

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060060.D
 Acq On : 11 Feb 2020 13:11
 Operator : JC/MD
 Sample : L1373-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-021020

Quant Time: Feb 12 04:45:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

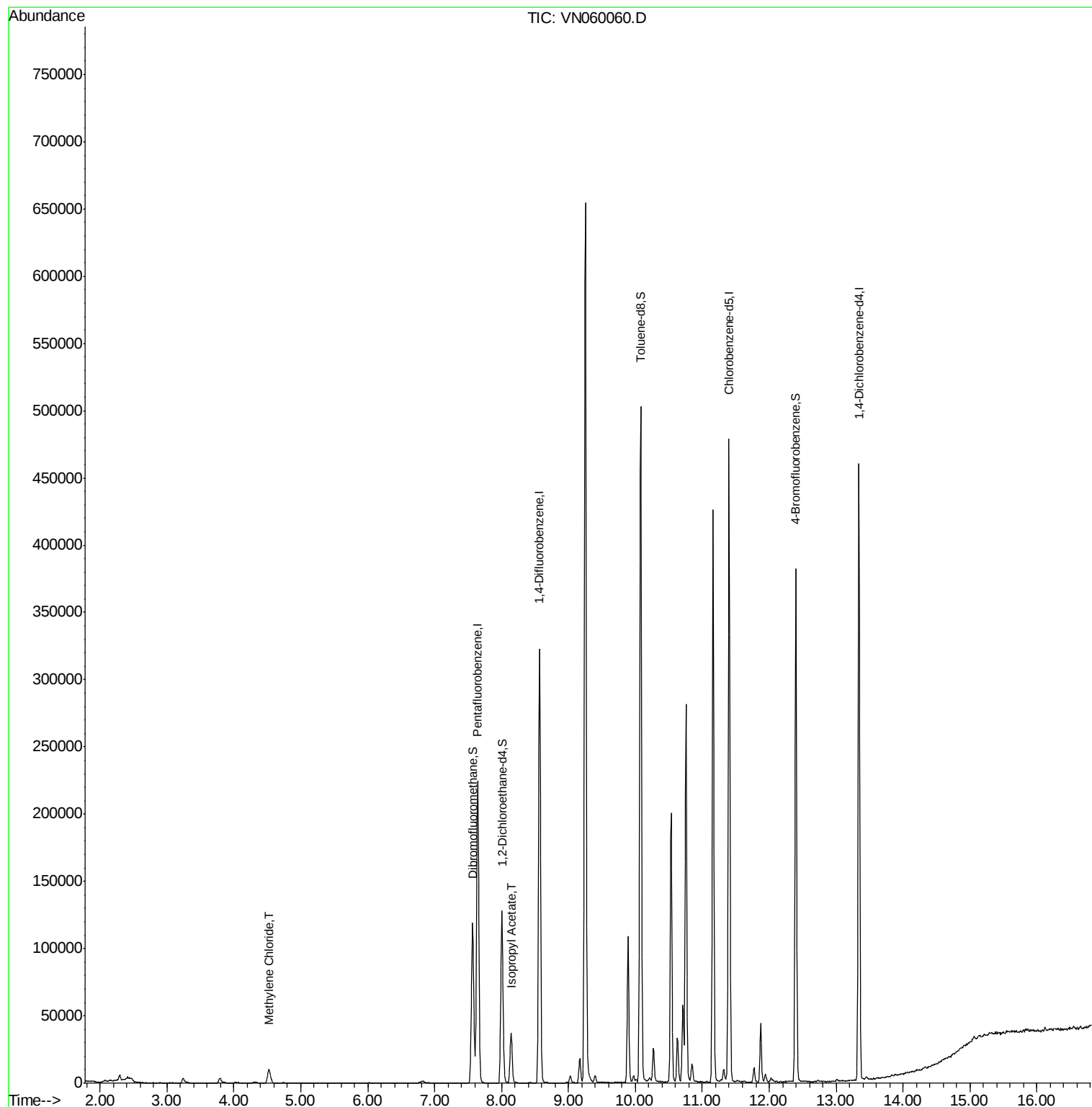
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110413	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	7.57	113	90230	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.08	98	359725	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.40	95	127546	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
20) Methylene Chloride	4.53	84	7975	2.974	ug/l #	80
43) Isopropyl Acetate	8.14	43	44299	10.595	ug/l	92

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

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QLast Update : Sat Jan 18 03:09:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060060.D

Acq: 11 Feb 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

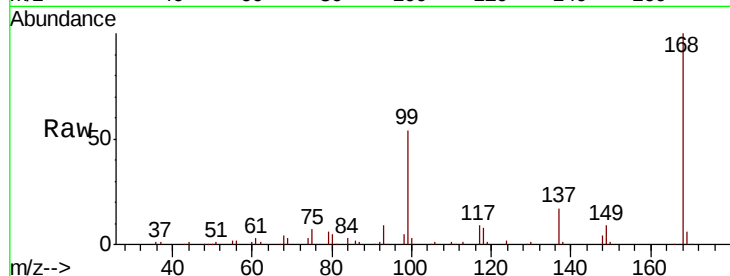
TR-05-021020

Tot Ion:168 Resp: 189388

Ion Ratio Lower Upper

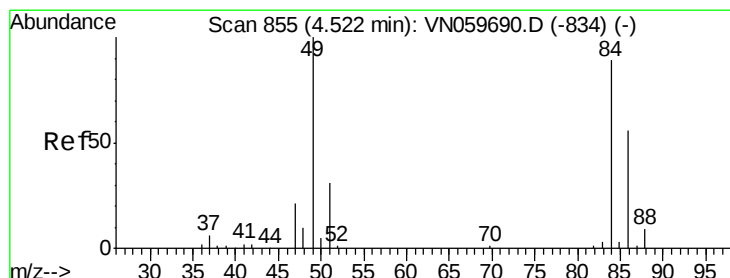
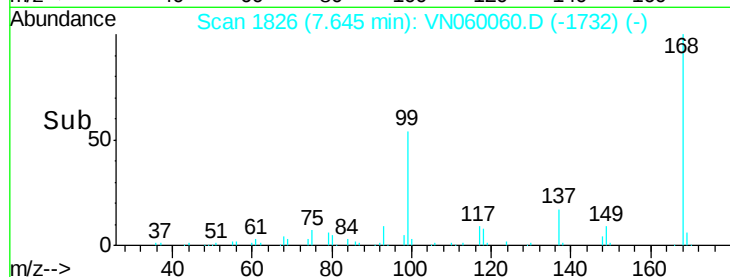
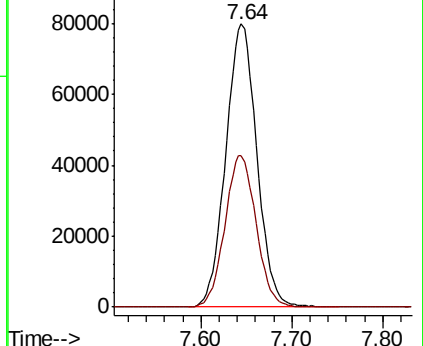
168 100

99 53.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 2.974 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN060060.D

Acq: 11 Feb 2020 13:11

Tgt Ion: 84 Resp: 7975

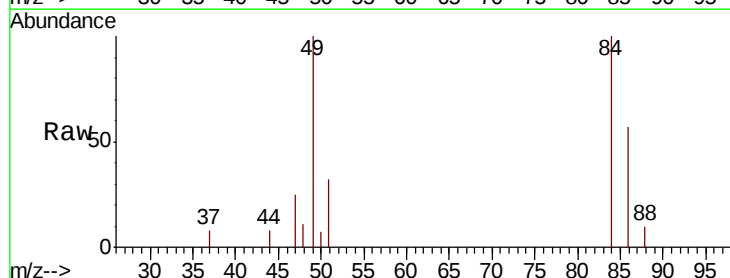
Ion Ratio Lower Upper

84 100

49 100.4 106.6 160.0#

51 31.8 31.9 47.9#

86 57.6 50.8 76.2

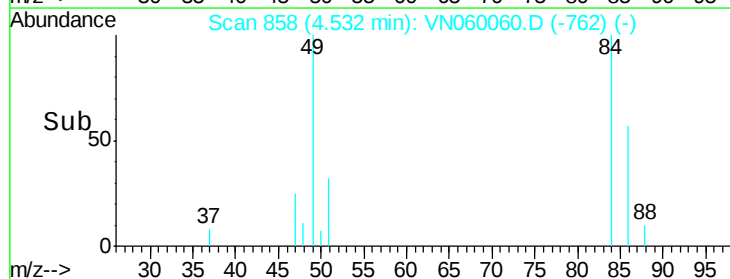
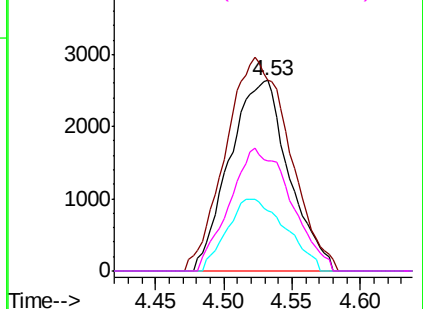


Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

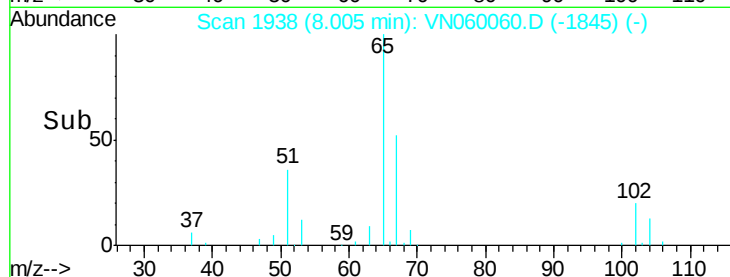
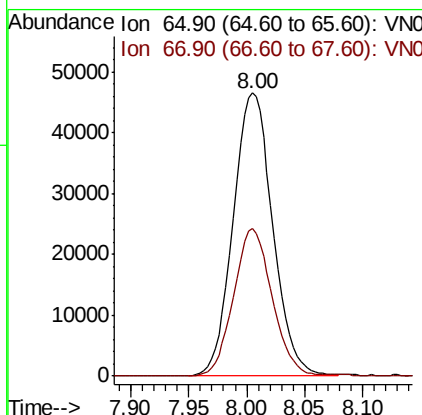
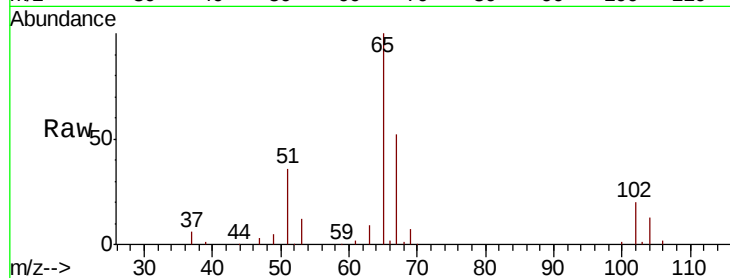




#33
 1,2-Dichloroethane-d4
 Concen: 52.498 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060060.D
 Acq: 11 Feb 2020 13:11

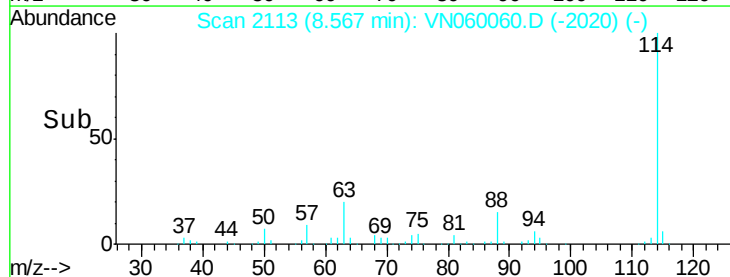
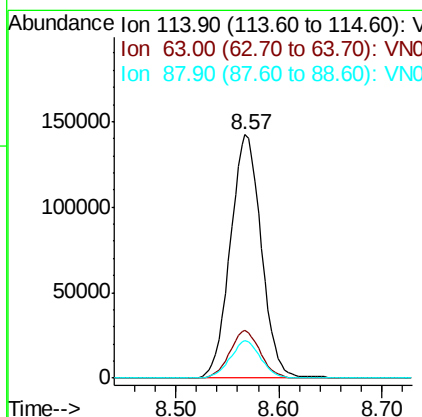
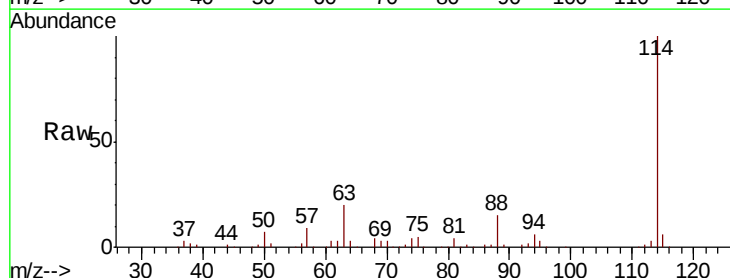
Instrument :
 MSVOA_N
 ClientSampled :
 TR-05-021020

Tot Ion: 65 Resp: 110413
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060060.D
 Acq: 11 Feb 2020 13:11

Tgt Ion: 114 Resp: 297607
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.6
 88 15.3 0.0 31.4

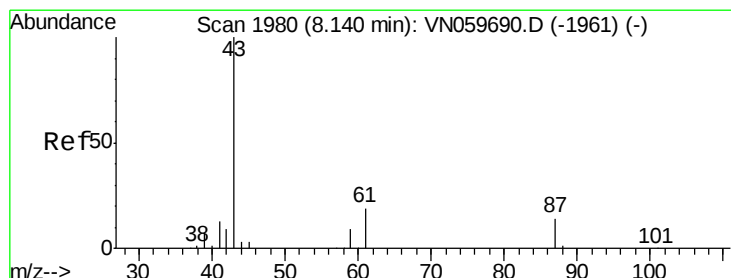
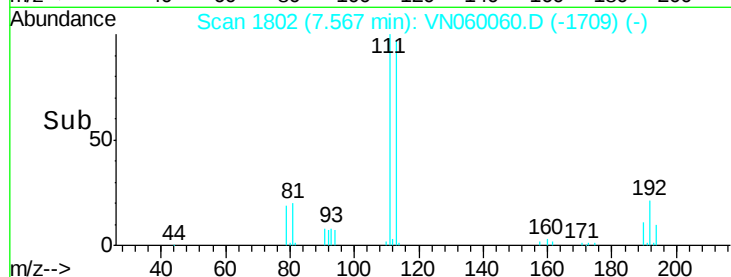
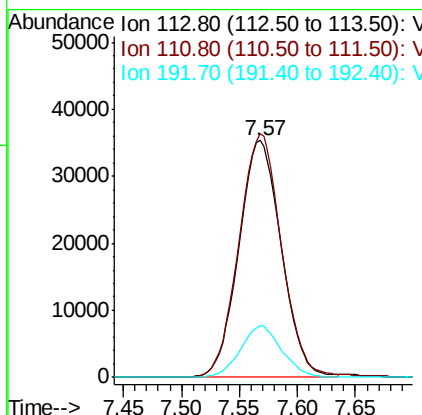
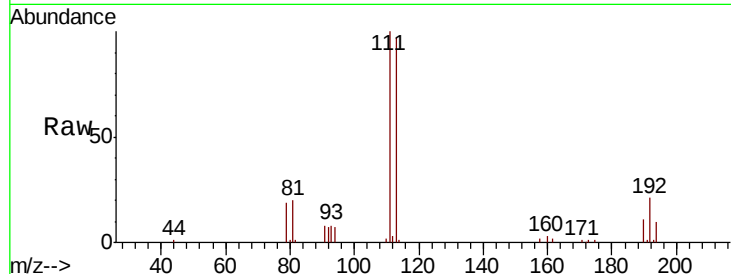




#35
 Dibromofluoromethane
 Concen: 50.841 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060060.D
 Acq: 11 Feb 2020 13:11

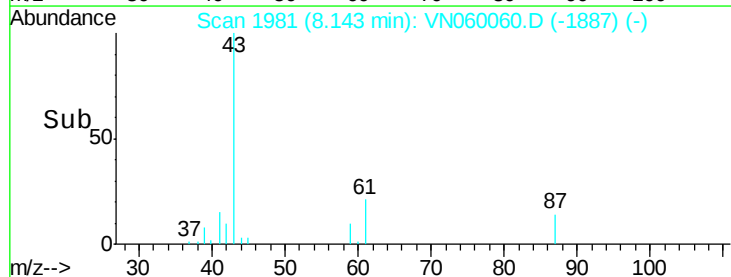
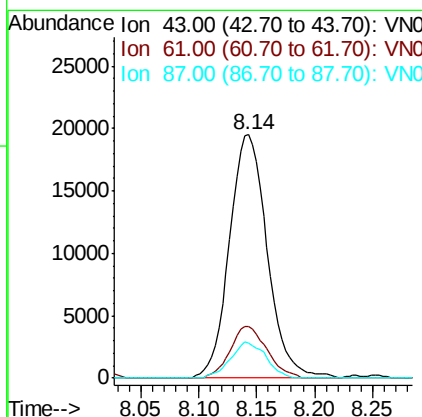
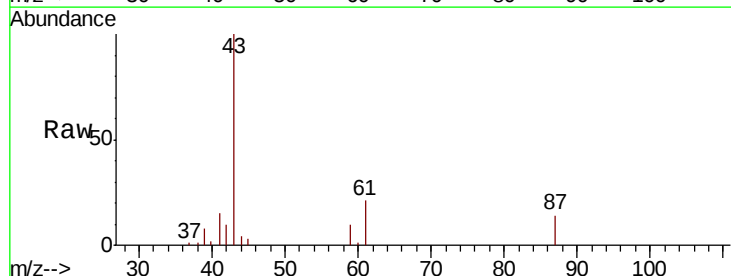
Instrument :
 MSVOA_N
 ClientSampleId :
 TR-05-021020

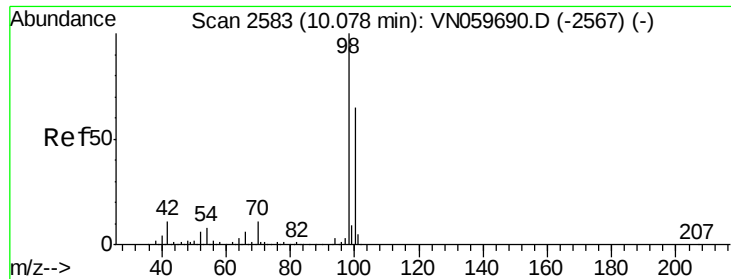
Tot Ion:113 Resp: 90230
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.5 125.3
 192 21.0 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 10.595 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060060.D
 Acq: 11 Feb 2020 13:11

Tgt Ion: 43 Resp: 44299
 Ion Ratio Lower Upper
 43 100
 61 20.5 20.2 30.2
 87 13.8 9.5 14.3





#50

Toluene-d8

Concen: 52.314 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060060.D

Acq: 11 Feb 2020 13:11

Instrument :

MSVOA_N

ClientSampled :

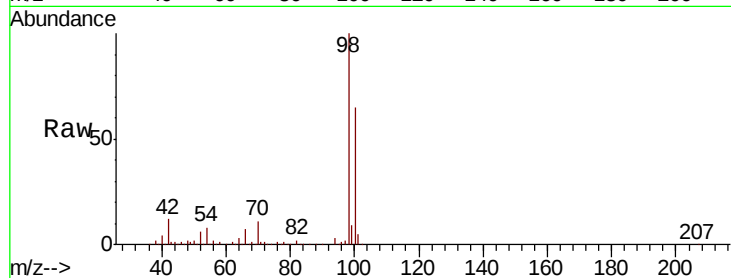
TR-05-021020

Tot Ion: 98 Resp: 359725

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN060060.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060060.D (-2490) (-)

10.08

200000

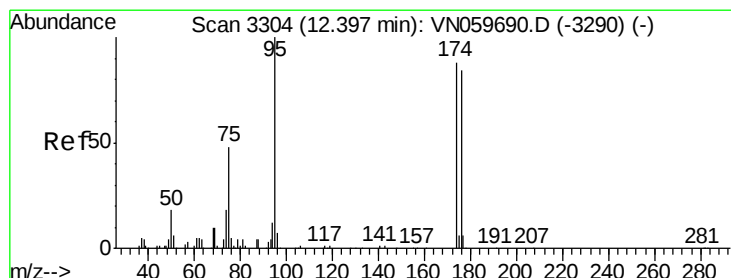
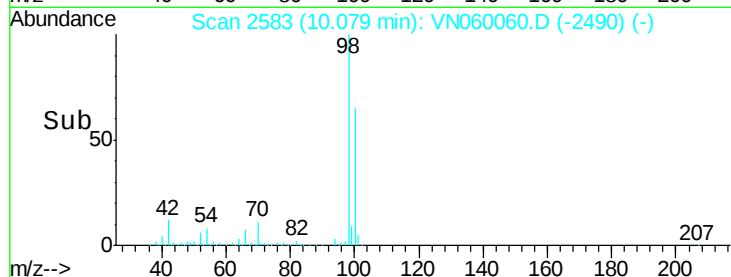
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.453 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060060.D

Acq: 11 Feb 2020 13:11

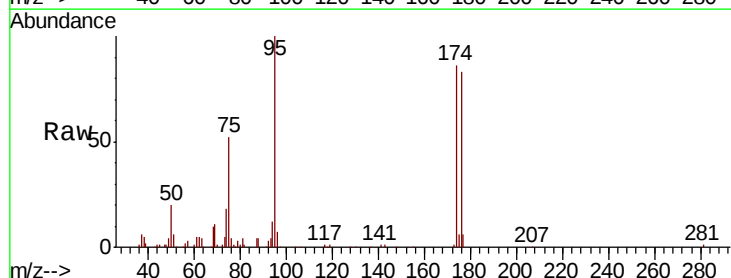
Tgt Ion: 95 Resp: 127546

Ion Ratio Lower Upper

95 100

174 85.6 0.0 151.4

176 84.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060060.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060060.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060060.D (-3211) (-)

12.40

100000

80000

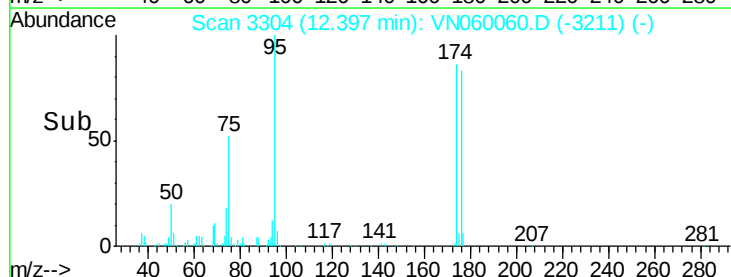
60000

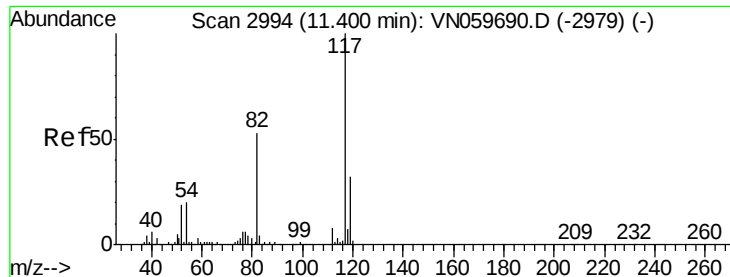
40000

20000

0

Time-->

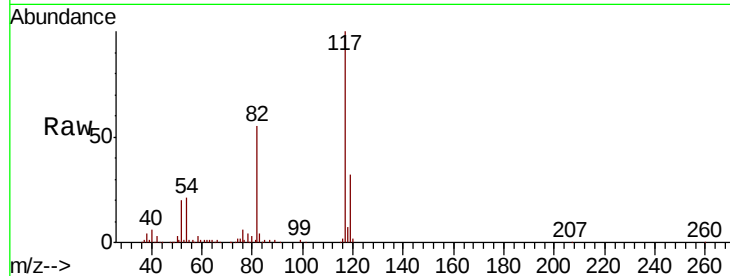




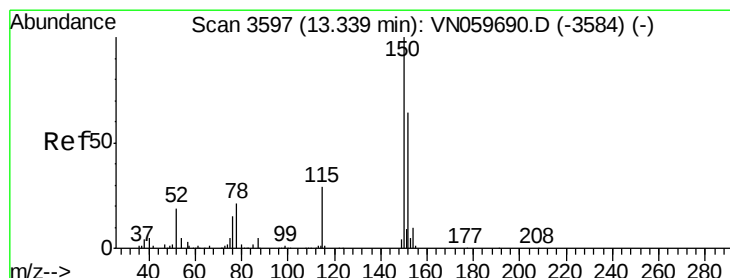
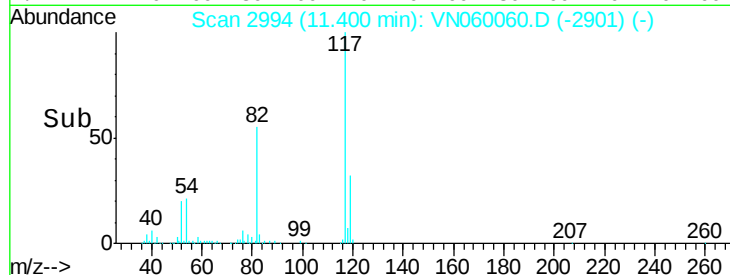
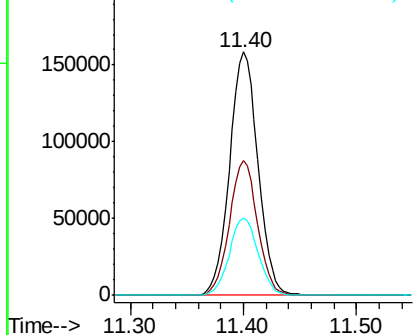
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060060.D
Acq: 11 Feb 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
TR-05-021020

Tot Ion:117 Resp: 276213
Ion Ratio Lower Upper
117 100
82 55.1 45.9 68.9
119 32.0 25.5 38.3

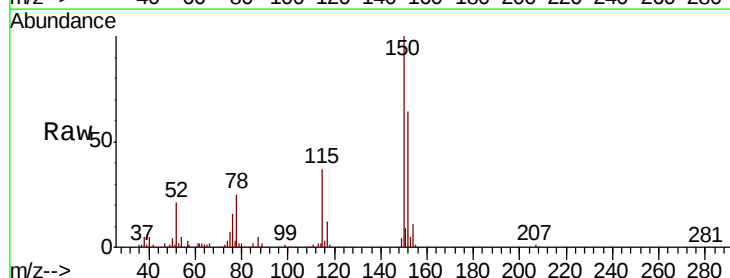


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060060.D
Acq: 11 Feb 2020 13:11

Tgt Ion:152 Resp: 124077
Ion Ratio Lower Upper
152 100
115 57.3 30.3 90.9
150 156.6 0.0 345.2



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

