

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040119\
 Data File : VN054875.D
 Acq On : 1 Apr 2019 15:30
 Operator : JC/SP
 Sample : K2182-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S8A(10)

Quant Time: Apr 02 05:27:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

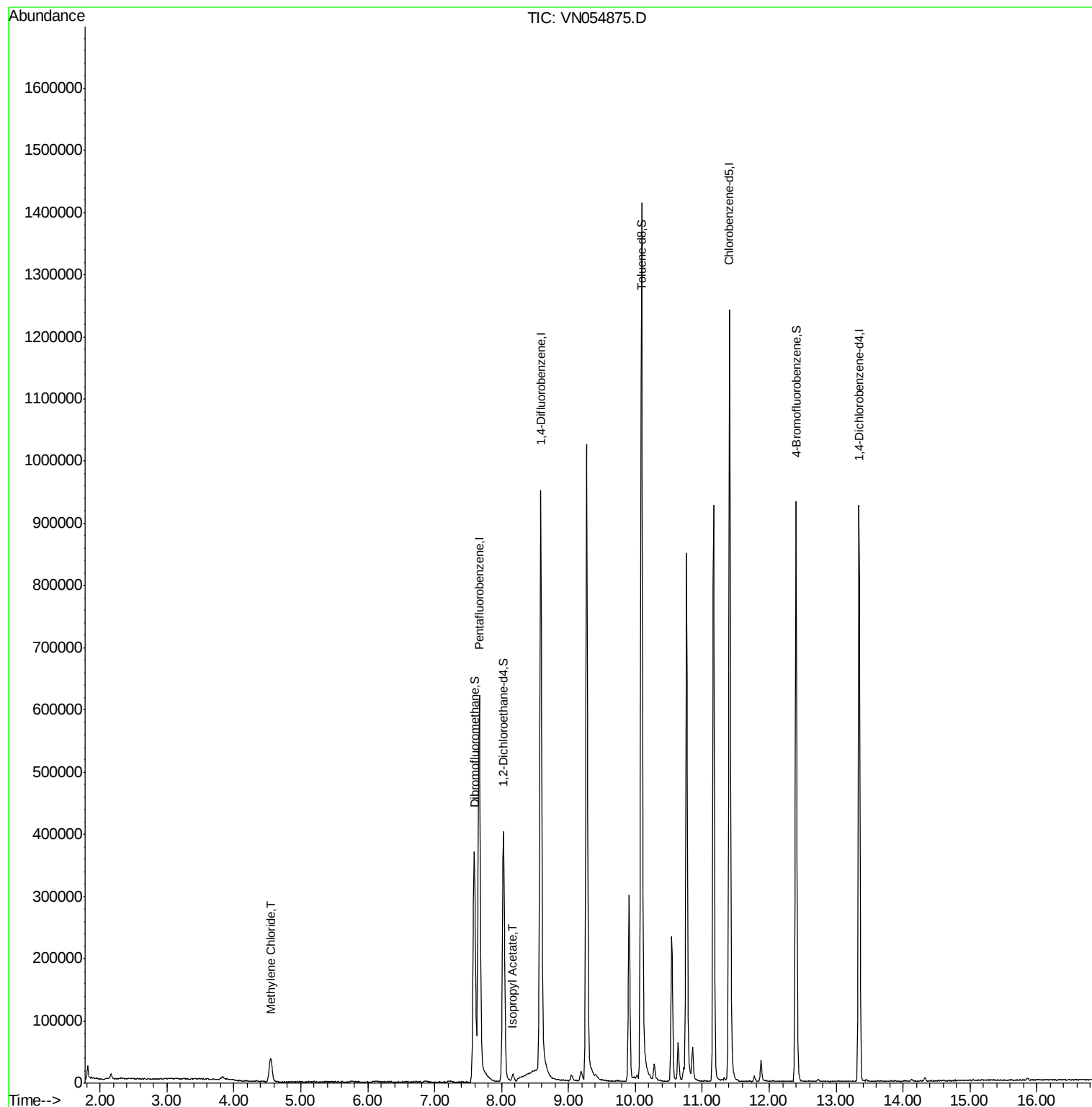
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	862902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	751400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	249102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349536	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
35) Dibromofluoromethane	7.59	113	280071	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	10.09	98	1061207	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	313500	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
20) Methylene Chloride	4.55	84	26122	4.294	ug/l #	80
43) Isopropyl Acetate	8.17	43	13989	1.460	ug/l #	91

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

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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: VN054875.D

Acq: 1 Apr 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

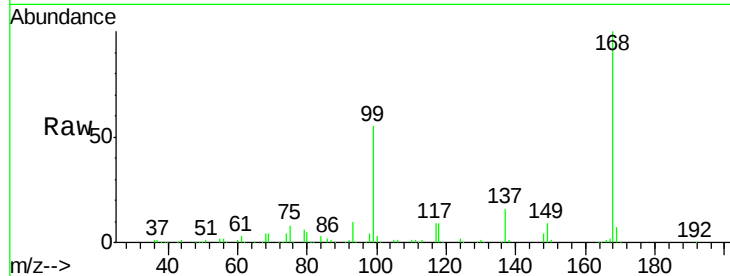
S8A(10)

Tot Ion:168 Resp: 536523

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

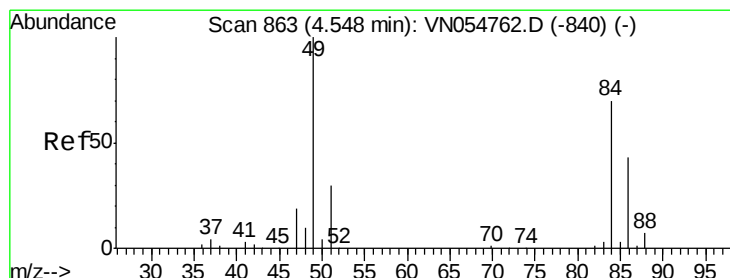
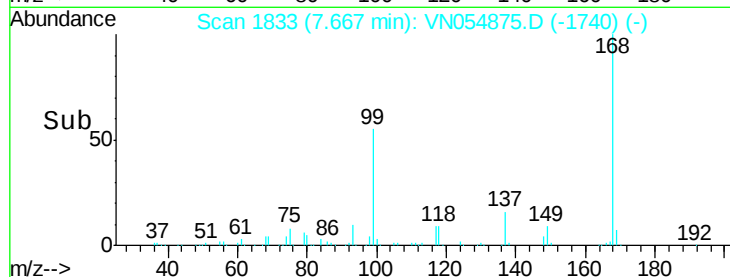
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 4.294 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054875.D

Acq: 1 Apr 2019 15:30

Tgt Ion: 84 Resp: 26122

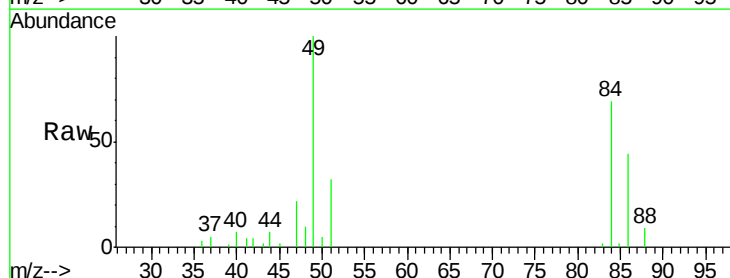
Ion Ratio Lower Upper

84 100

49 145.1 89.7 134.5#

51 46.7 28.2 42.4#

86 64.5 50.8 76.2



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

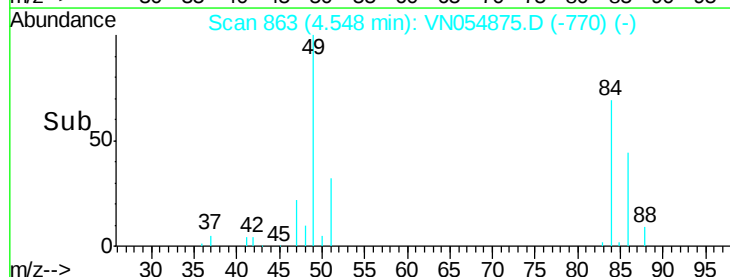
15000

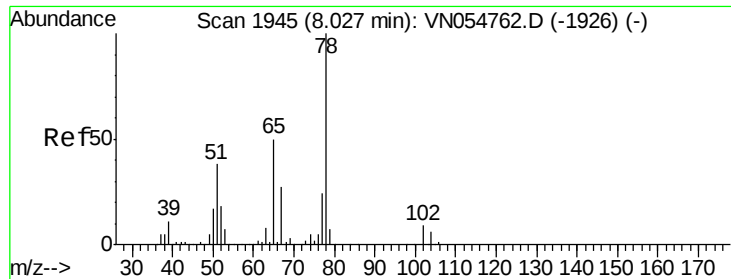
10000

5000

0

Time--> 4.50 4.55 4.60

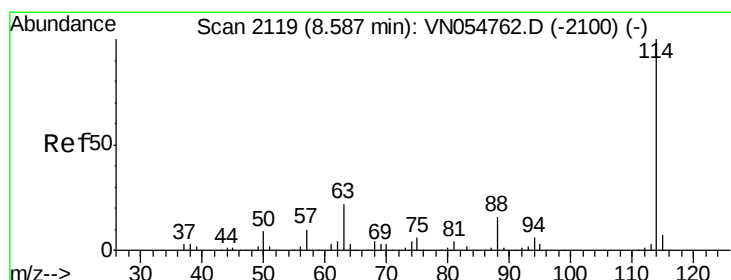
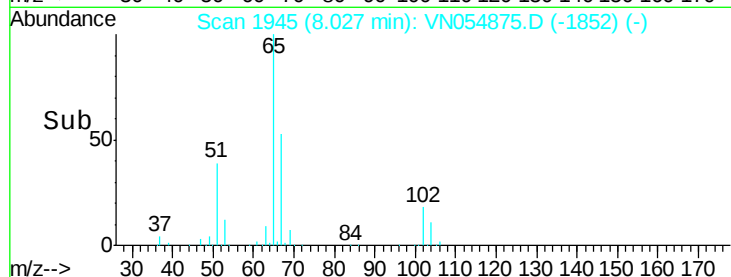
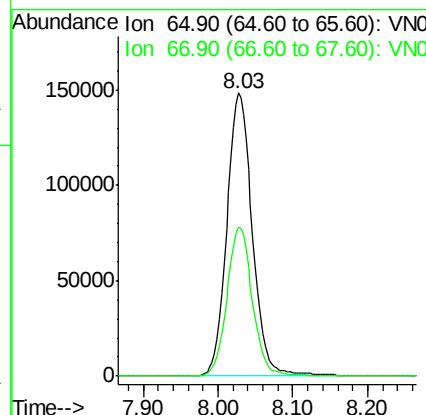
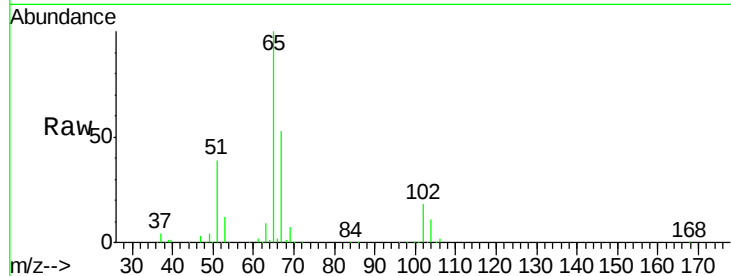




#33
 1,2-Dichloroethane-d4
 Concen: 48.329 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054875.D
 Acq: 1 Apr 2019 15:30

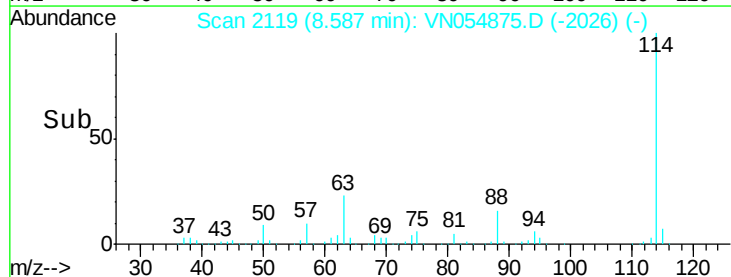
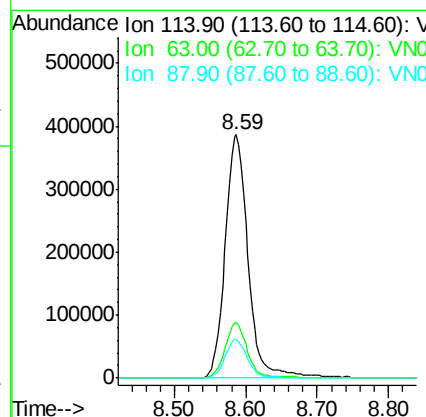
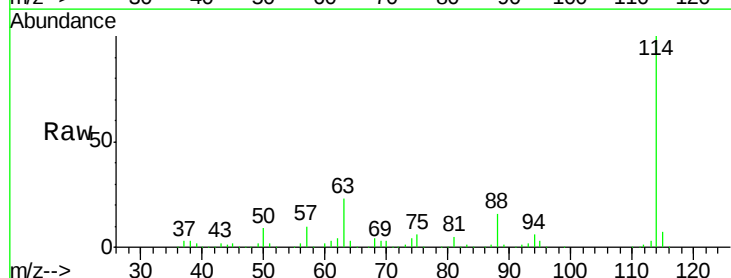
Instrument :
 MSVOA_N
 ClientSampleId :
 S8A(10)

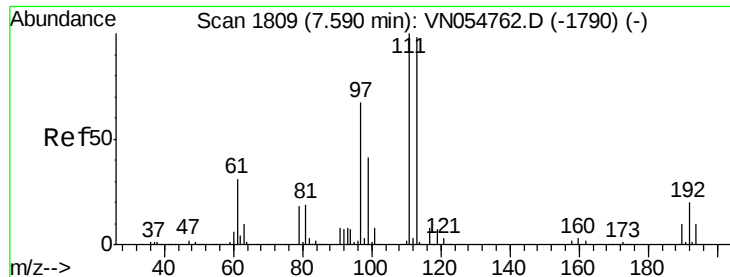
Tot Ion: 65 Resp: 349536
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054875.D
 Acq: 1 Apr 2019 15:30

Tgt Ion: 114 Resp: 862902
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 35.2
 88 15.9 0.0 30.2

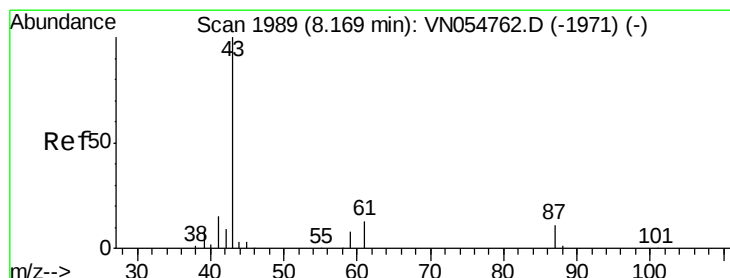
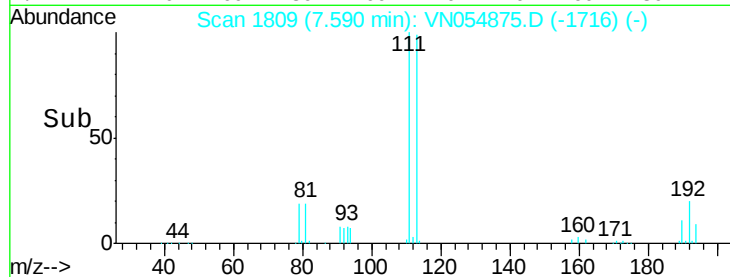
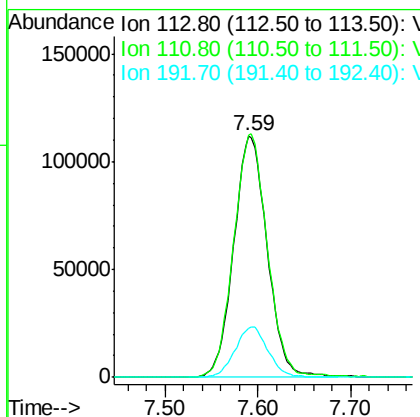
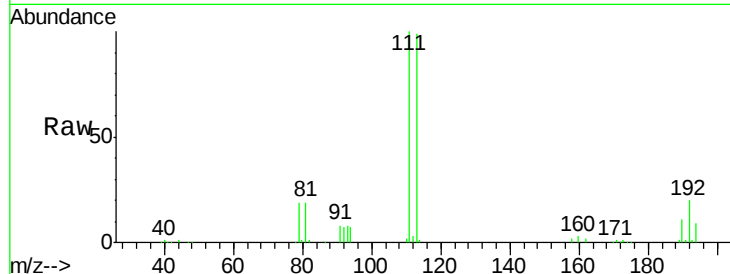




#35
 Dibromofluoromethane
 Concen: 48.684 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054875.D
 Acq: 1 Apr 2019 15:30

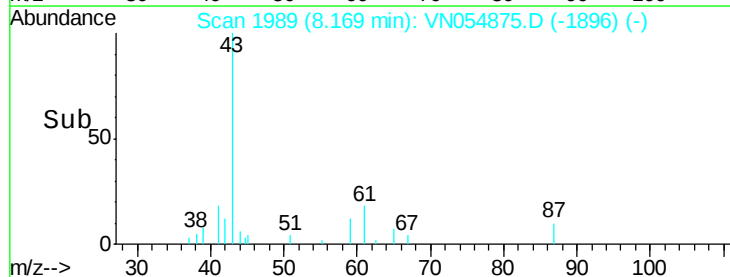
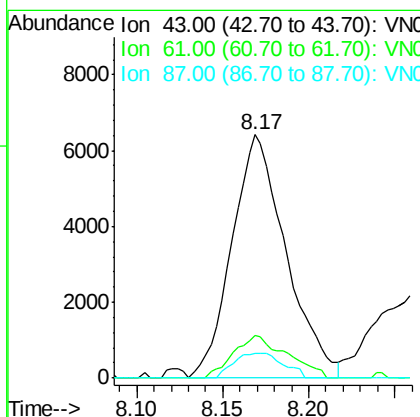
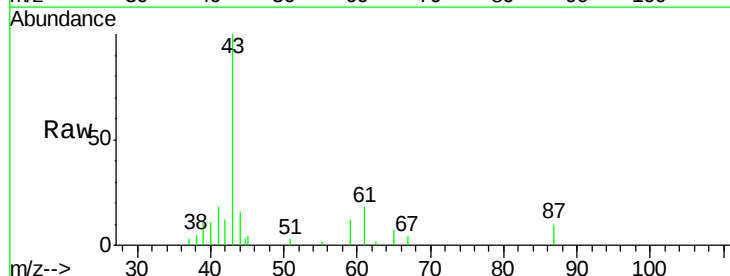
Instrument :
 MSVOA_N
 ClientSampleId :
 S8A(10)

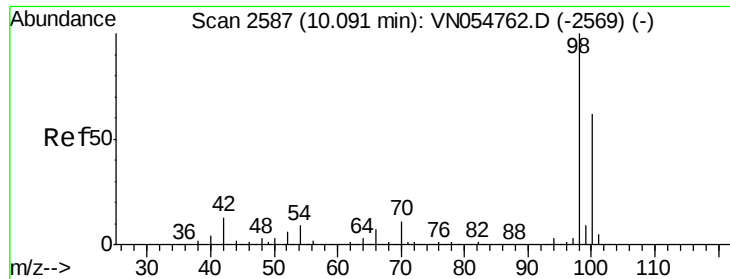
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	20.6	19.2	28.8



#43
 Isopropyl Acetate
 Concen: 1.460 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054875.D
 Acq: 1 Apr 2019 15:30

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	15.8	23.8
87	9.3	12.0	18.0#





#50

Toluene-d8

Concen: 49.617 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054875.D

Acq: 1 Apr 2019 15:30

Instrument :

MSVOA_N

ClientSampleId :

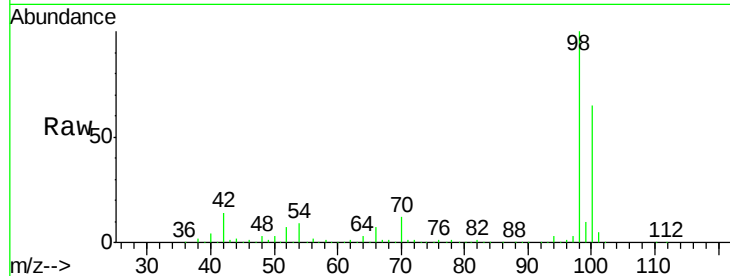
S8A(10)

Tot Ion: 98 Resp: 1061207

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

500000

400000

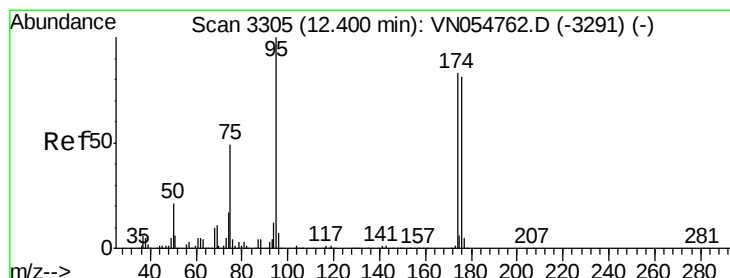
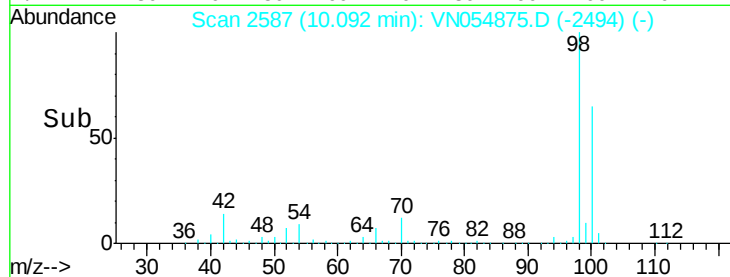
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.073 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054875.D

Acq: 1 Apr 2019 15:30

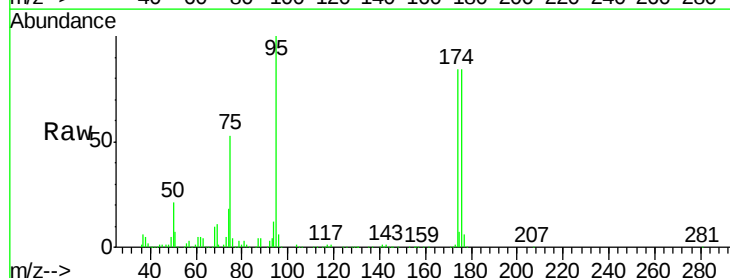
Tgt Ion: 95 Resp: 313500

Ion Ratio Lower Upper

95 100

174 84.9 0.0 191.0

176 83.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

250000

200000

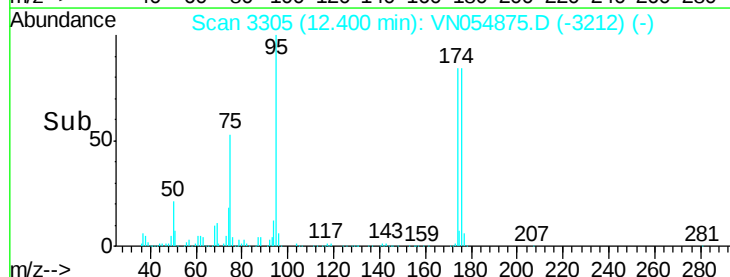
150000

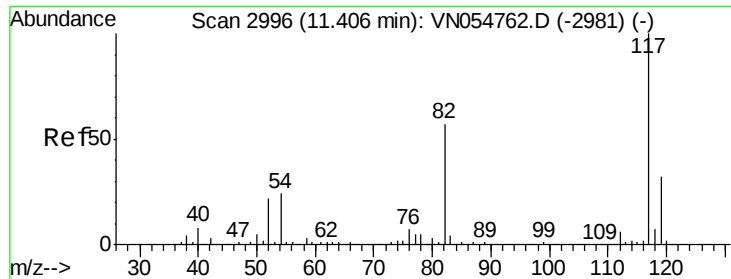
100000

50000

0

Time-->

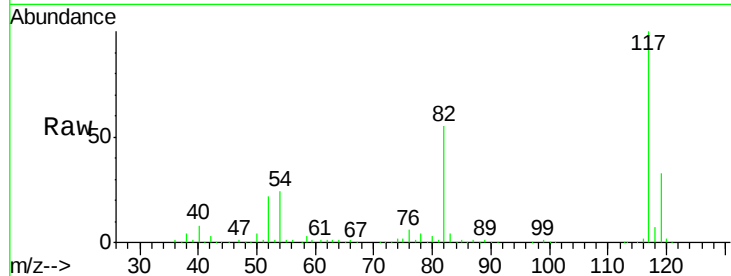




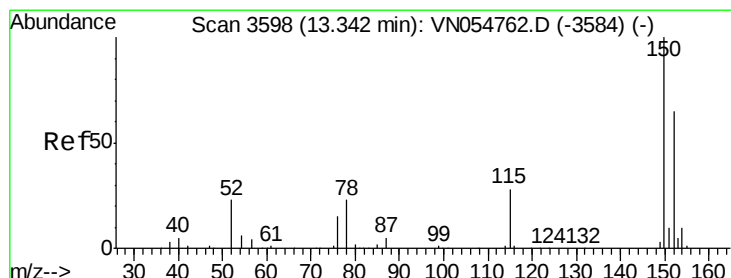
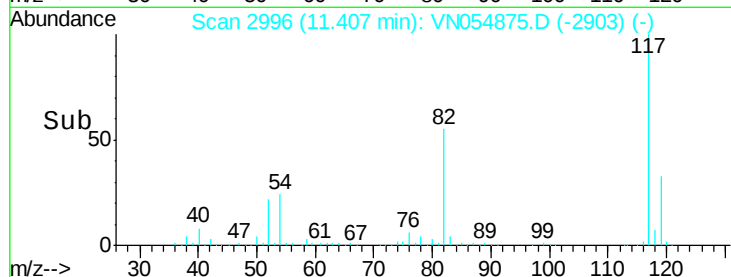
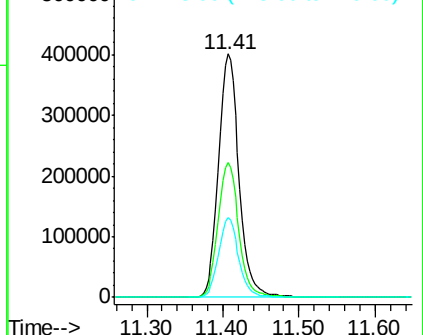
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054875.D
Acq: 1 Apr 2019 15:30

Instrument :
MSVOA_N
ClientSampled :
S8A(10)

Tot Ion:117 Resp: 751400
Ion Ratio Lower Upper
117 100
82 55.1 40.0 60.0
119 32.7 25.8 38.6

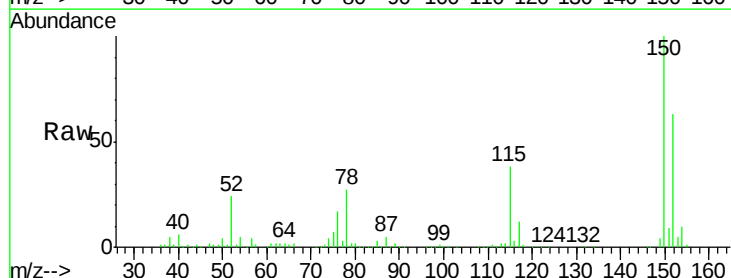


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054875.D
Acq: 1 Apr 2019 15:30

Tgt Ion:152 Resp: 249102
Ion Ratio Lower Upper
152 100
115 59.3 27.2 81.6
150 158.5 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

