

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055506.D
 Acq On : 9 May 2019 18:59
 Operator : JC/SP
 Sample : K2750-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

Quant Time: May 10 05:02:34 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

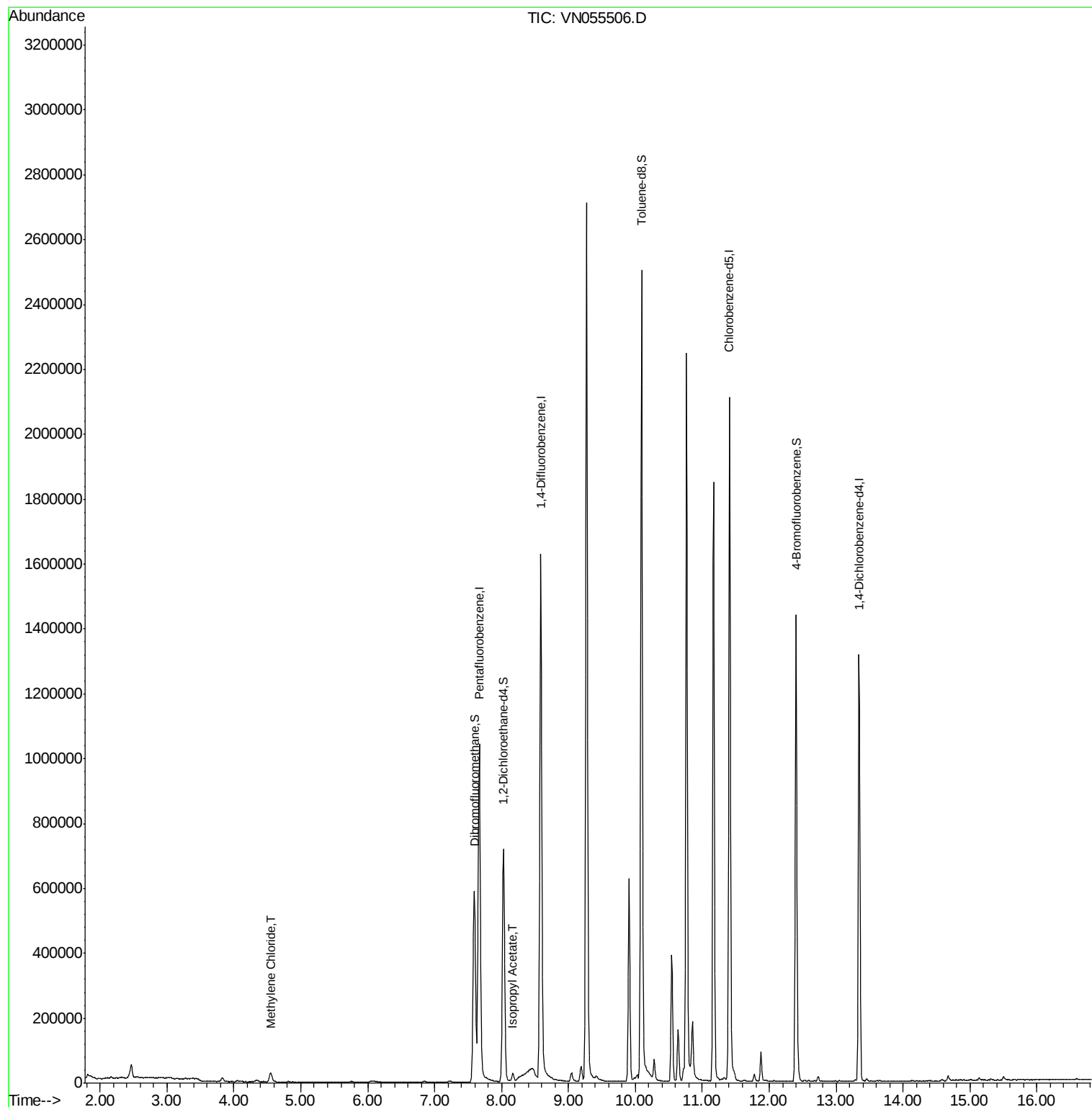
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	878178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1499117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1245980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	363228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	609187	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.59	113	463435	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	10.09	98	1818617	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	12.40	95	530474	41.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.50%	
Target Compounds						
20) Methylene Chloride	4.55	84	19283	1.540	ug/l	95
43) Isopropyl Acetate	8.17	43	27680	1.131	ug/l #	92

(#) = 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: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

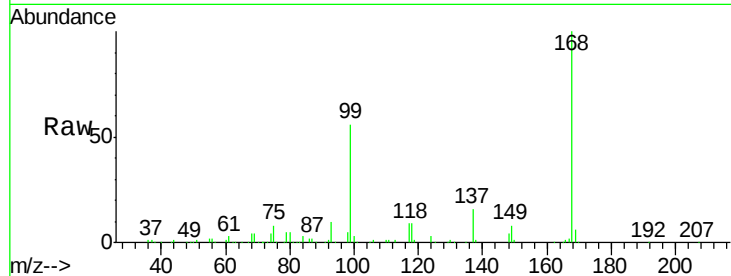
72-11995

Tot Ion:168 Resp: 878178

Ion Ratio Lower Upper

168 100

99 56.3 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

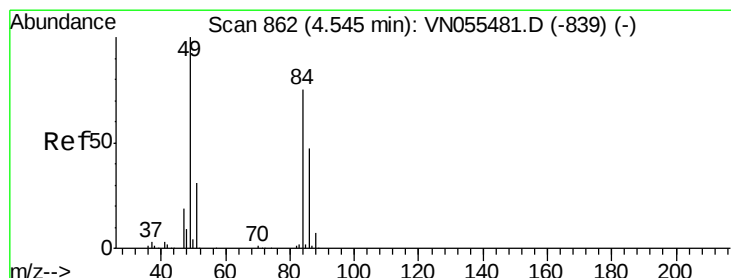
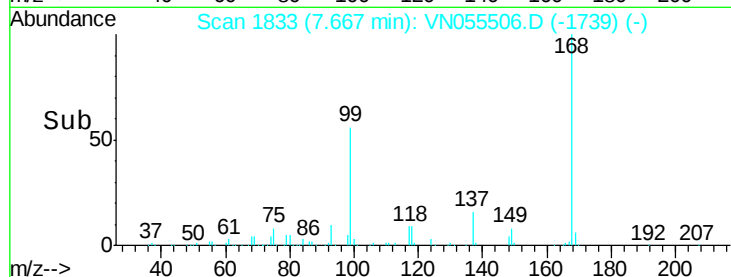
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.540 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Tgt Ion: 84 Resp: 19283

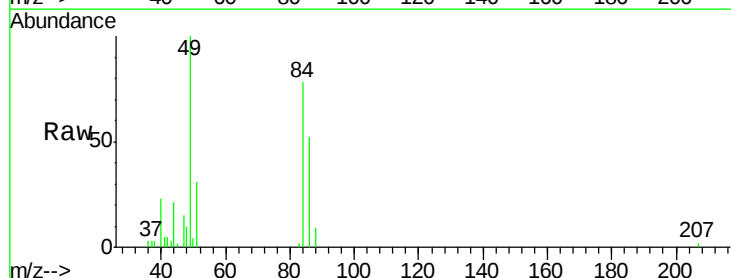
Ion Ratio Lower Upper

84 100

49 127.6 107.0 160.6

51 39.6 33.0 49.4

86 66.9 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

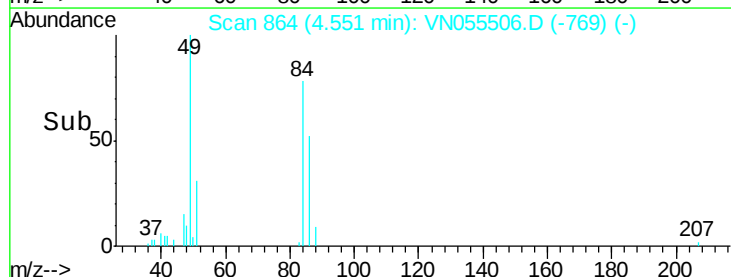
4.55

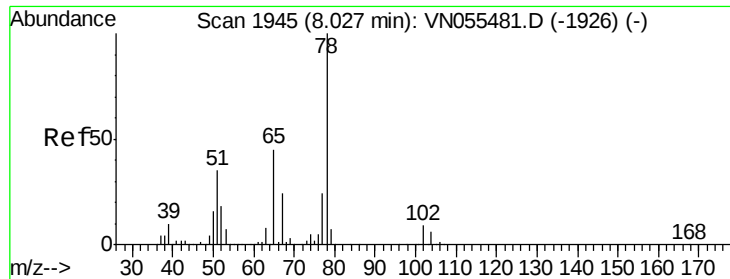
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.072 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

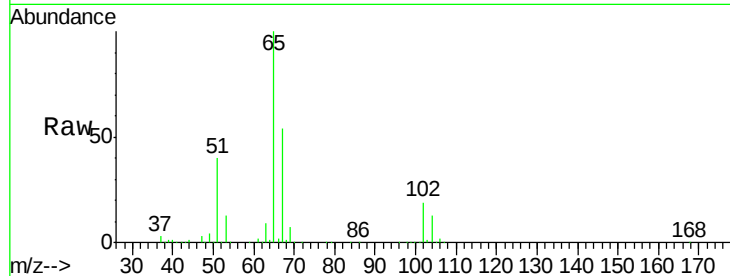
72-11995

Tot Ion: 65 Resp: 609187

Ion Ratio Lower Upper

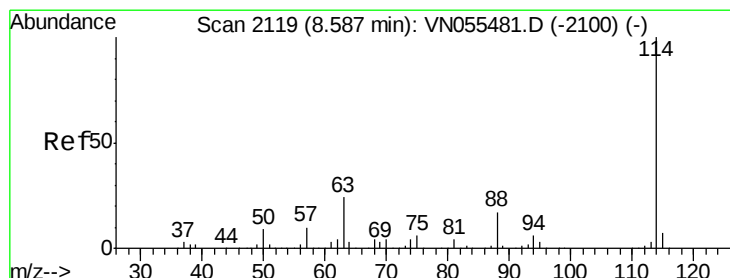
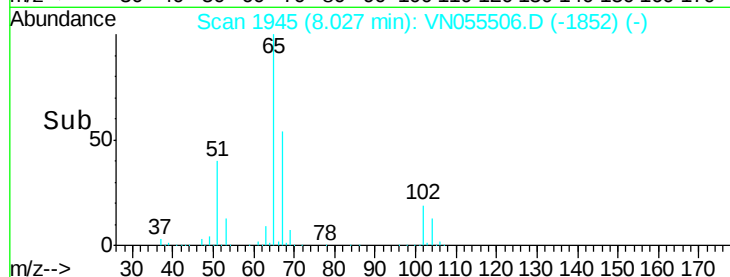
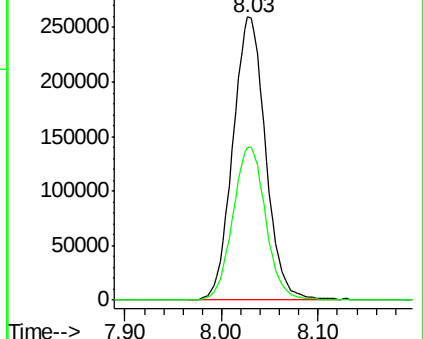
65 100

67 54.4 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055506.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055506.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

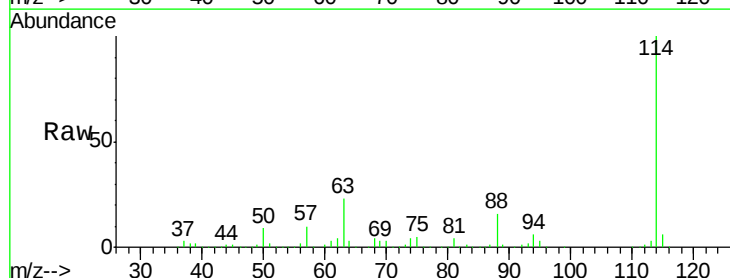
Tgt Ion: 114 Resp: 1499117

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

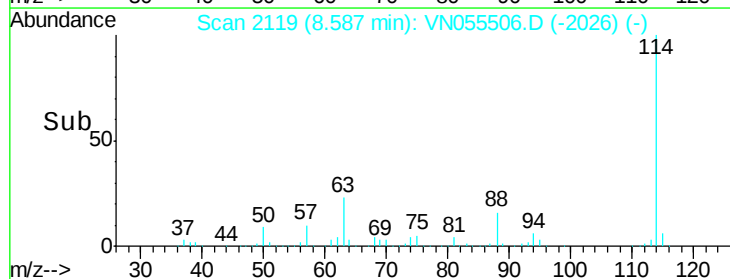
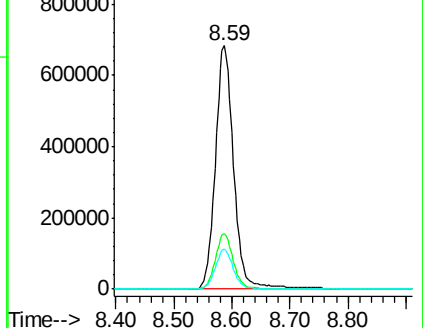
88 16.5 0.0 34.0

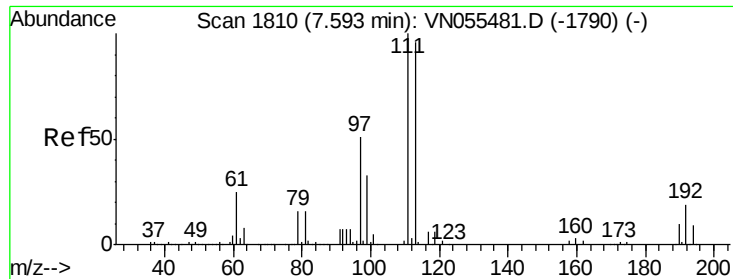


Abundance Ion 113.90 (113.60 to 114.60): VN055506.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055506.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055506.D (-2026) (-)

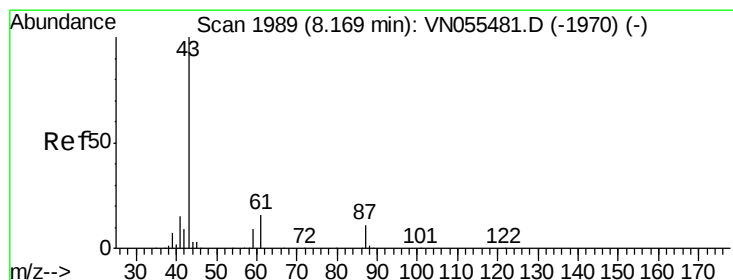
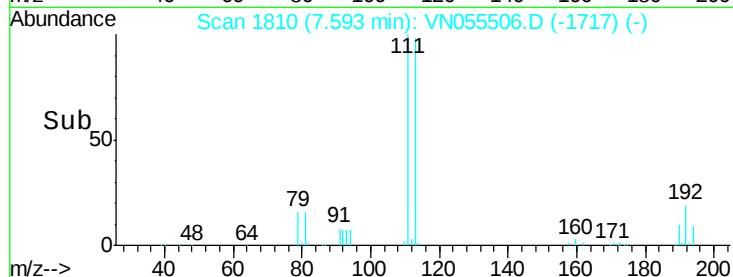
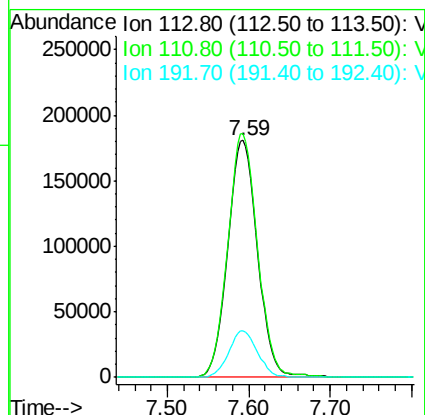
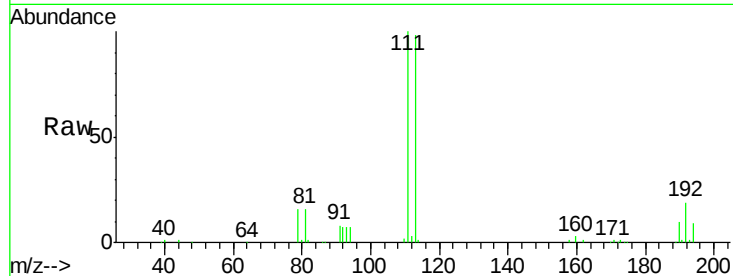




#35
 Dibromofluoromethane
 Concen: 47.923 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

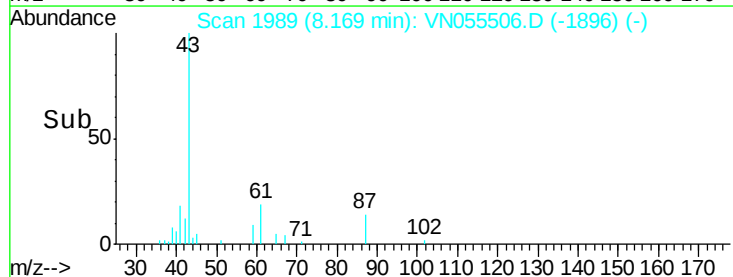
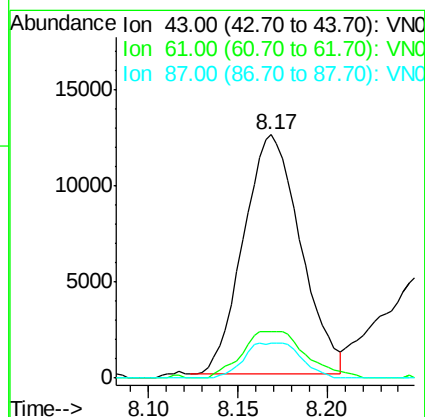
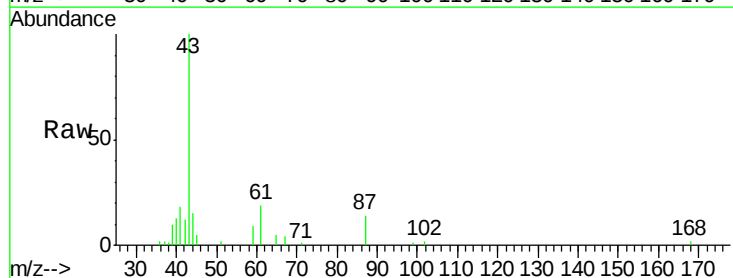
Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

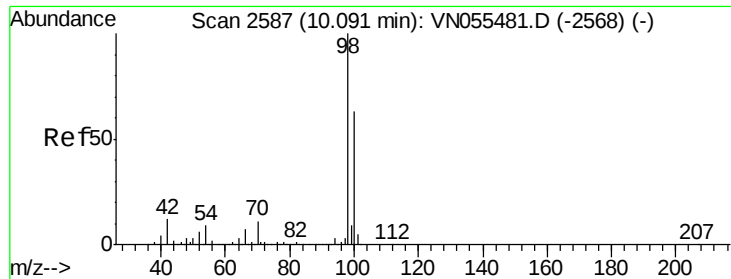
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.9	15.6	23.4



#43
 Isopropyl Acetate
 Concen: 1.131 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN055506.D
 Acq: 9 May 2019 18:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.0	15.1	22.7
87	14.7	9.0	13.6





#50

Toluene-d8

Concen: 48.258 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

Instrument :

MSVOA_N

ClientSampled :

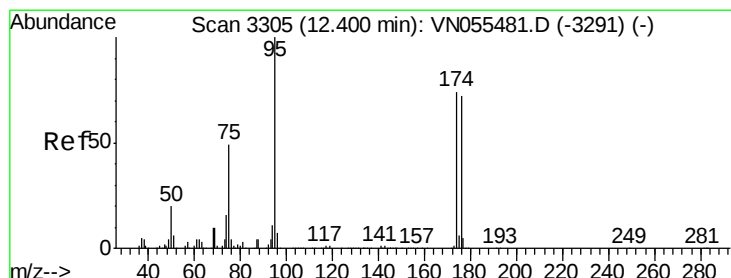
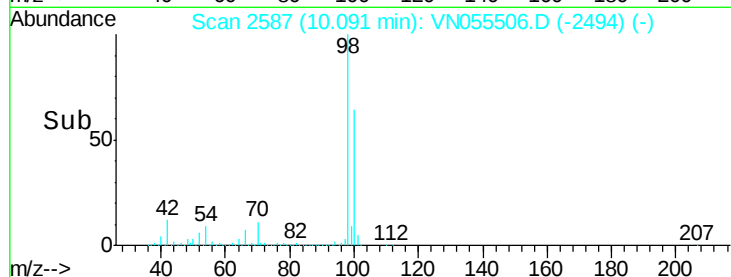
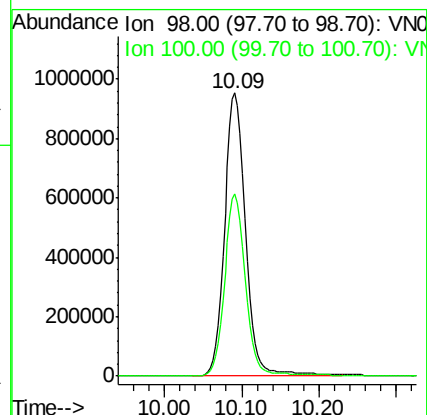
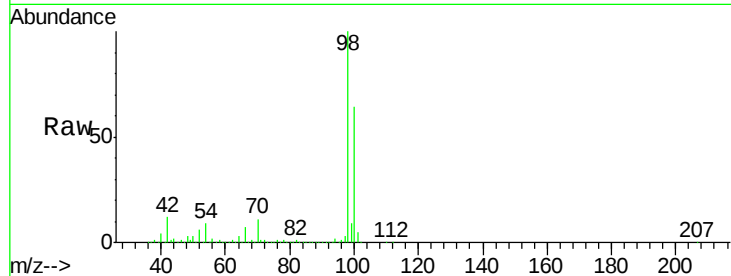
72-11995

Tot Ion: 98 Resp: 1818617

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 41.747 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055506.D

Acq: 9 May 2019 18:59

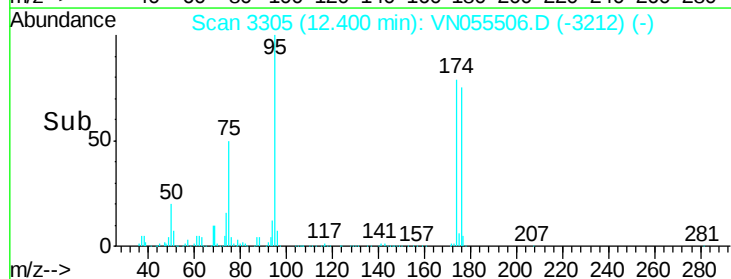
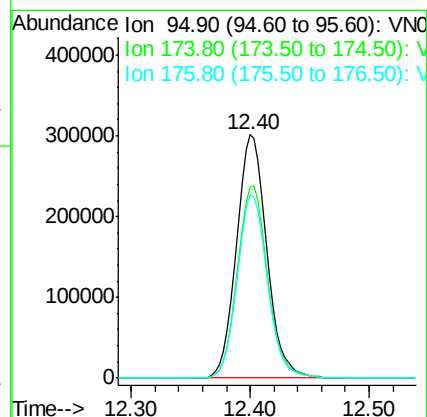
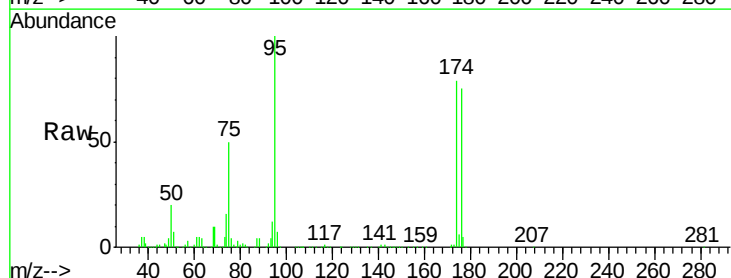
Tgt Ion: 95 Resp: 530474

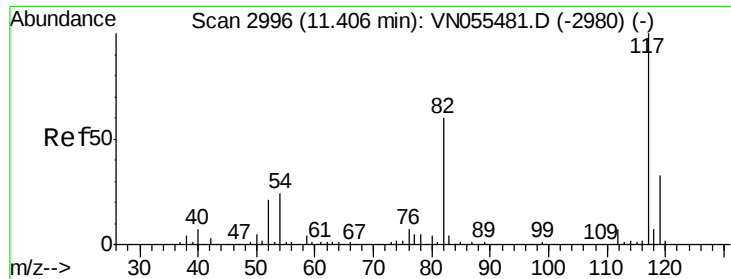
Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.2

176 75.4 0.0 147.8

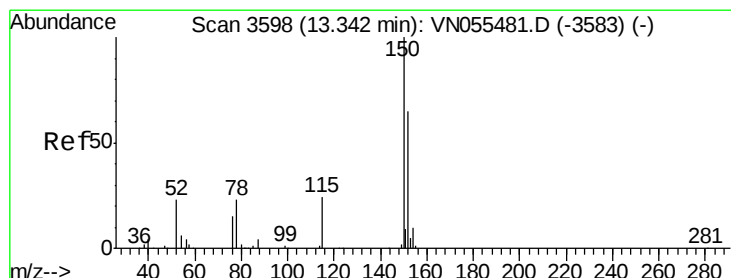
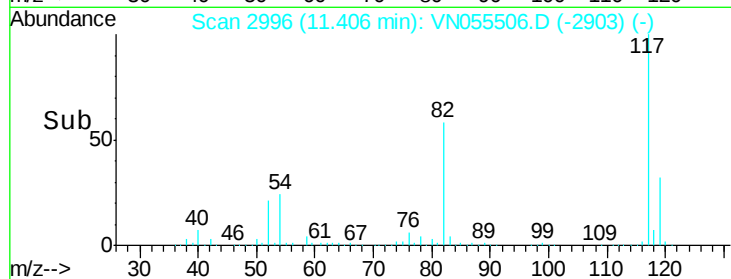
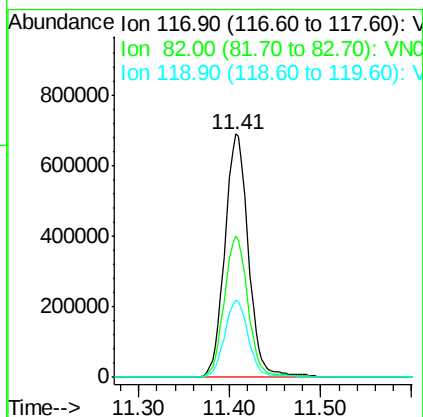
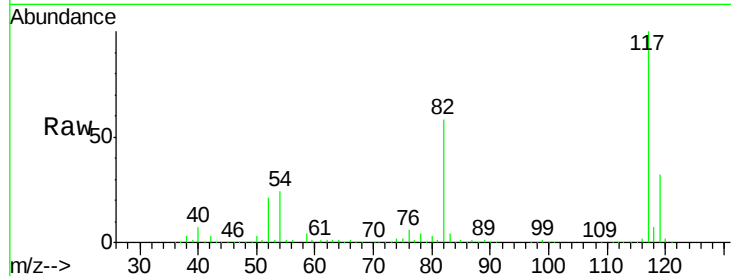




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Instrument :
MSVOA_N
ClientSampled :
72-11995

Tot Ion:117 Resp: 1245980
Ion Ratio Lower Upper
117 100
82 58.2 48.0 72.0
119 31.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055506.D
Acq: 9 May 2019 18:59

Tgt Ion:152 Resp: 363228
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 155.3 0.0 355.0

