

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055505.D
 Acq On : 9 May 2019 18:34
 Operator : JC/SP
 Sample : K2754-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-1

Quant Time: May 10 04:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

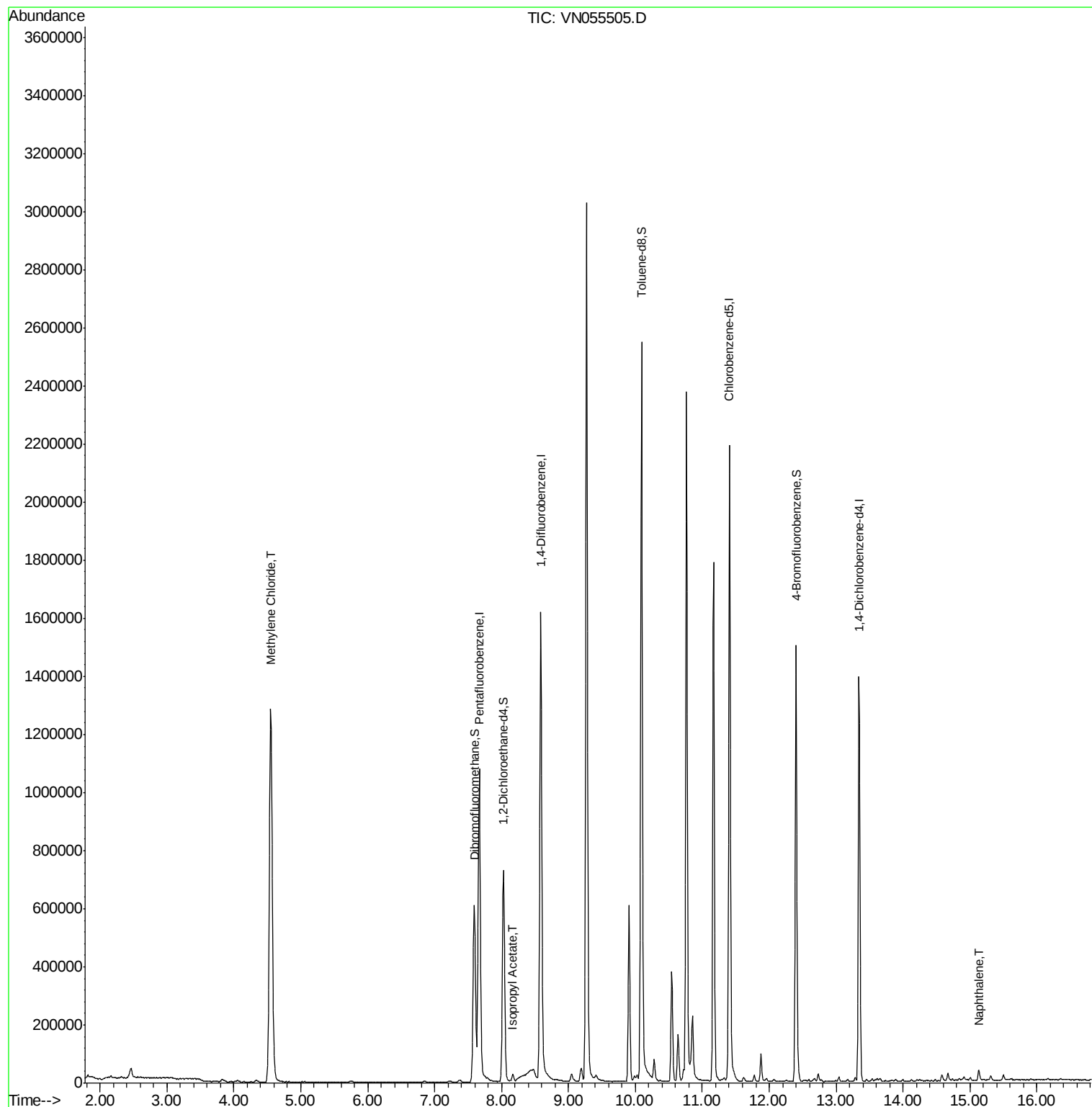
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	911701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1526150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1279024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	379170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	625447	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	7.59	113	480633	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.09	98	1869202	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.40	95	545652	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
Target Compounds						
20) Methylene Chloride	4.55	84	940081	72.330	ug/l	98
43) Isopropyl Acetate	8.17	43	30015	1.205	ug/l	95
95) Naphthalene	15.13	128	29701	4.705	ug/l	98

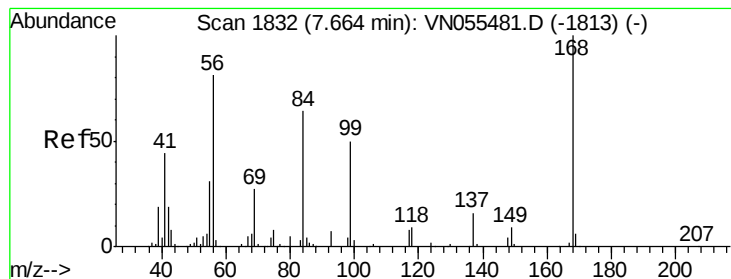
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055505.D
Acq On : 9 May 2019 18:34
Operator : JC/SP
Sample : K2754-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
C-1

Quant Time: May 10 04:52:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 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: VN055505.D

Acq: 9 May 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

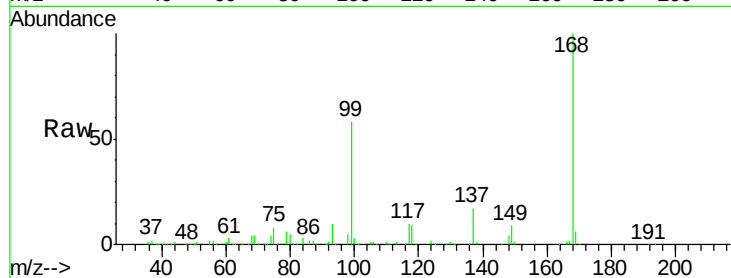
C-1

Tot Ion:168 Resp: 911701

Ion Ratio Lower Upper

168 100

99 57.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

7.67

400000

300000

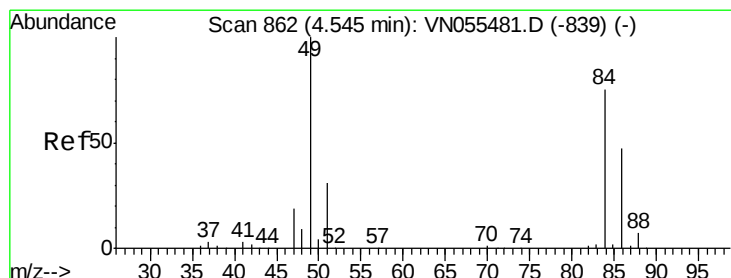
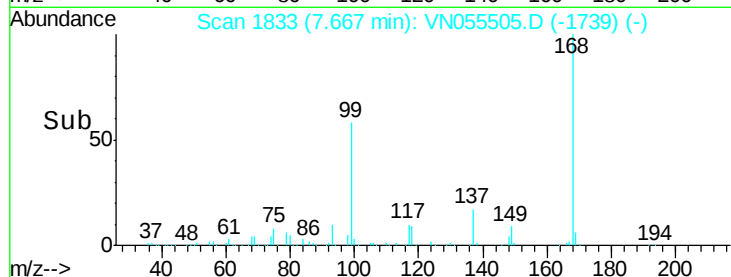
200000

100000

0

7.50 7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 72.330 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055505.D

Acq: 9 May 2019 18:34

Tgt Ion: 84 Resp: 940081

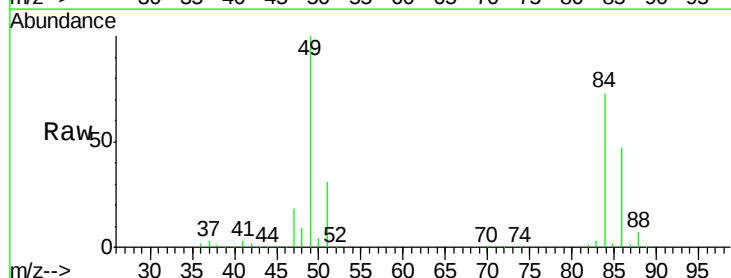
Ion Ratio Lower Upper

84 100

49 136.8 107.0 160.6

51 42.0 33.0 49.4

86 63.9 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

600000

500000

400000

300000

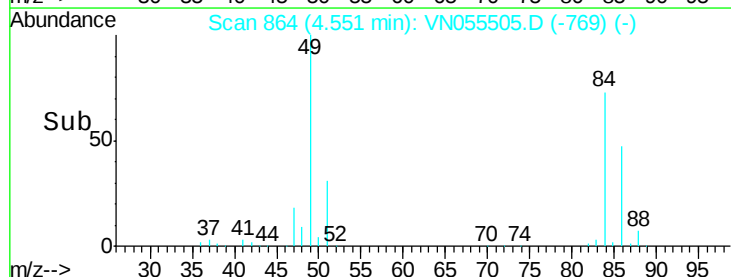
200000

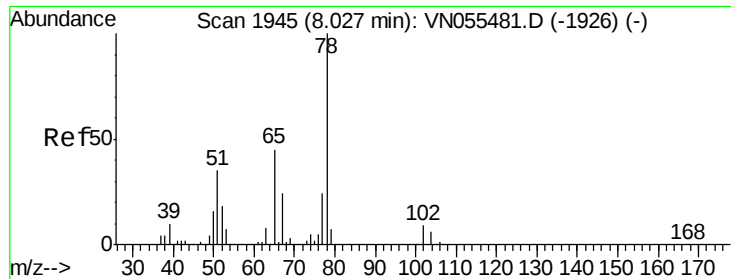
100000

0

4.40 4.50 4.60 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.563 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055505.D

Acq: 9 May 2019 18:34

Instrument :

MSVOA_N

ClientSampleId :

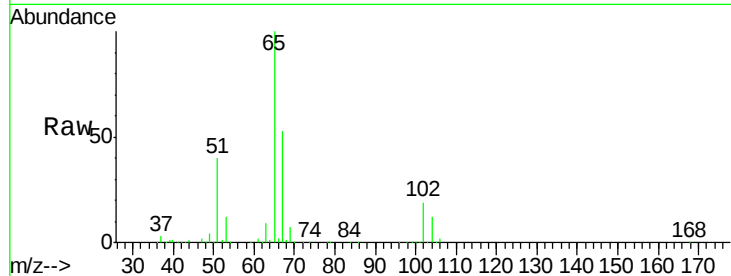
C-1

Tot Ion: 65 Resp: 625447

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055505.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055505.D (-1852) (-)

8.03

250000

200000

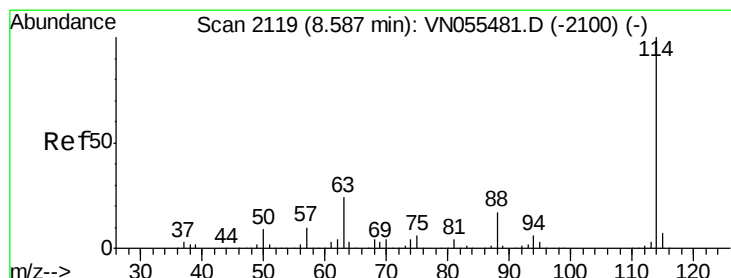
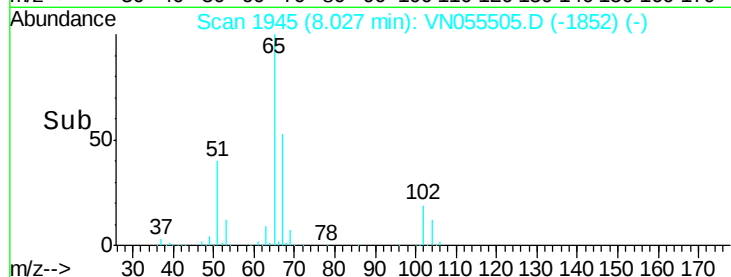
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055505.D

Acq: 9 May 2019 18:34

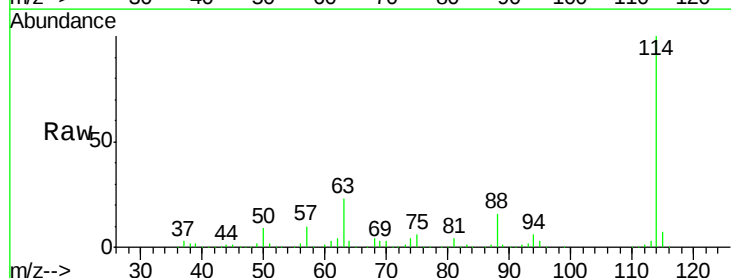
Tgt Ion: 114 Resp: 1526150

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.4

88 16.4 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN055505.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055505.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055505.D (-2026) (-)

8.59

800000

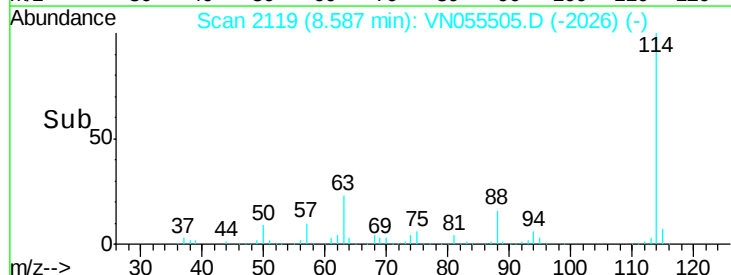
600000

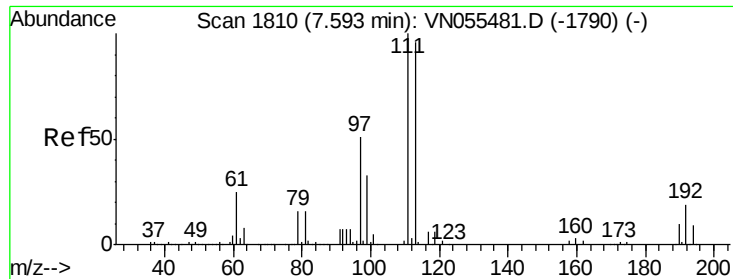
400000

200000

0

Time-->

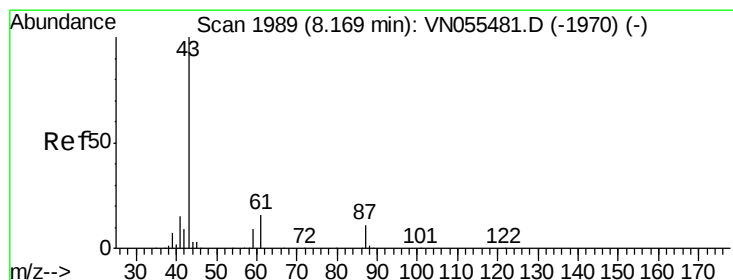
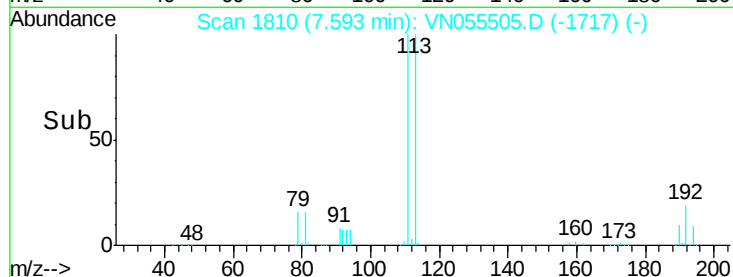
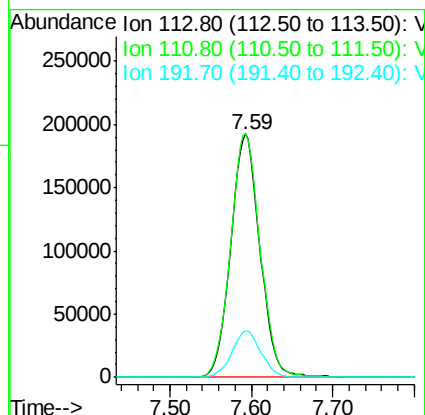
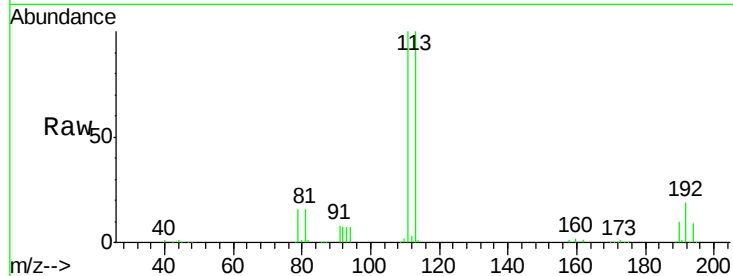




#35
 Dibromofluoromethane
 Concen: 48.821 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055505.D
 Acq: 9 May 2019 18:34

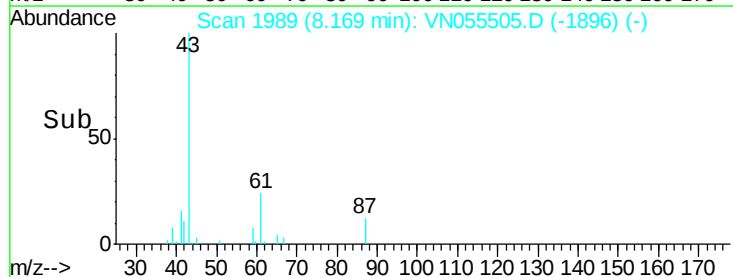
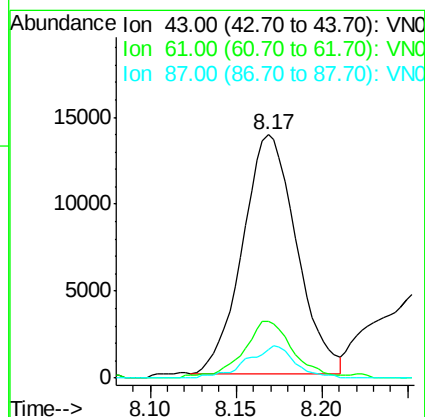
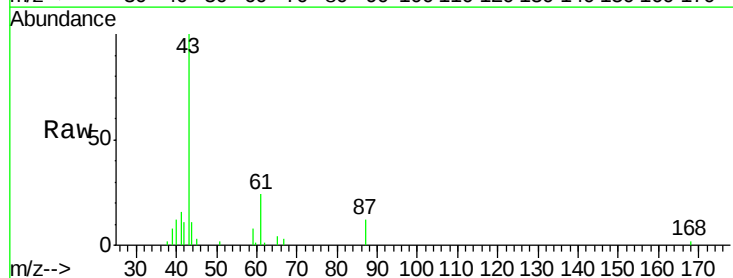
Instrument :
 MSVOA_N
 ClientSampled :
 C-1

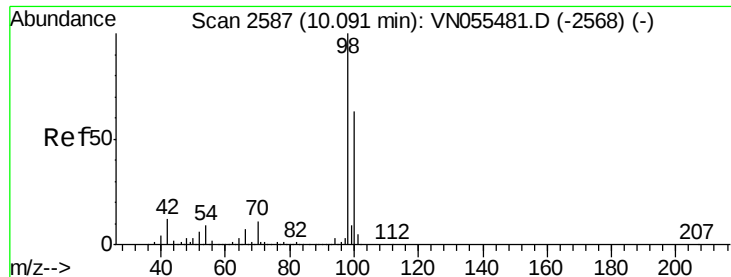
Tot Ion:113 Resp: 480633
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 19.1 15.6 23.4



#43
 Isopropyl Acetate
 Concen: 1.205 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN055505.D
 Acq: 9 May 2019 18:34

Tgt Ion: 43 Resp: 30015
 Ion Ratio Lower Upper
 43 100
 61 22.0 15.1 22.7
 87 11.9 9.0 13.6





#50

Toluene-d8

Concen: 48.722 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055505.D

Acq: 9 May 2019 18:34

Instrument :

MSVOA_N

ClientSampled :

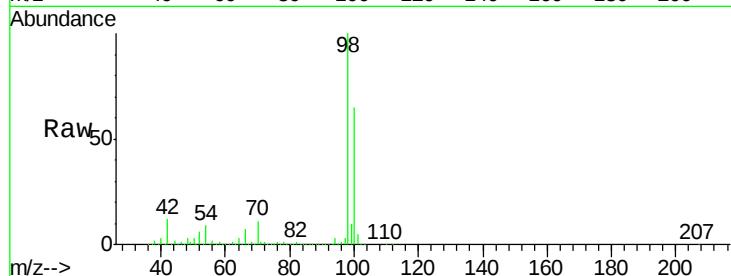
C-1

Tot Ion: 98 Resp: 1869202

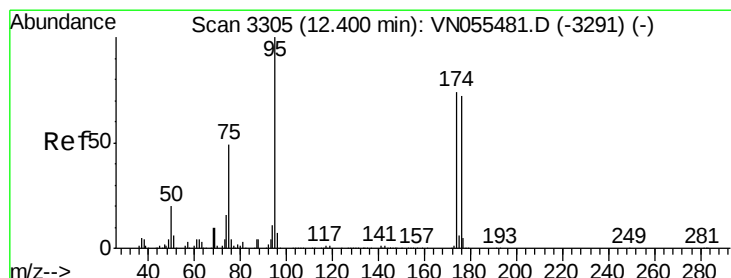
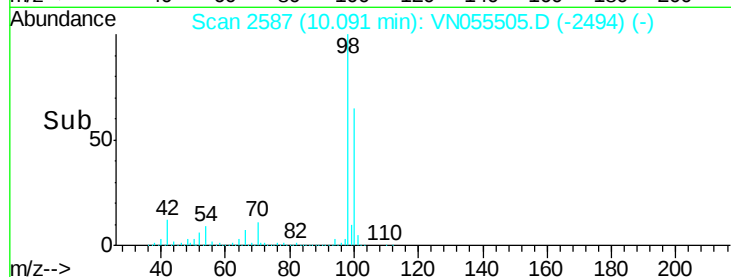
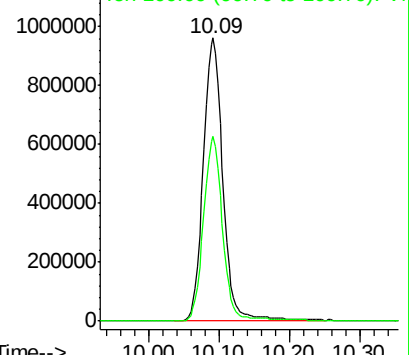
Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055505.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 42.181 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055505.D

Acq: 9 May 2019 18:34

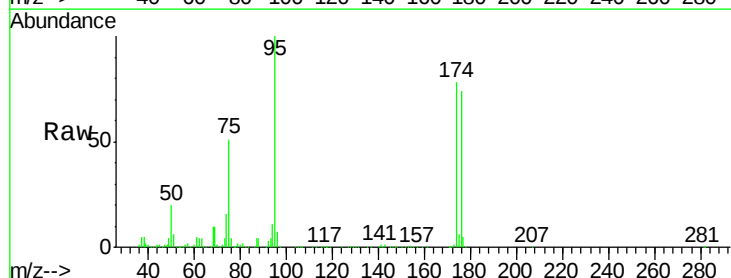
Tgt Ion: 95 Resp: 545652

Ion Ratio Lower Upper

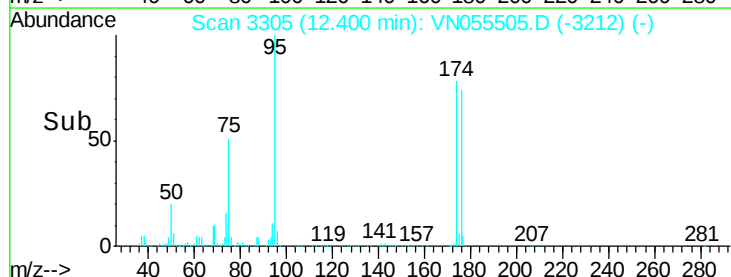
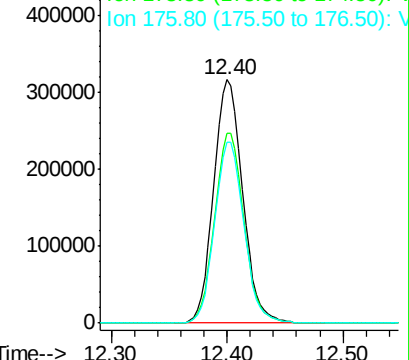
95 100

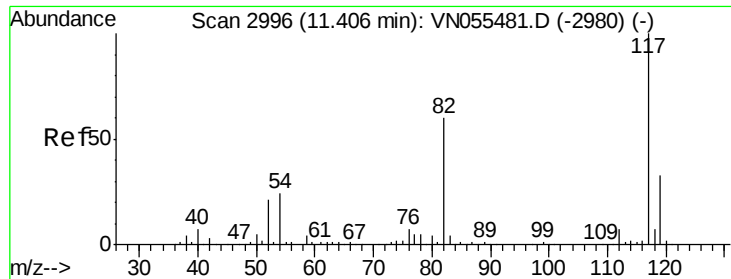
174 78.9 0.0 152.2

176 75.1 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055505.D (-3212) (-)

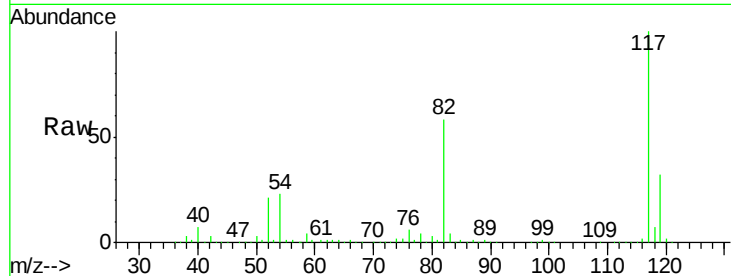




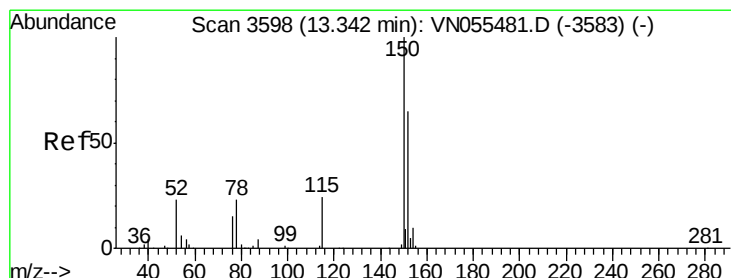
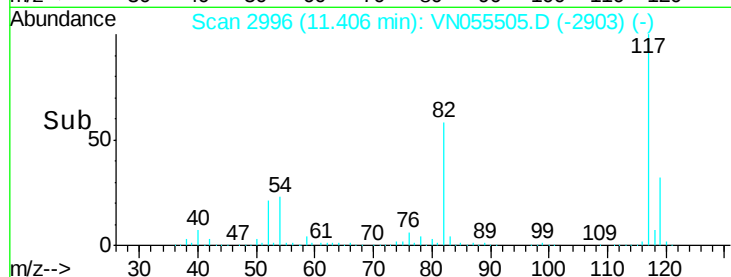
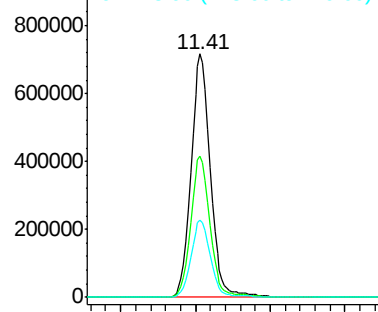
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055505.D
Acq: 9 May 2019 18:34

Instrument :
MSVOA_N
ClientSampled :
C-1

Tot Ion:117 Resp: 1279024
Ion Ratio Lower Upper
117 100
82 58.2 48.0 72.0
119 32.0 26.0 39.0

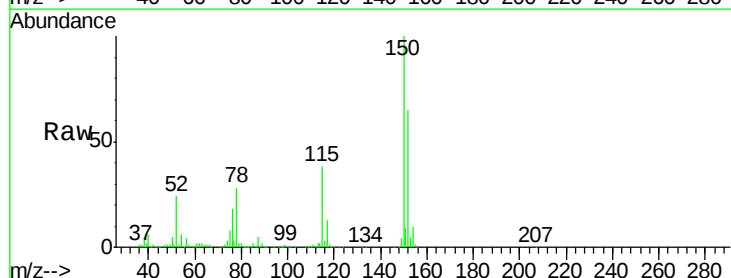


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

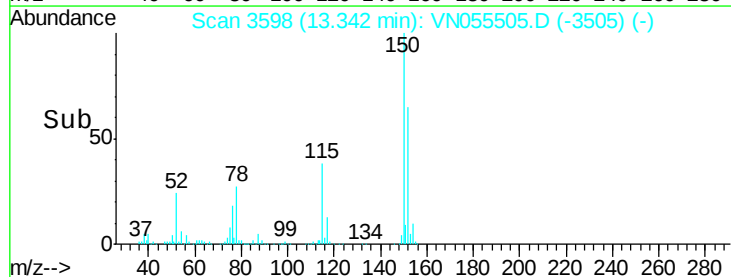
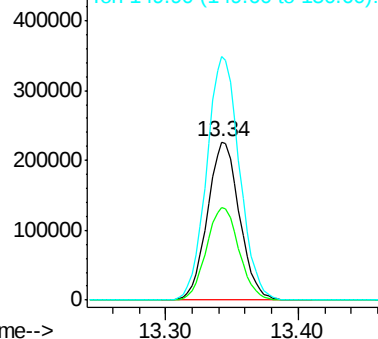


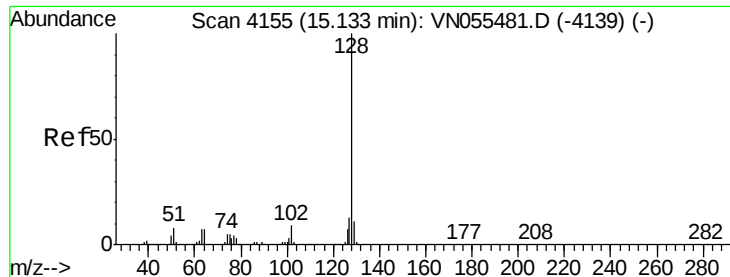
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055505.D
Acq: 9 May 2019 18:34

Tgt Ion:152 Resp: 379170
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 158.0 0.0 355.0



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

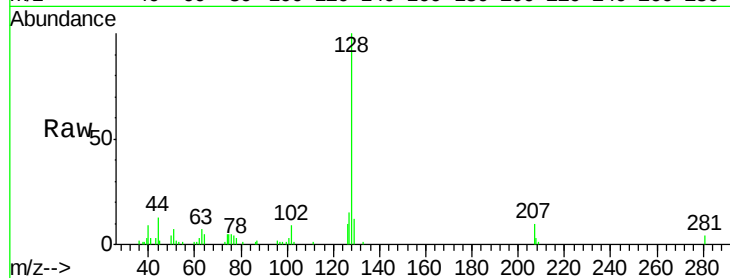




#95
Naphthalene
Concen: 4.705 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055505.D
Acq: 9 May 2019 18:34

Instrument :
MSVOA_N
ClientSampleId :
C-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	11.6	8.8	13.2



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

