

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055507.D
 Acq On : 9 May 2019 19:24
 Operator : JC/SP
 Sample : K2754-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-2

Quant Time: May 10 05:04:45 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

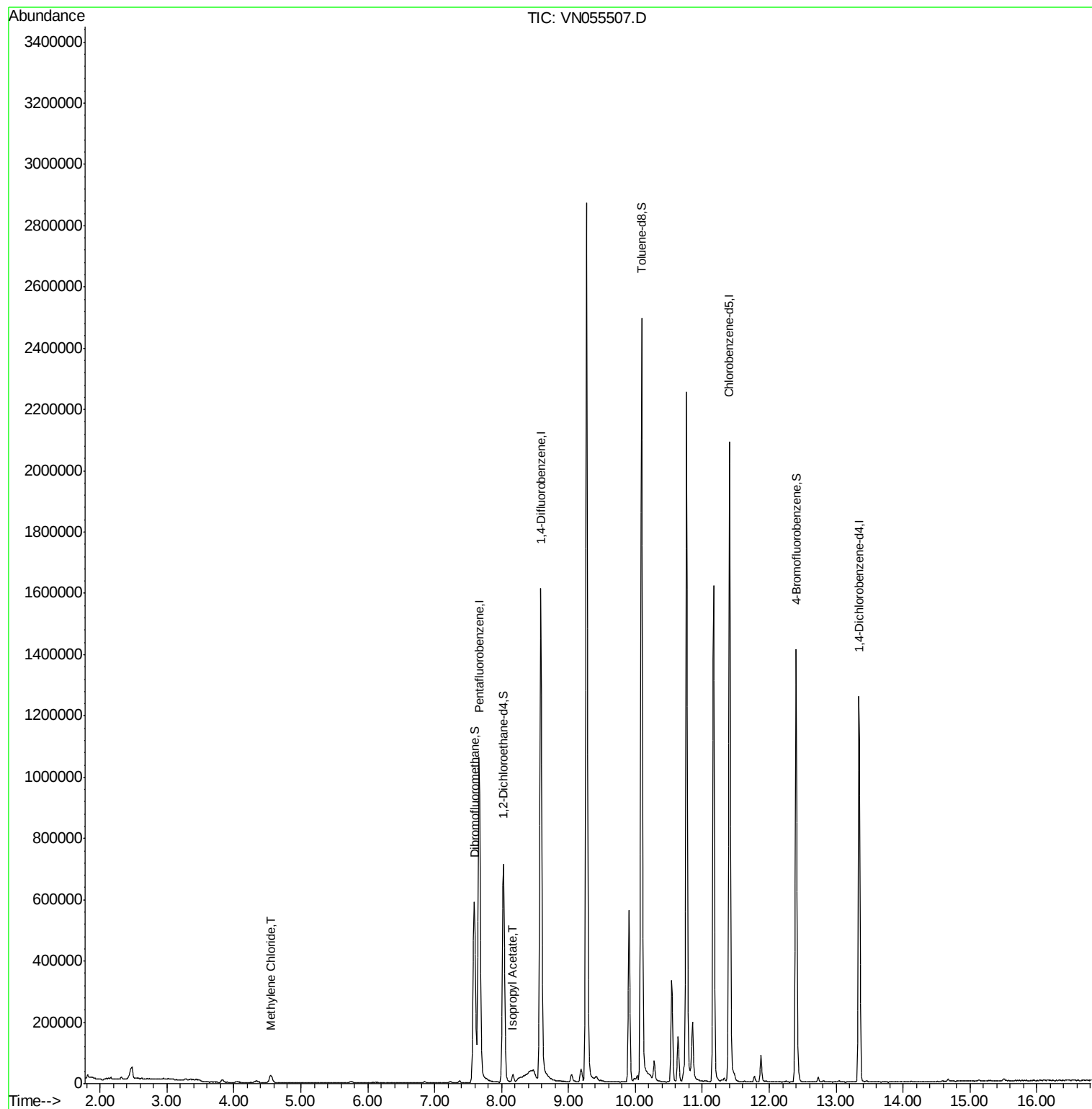
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	876692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1475789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1234539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	348384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	600815	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
35) Dibromofluoromethane	7.59	113	462890	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1800995	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.40	95	518099	41.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.84%	
Target Compounds						
20) Methylene Chloride	4.54	84	18828	1.506	ug/l #	86
43) Isopropyl Acetate	8.17	43	29891	1.241	ug/l	96

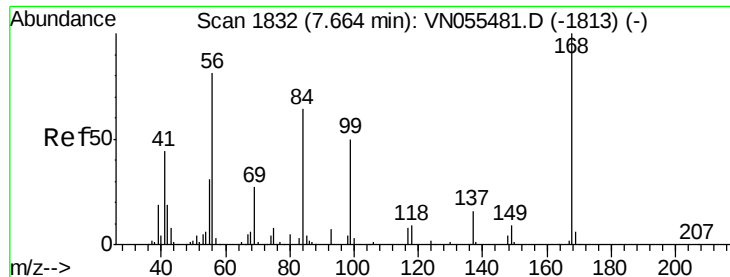
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

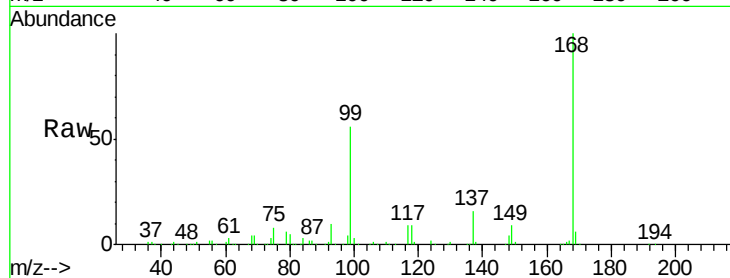
C-2

Tot Ion:168 Resp: 876692

Ion Ratio Lower Upper

168 100

99 56.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

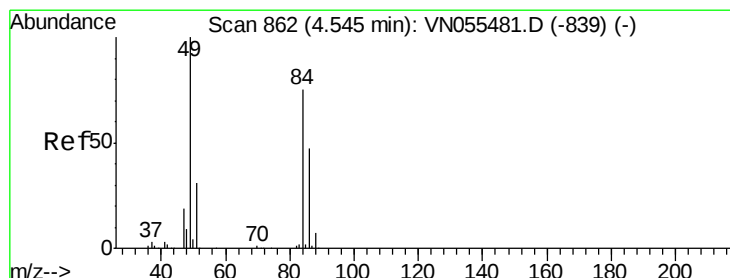
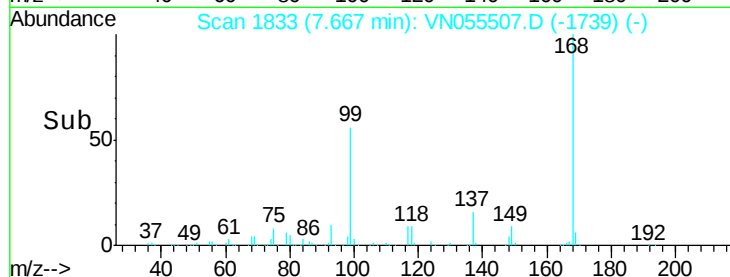
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.506 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Tgt Ion: 84 Resp: 18828

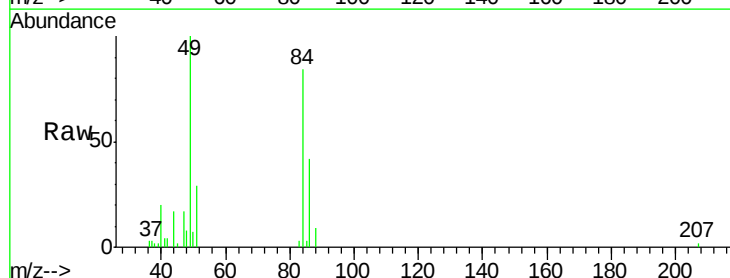
Ion Ratio Lower Upper

84 100

49 118.4 107.0 160.6

51 34.8 33.0 49.4

86 49.2 50.6 76.0#



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

12000

10000

8000

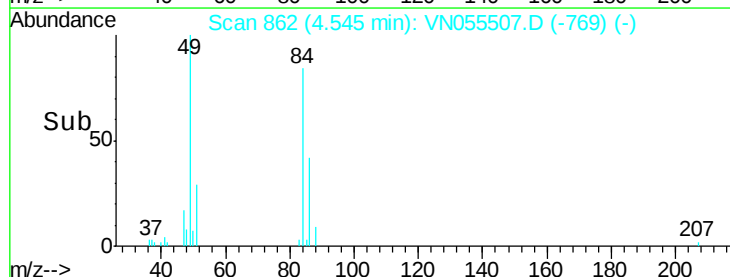
6000

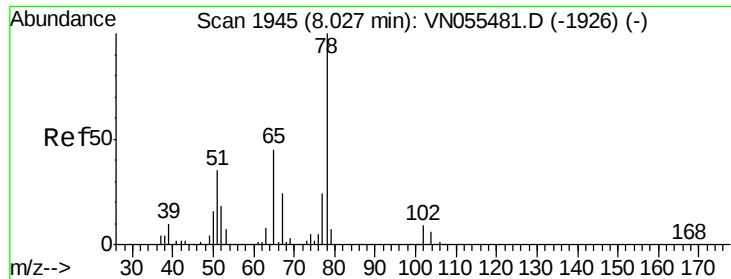
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.516 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

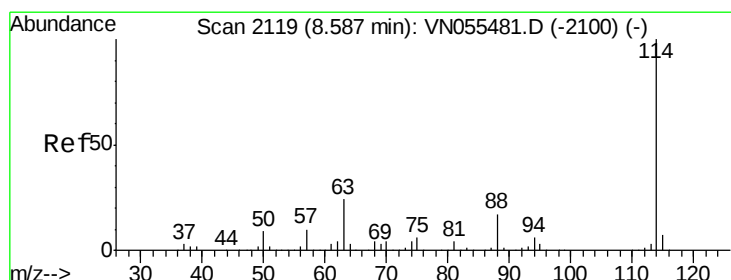
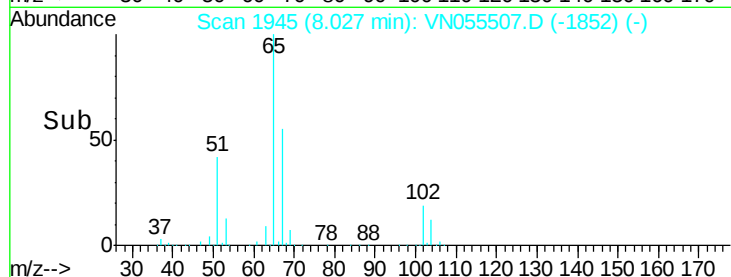
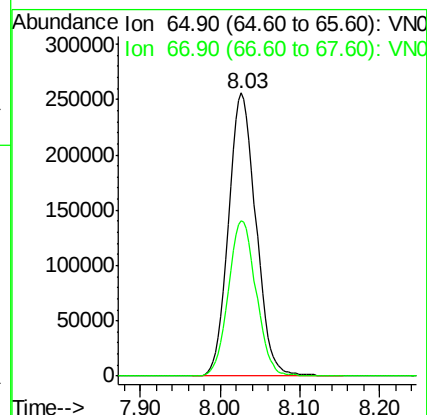
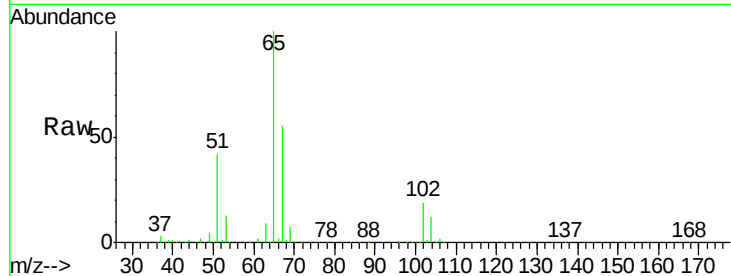
C-2

Tot Ion: 65 Resp: 600815

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

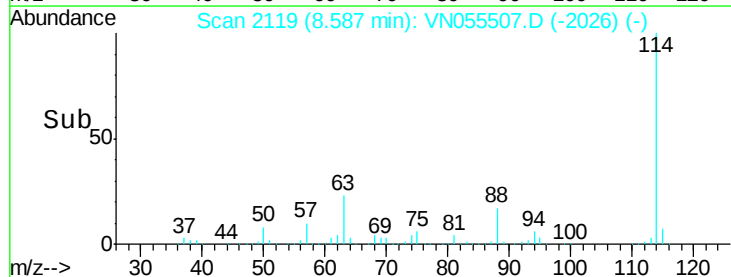
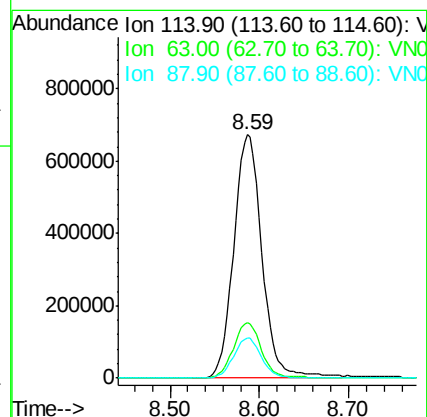
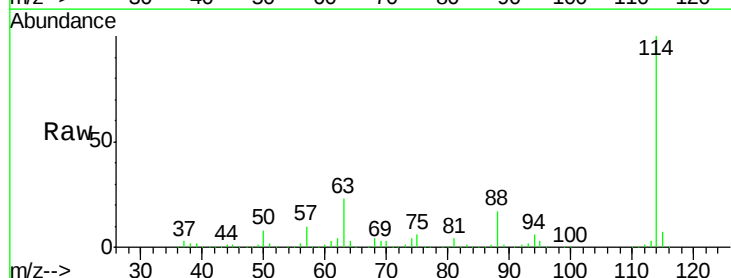
Tgt Ion: 114 Resp: 1475789

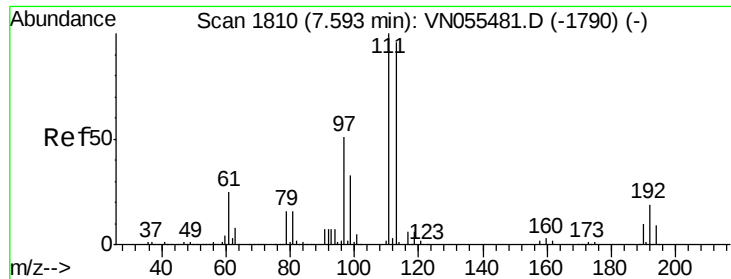
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

88 16.6 0.0 34.0

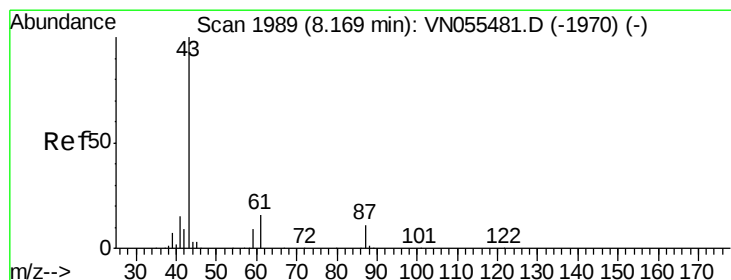
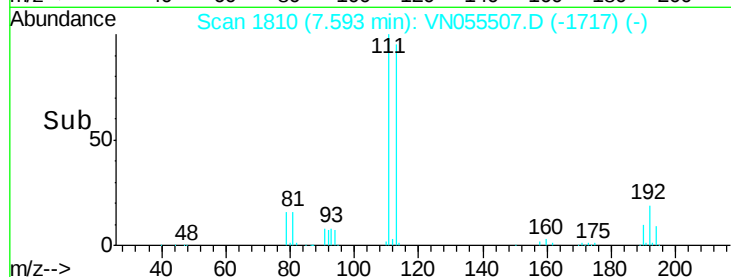
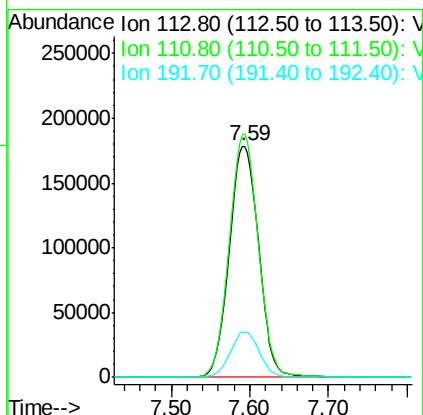
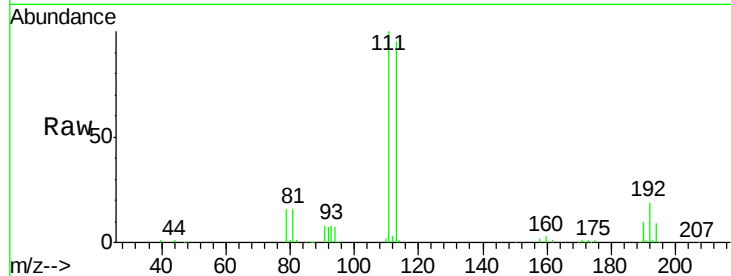




#35
 Dibromofluoromethane
 Concen: 48.623 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

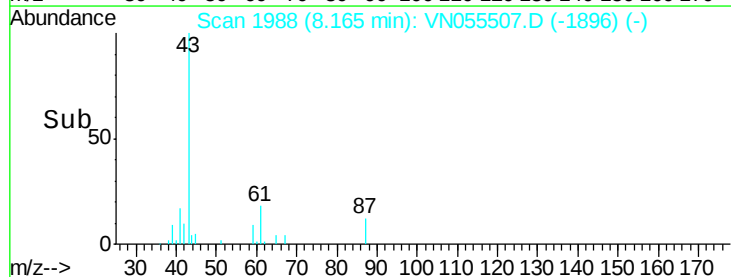
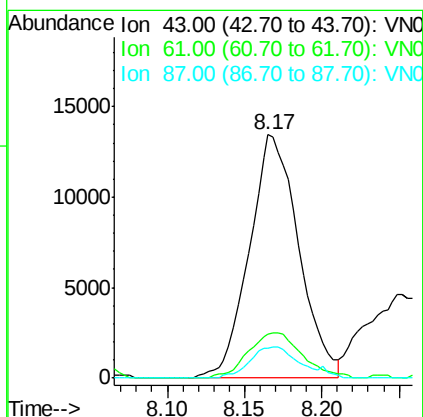
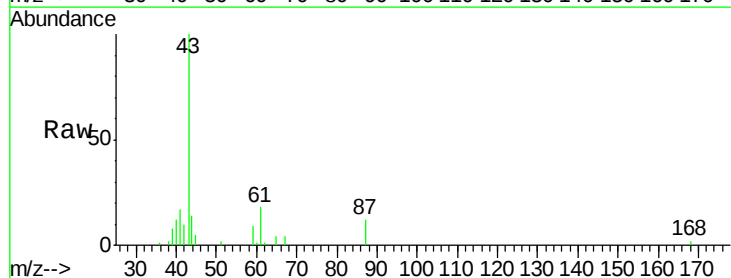
Instrument :
 MSVOA_N
 ClientSampled :
 C-2

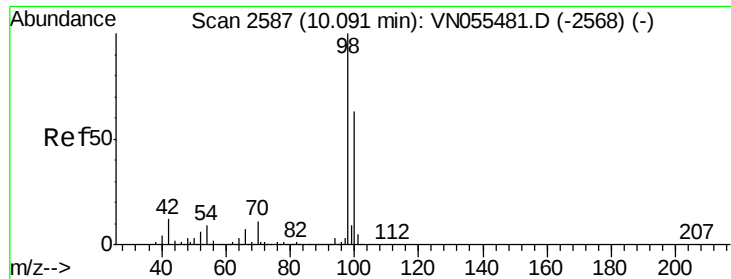
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	19.5	15.6	23.4



#43
 Isopropyl Acetate
 Concen: 1.241 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN055507.D
 Acq: 9 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.1	22.7
87	13.1	9.0	13.6





#50

Toluene-d8

Concen: 48.546 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

Instrument :

MSVOA_N

ClientSampled :

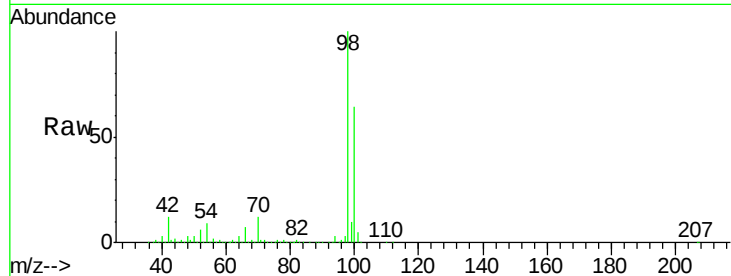
C-2

Tot Ion: 98 Resp: 1800995

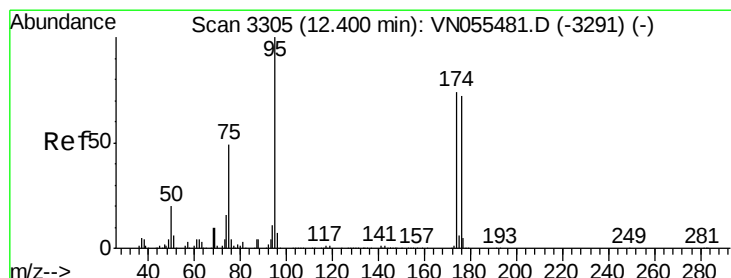
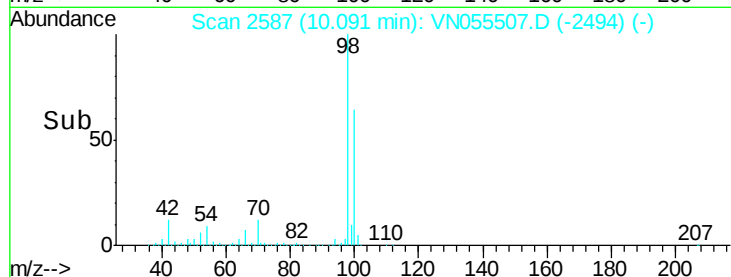
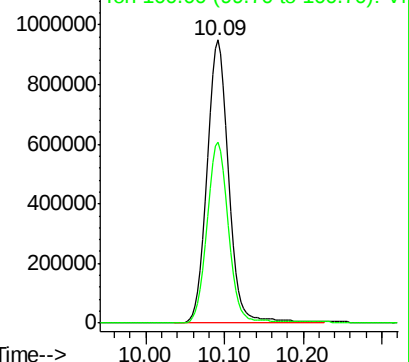
Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055507.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: 41.418 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055507.D

Acq: 9 May 2019 19:24

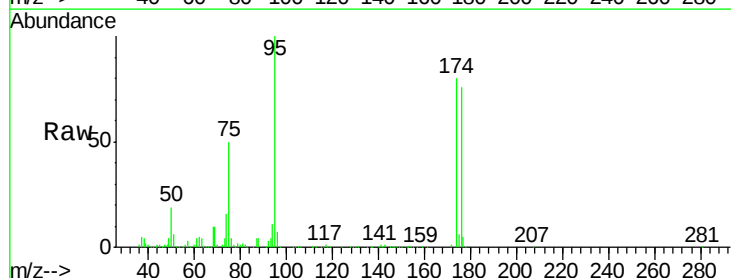
Tgt Ion: 95 Resp: 518099

Ion Ratio Lower Upper

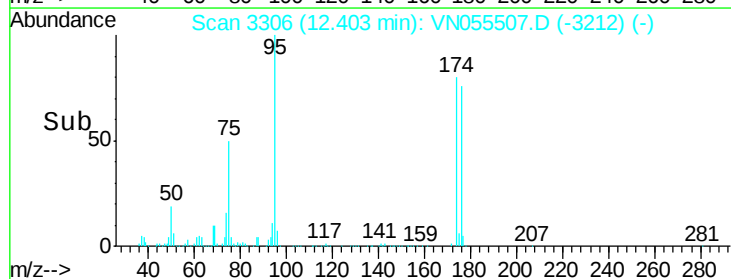
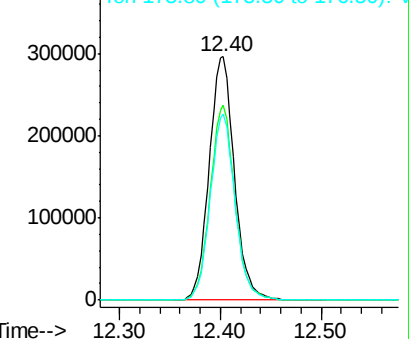
95 100

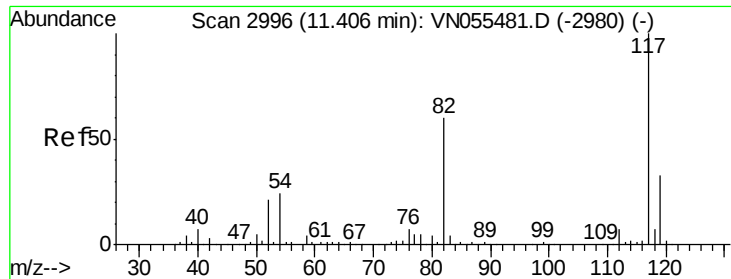
174 78.4 0.0 152.2

176 75.0 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055507.D (-3212) (-)

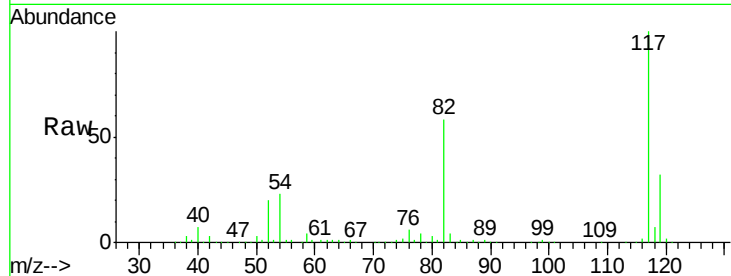




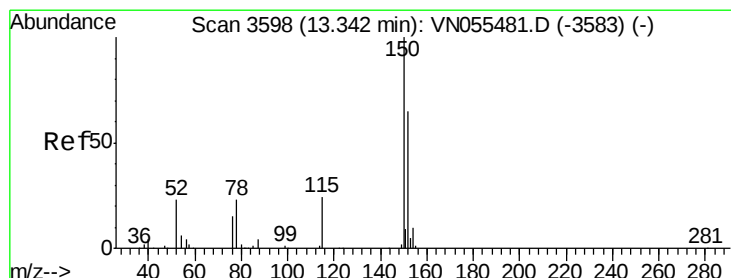
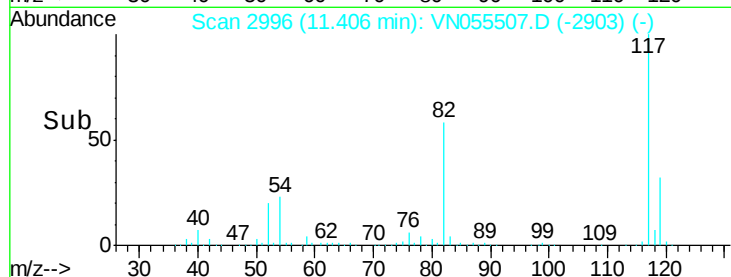
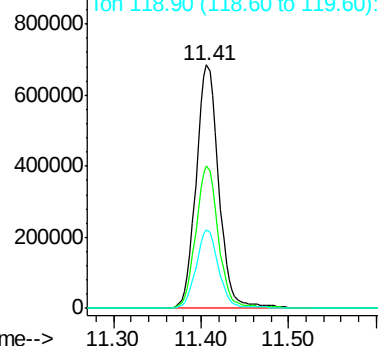
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Instrument :
MSVOA_N
ClientSampled :
C-2

Tot Ion:117 Resp: 1234539
Ion Ratio Lower Upper
117 100
82 58.3 48.0 72.0
119 32.0 26.0 39.0

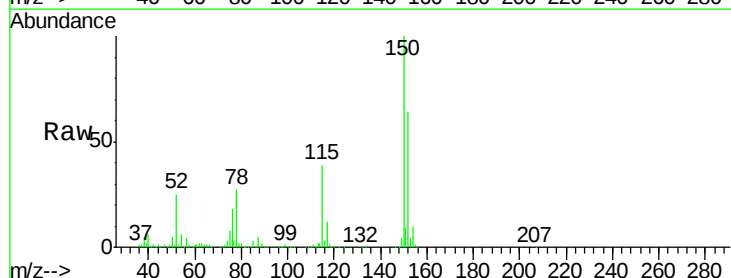


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055507.D
Acq: 9 May 2019 19:24

Tgt Ion:152 Resp: 348384
Ion Ratio Lower Upper
152 100
115 59.2 30.1 90.5
150 156.5 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

