664.D
 Acq On : 25 Mar 2019 11:29
 Operator : JC/SP
 Sample : K2050-01
 Misc : 2.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-5

Quant Time: Mar 26 02:19:35 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

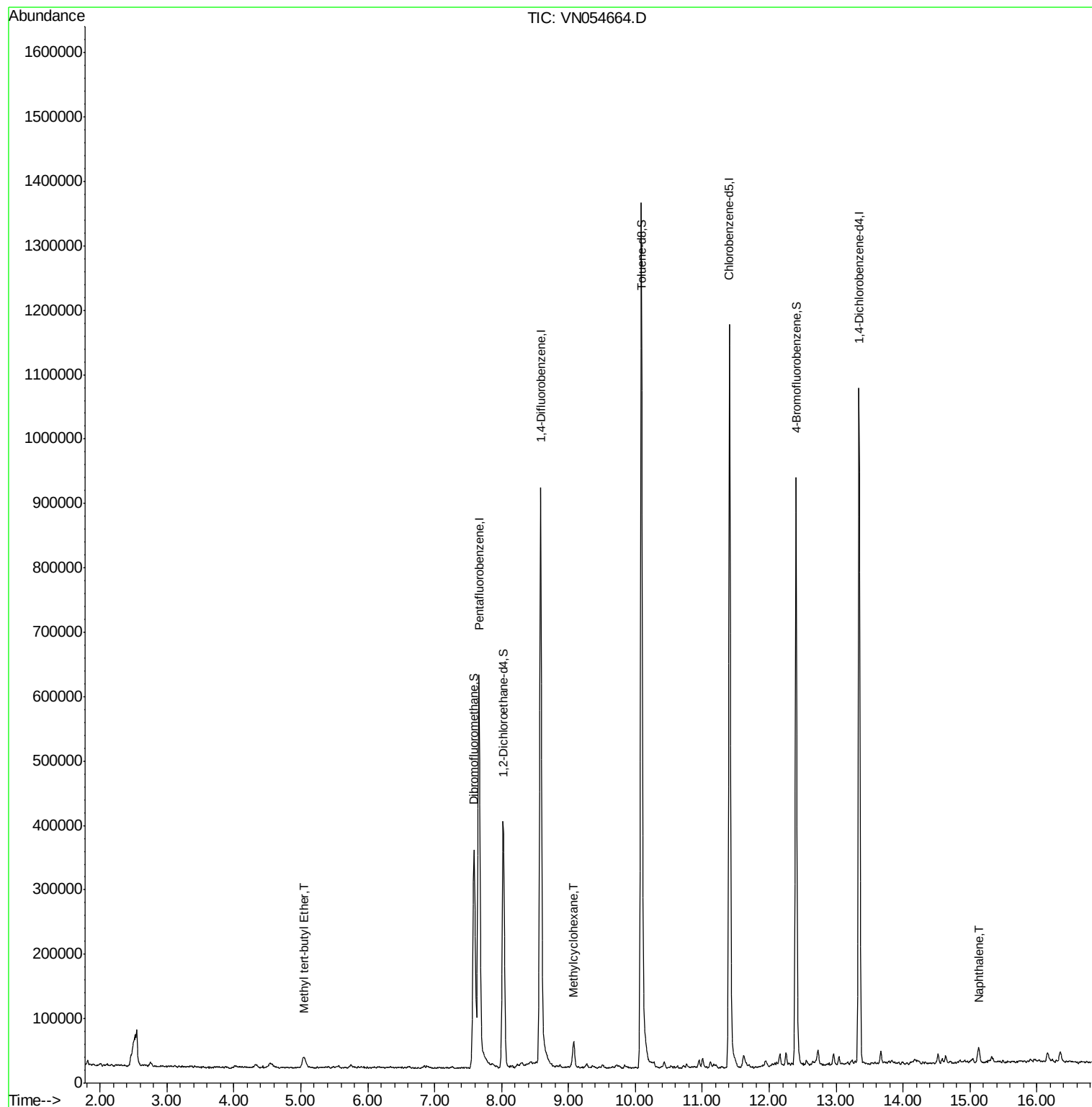
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	517875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	831287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	699937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	329978	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	257736	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.09	98	989218	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	317590	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
19) Methyl tert-butyl Ether	5.05	73	23083	1.583	ug/l #	75
39) Methylcyclohexane	9.08	83	17375	1.954	ug/l #	87
95) Naphthalene	15.13	128	18701	1.883	ug/l	97

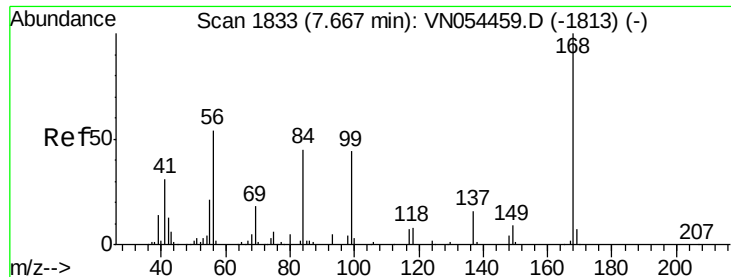
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054664.D

Acq: 25 Mar 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

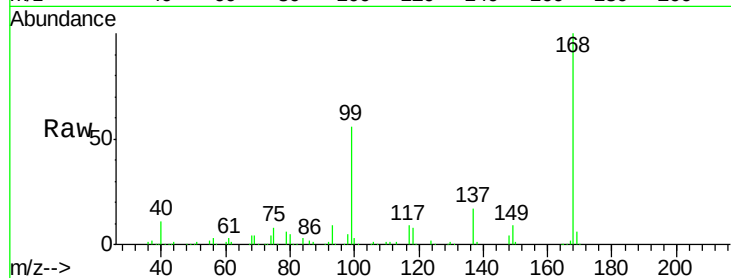
CS-5

Tot Ion:168 Resp: 517875

Ion Ratio Lower Upper

168 100

99 56.3 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

150000

100000

50000

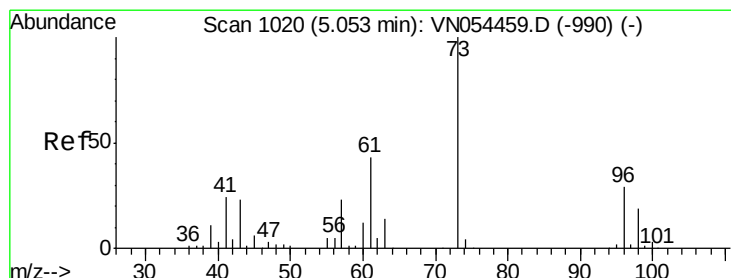
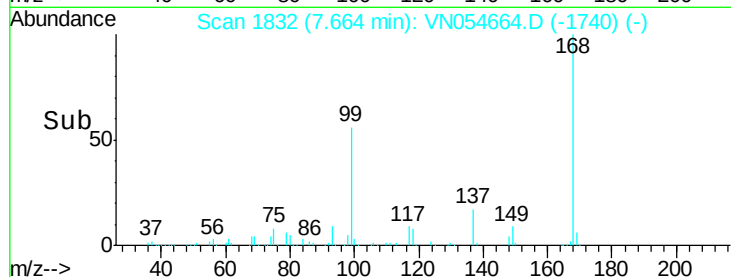
0

Time-->

7.60

7.70

7.80



#19

Methyl tert-butyl Ether

Concen: 1.583 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VN054664.D

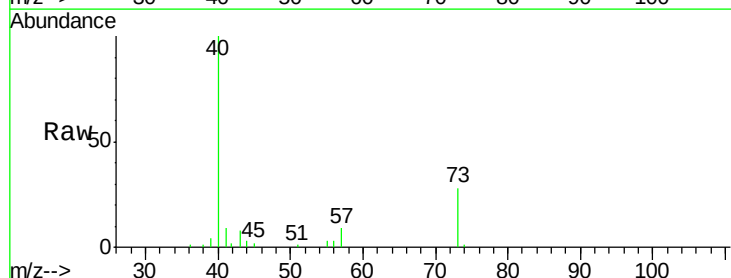
Acq: 25 Mar 2019 11:29

Tgt Ion: 73 Resp: 23083

Ion Ratio Lower Upper

73 100

57 32.5 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

6000

4000

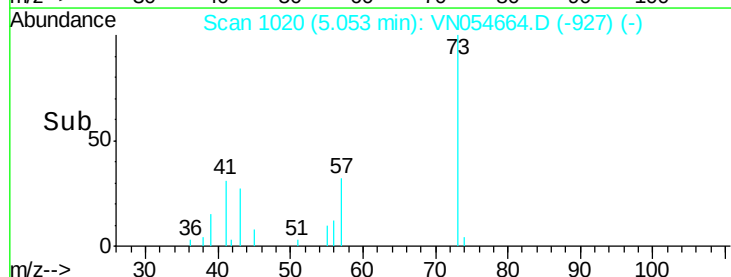
2000

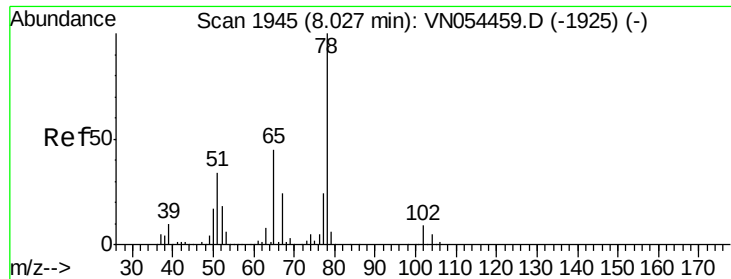
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Time-->

5.00

5.10

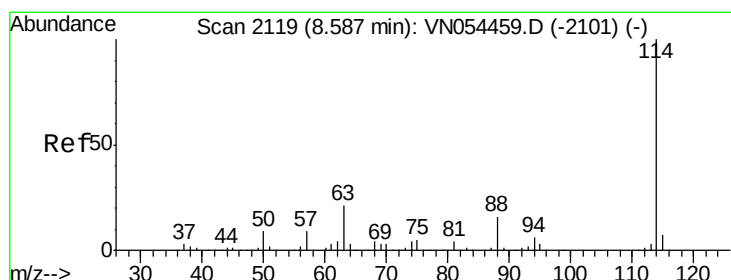
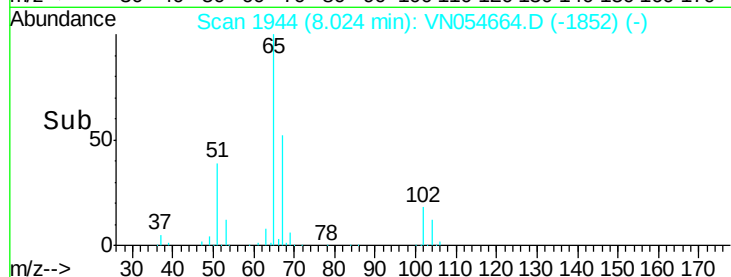
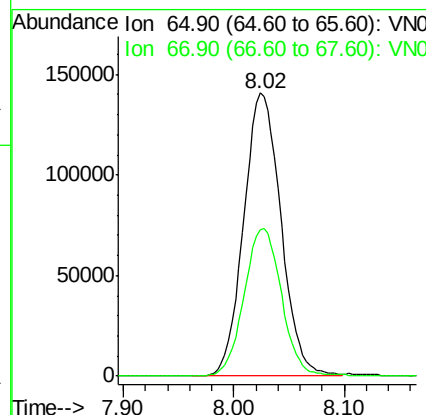
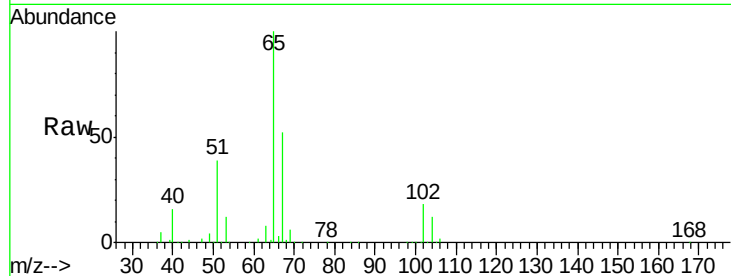




#33
 1,2-Dichloroethane-d4
 Concen: 51.227 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN054664.D
 Acq: 25 Mar 2019 11:29

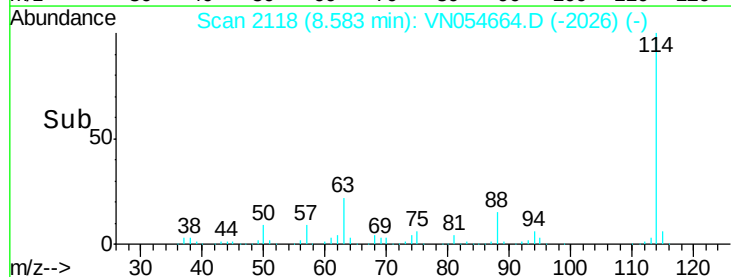
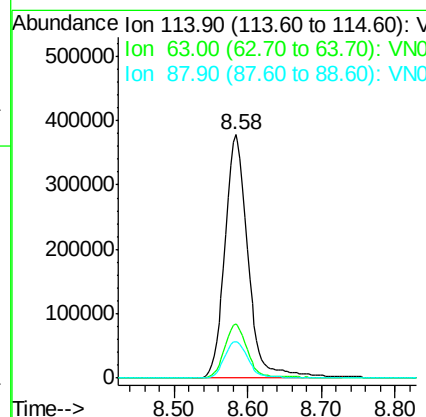
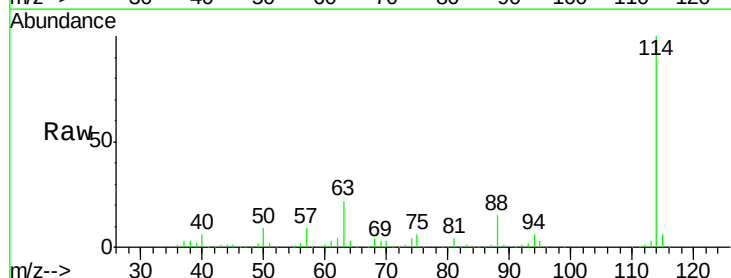
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-5

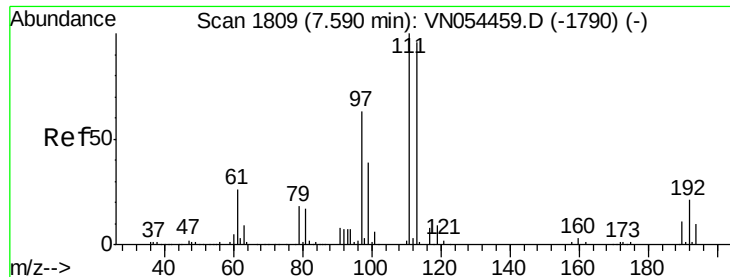
Tot Ion: 65 Resp: 329978
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN054664.D
 Acq: 25 Mar 2019 11:29

Tgt Ion: 114 Resp: 831287
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.125 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054664.D

Acq: 25 Mar 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

CS-5

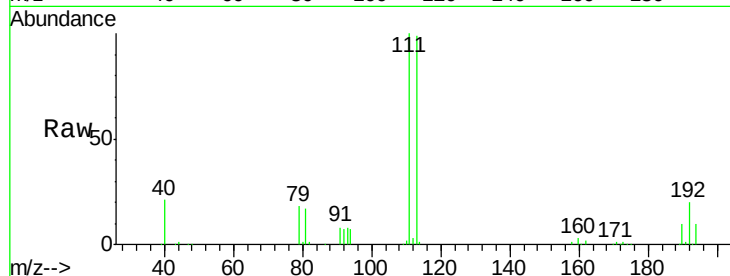
Tot Ion:113 Resp: 257736

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

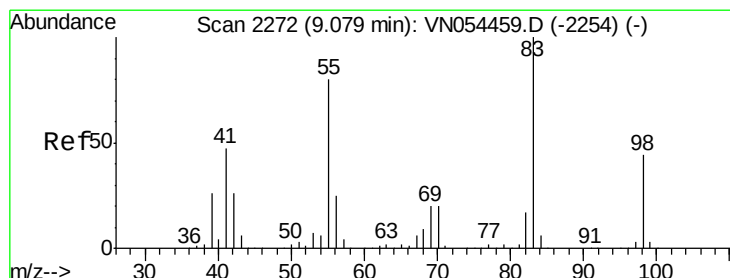
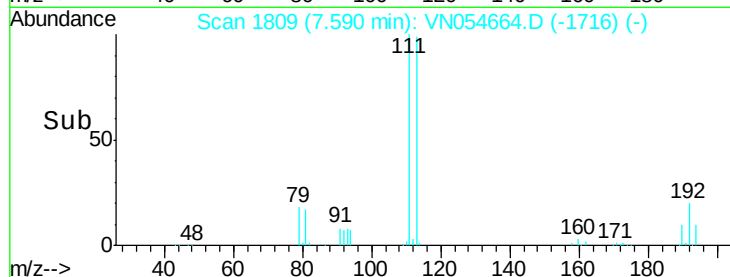
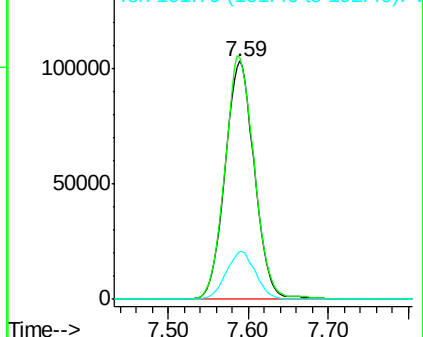
192 20.2 19.2 28.8



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



#39

Methylcyclohexane

Concen: 1.954 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN054664.D

Acq: 25 Mar 2019 11:29

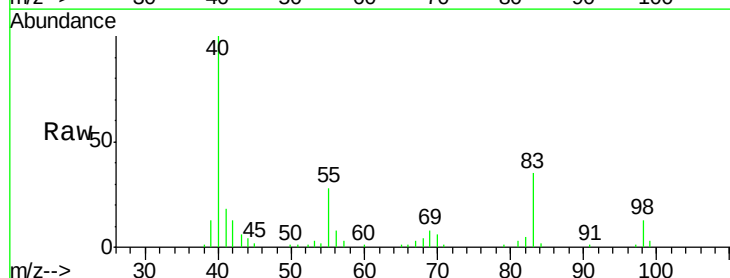
Tgt Ion: 83 Resp: 17375

Ion Ratio Lower Upper

83 100

55 80.3 56.6 84.8

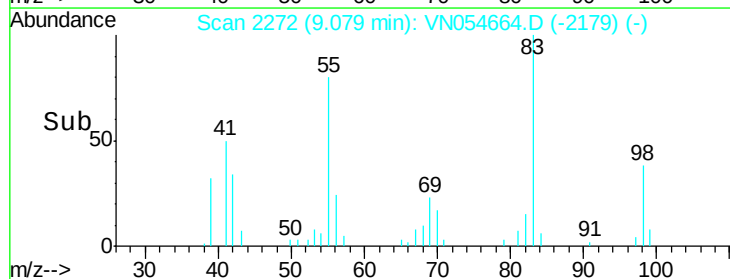
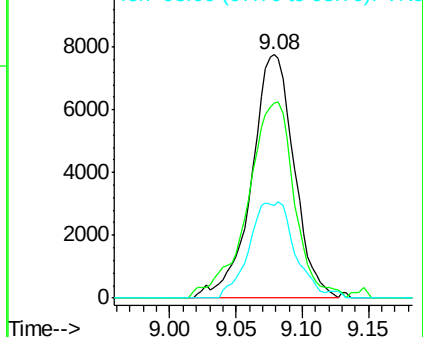
98 38.2 38.4 57.6#

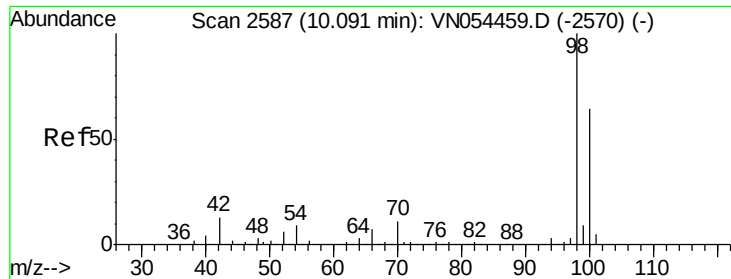


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

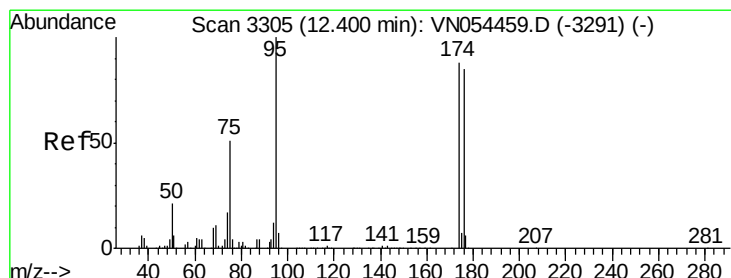
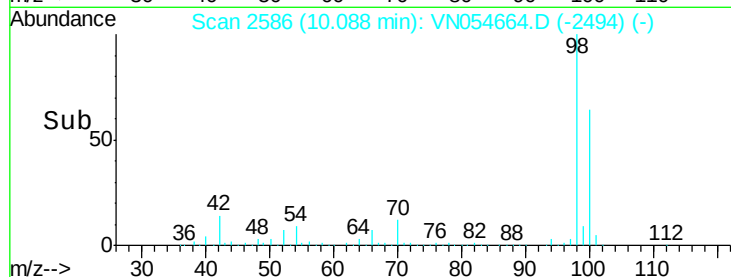
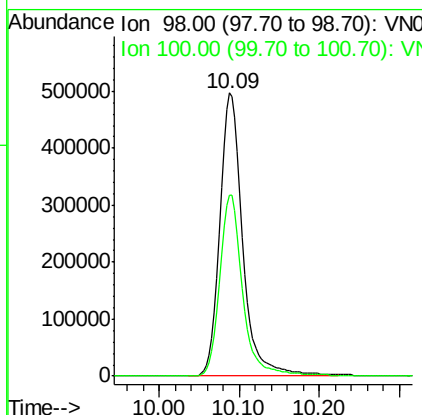
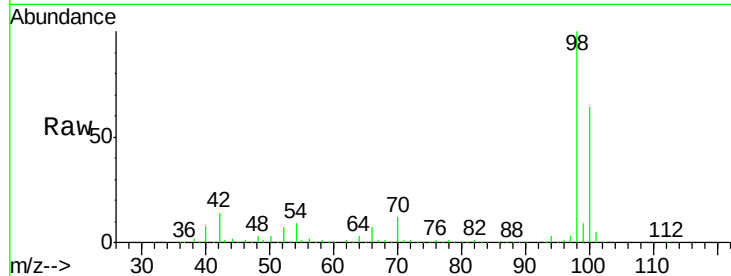




#50
Toluene-d8
Concen: 49.133 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054664.D
Acq: 25 Mar 2019 11:29

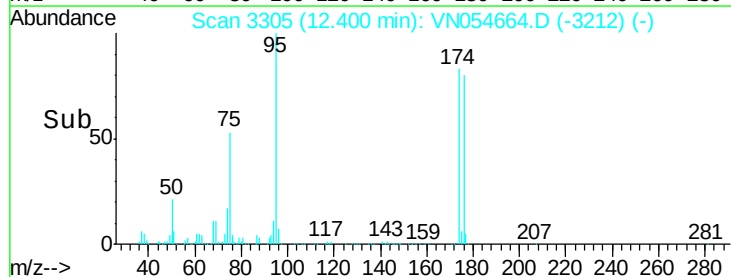
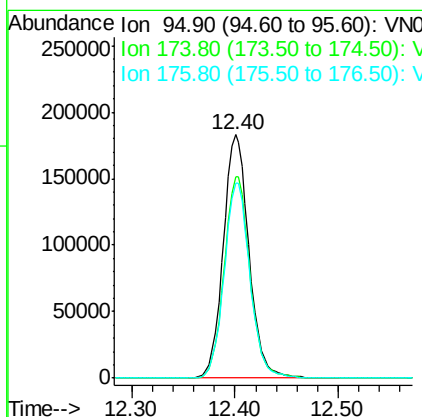
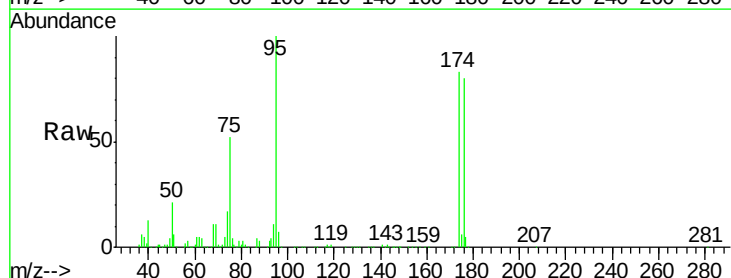
Instrument :
MSVOA_N
ClientSampled :
CS-5

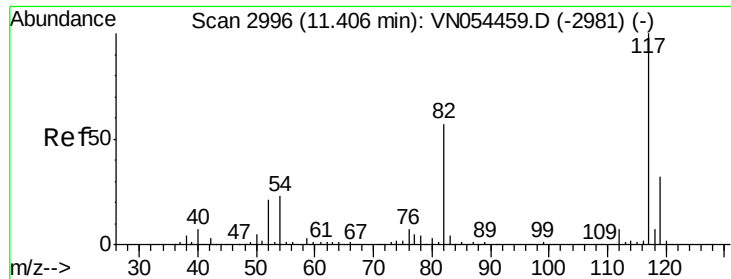
Tot Ion: 98 Resp: 989218
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 46.356 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054664.D
Acq: 25 Mar 2019 11:29

Tgt Ion: 95 Resp: 317590
Ion Ratio Lower Upper
95 100
174 83.0 0.0 191.0
176 80.3 0.0 187.4

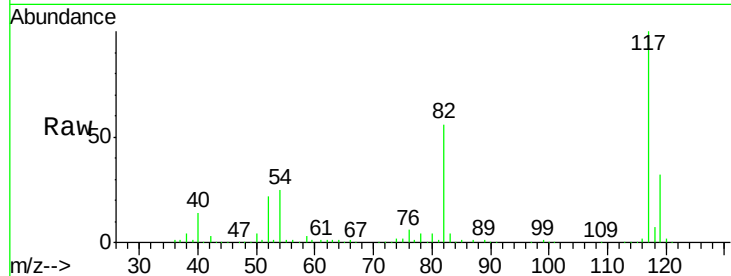




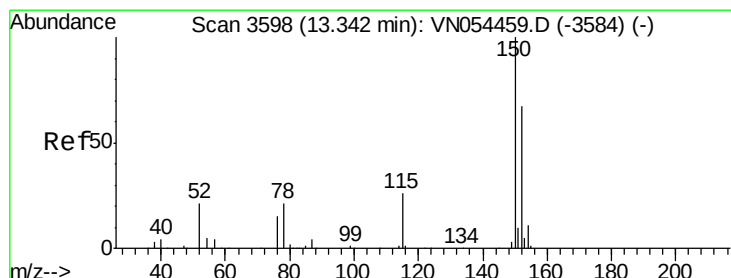
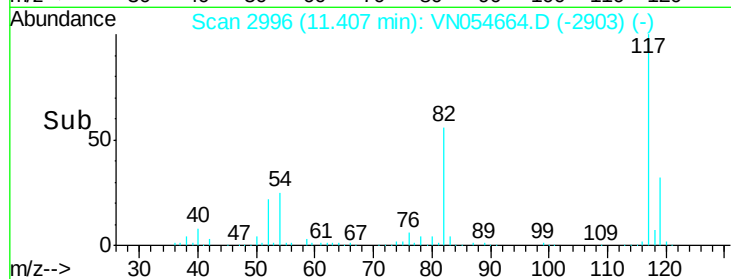
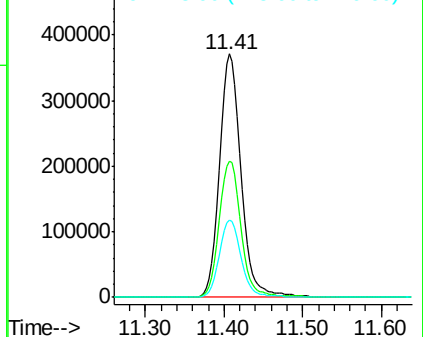
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054664.D
Acq: 25 Mar 2019 11:29

Instrument :
MSVOA_N
ClientSampled :
CS-5

Tot Ion:117 Resp: 699937
Ion Ratio Lower Upper
117 100
82 56.1 40.0 60.0
119 31.9 25.8 38.6

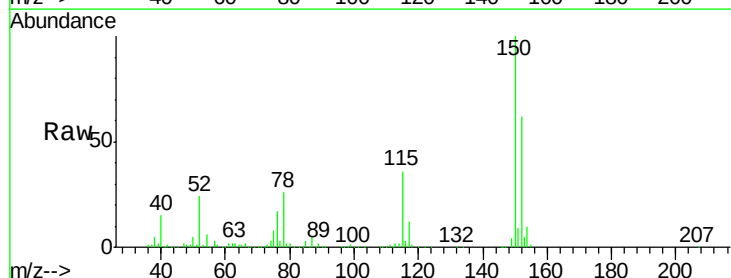


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

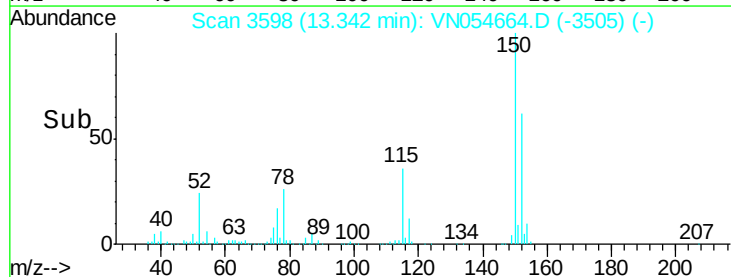
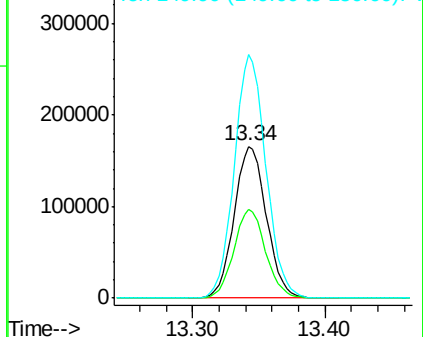


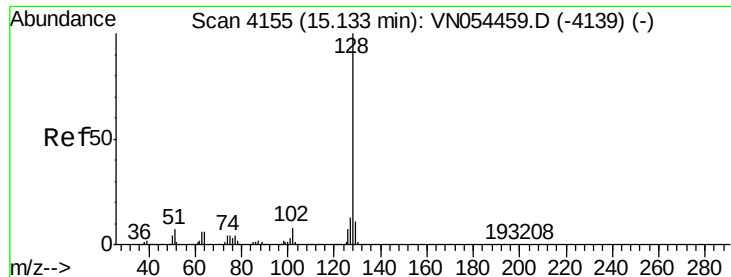
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054664.D
Acq: 25 Mar 2019 11:29

Tgt Ion:152 Resp: 278399
Ion Ratio Lower Upper
152 100
115 57.6 27.2 81.6
150 158.4 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: 1.883 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054664.D

Acq: 25 Mar 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

CS-5

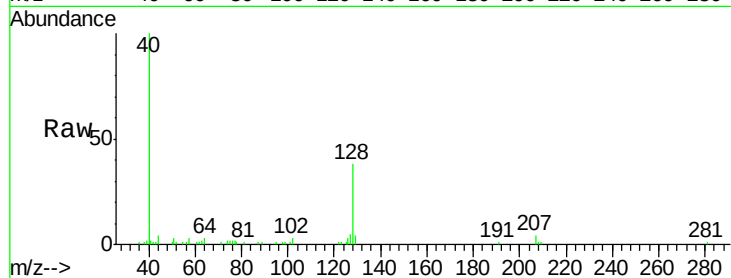
Tot Ion:128 Resp: 18701

Ion Ratio Lower Upper

128 100

127 14.5 10.1 15.1

129 11.4 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

