

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060933.D
 Acq On : 14 Apr 2020 15:07
 Operator : JC/MD
 Sample : L2229-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-32

Quant Time: Apr 15 09:15:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

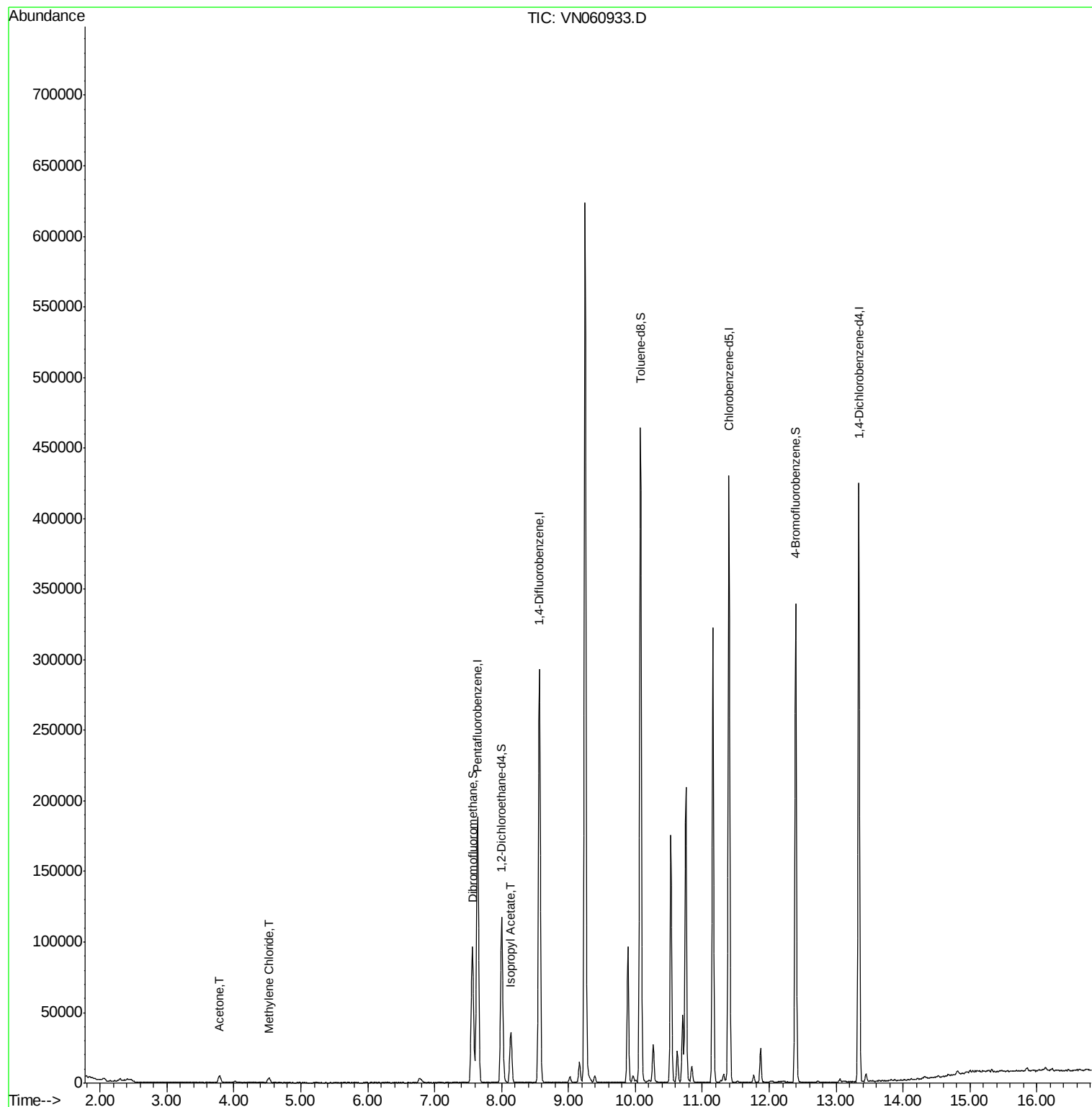
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	257723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	244392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100835	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	7.56	113	75502	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.08	98	319035	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.39	95	121746	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
16) Acetone	3.79	43	9335	12.608	ug/l	97
20) Methylene Chloride	4.53	84	2682	1.472	ug/l	87
43) Isopropyl Acetate	8.14	43	44117	9.920	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060933.D

Acq: 14 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

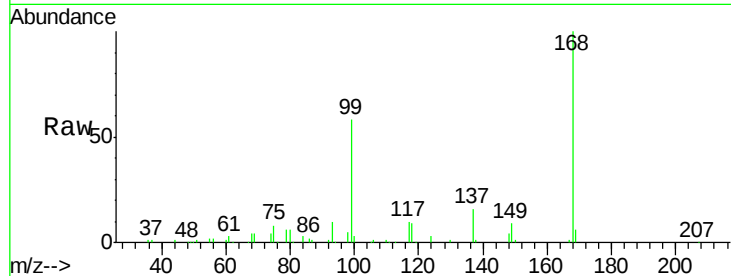
TP-32

Tot Ion:168 Resp: 152268

Ion Ratio Lower Upper

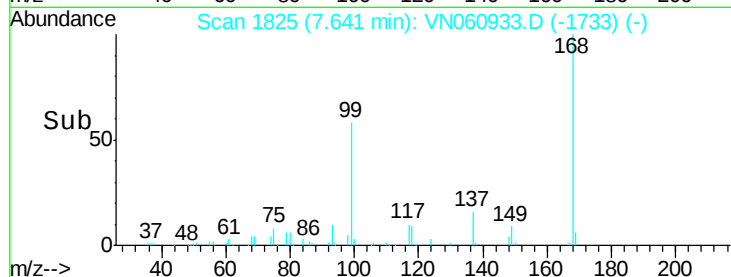
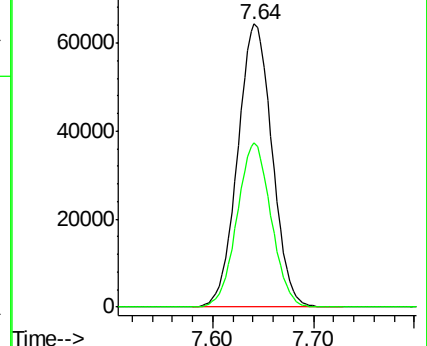
168 100

99 58.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.608 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060933.D

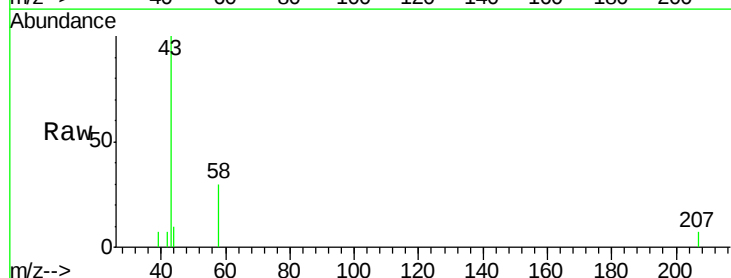
Acq: 14 Apr 2020 15:07

Tgt Ion: 43 Resp: 9335

Ion Ratio Lower Upper

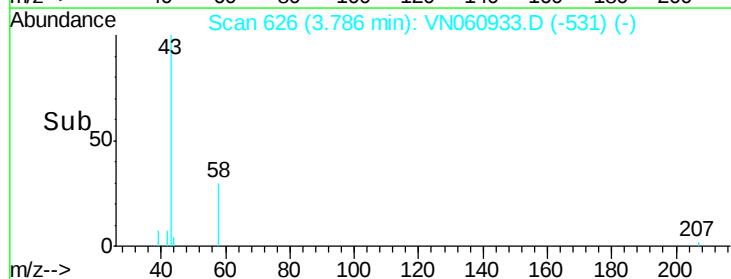
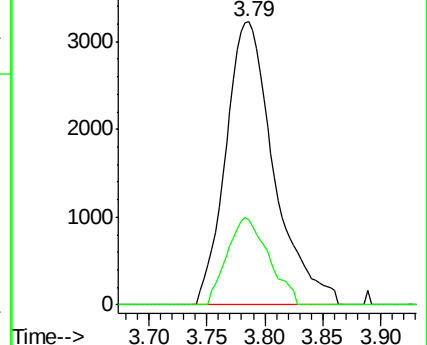
43 100

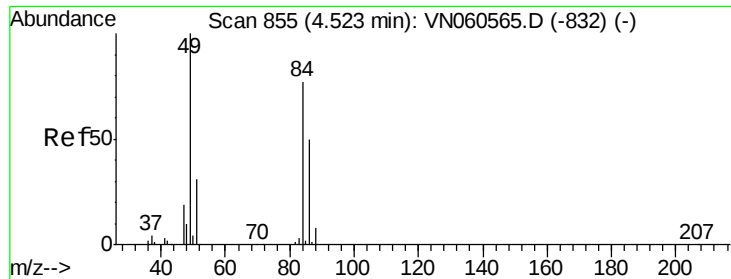
58 30.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

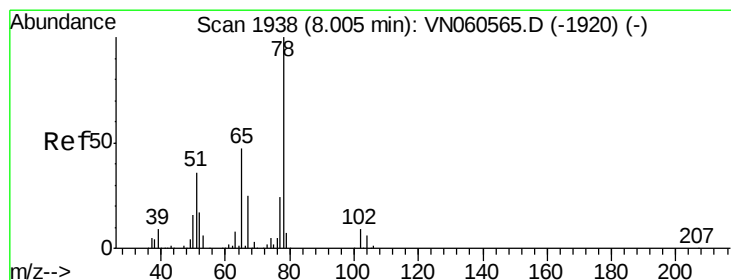
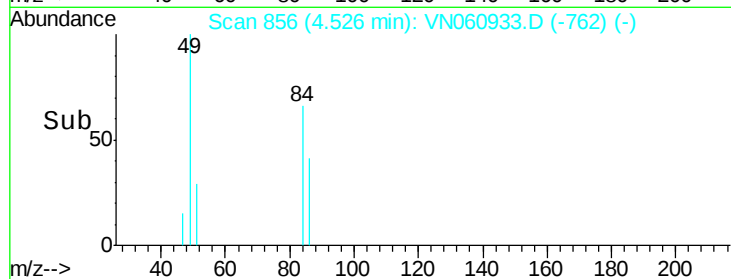
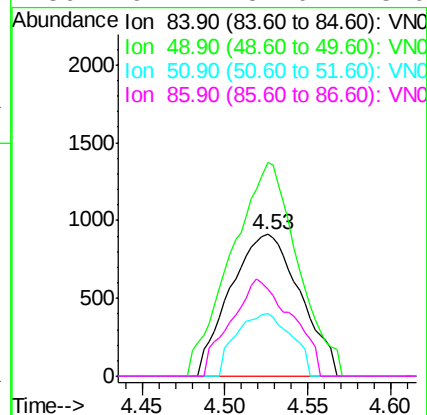
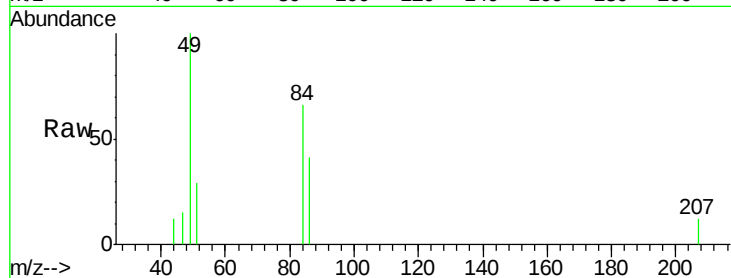




#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060933.D
Acq: 14 Apr 2020 15:07

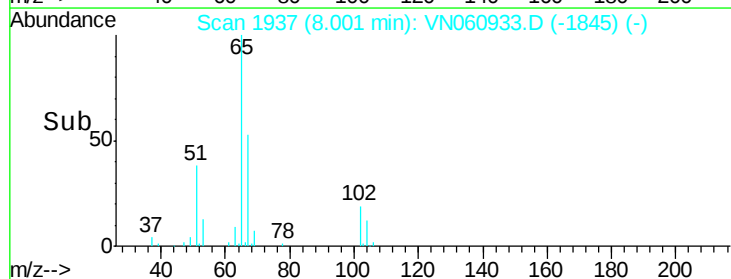
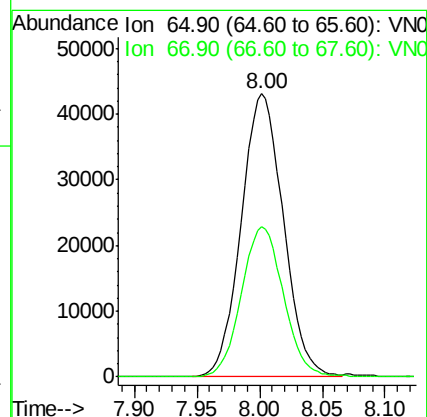
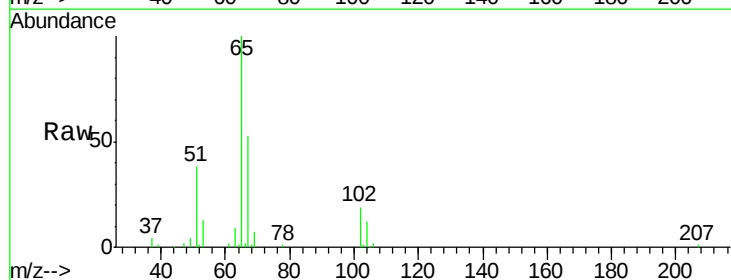
Instrument :
MSVOA_N
ClientSampled :
TP-32

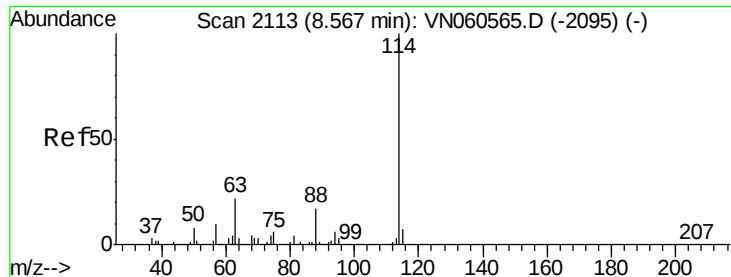
Tot Ion: 84 Resp: 2682
Ion Ratio Lower Upper
84 100
49 150.9 103.3 154.9
51 44.2 31.6 47.4
86 61.4 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 48.240 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060933.D
Acq: 14 Apr 2020 15:07

Tgt Ion: 65 Resp: 100835
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.6

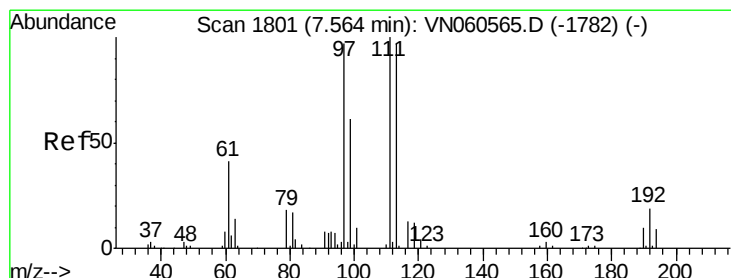
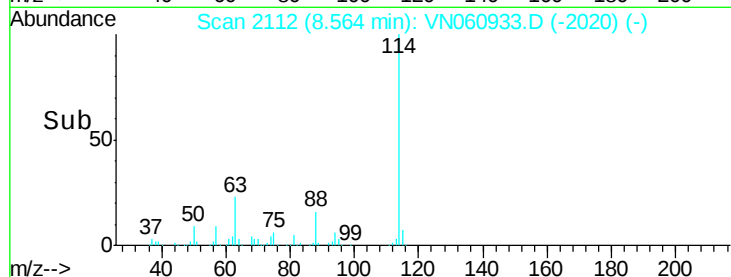
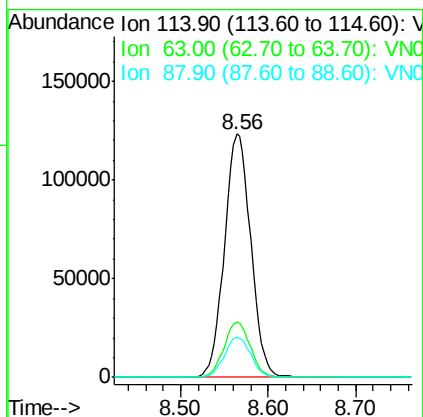
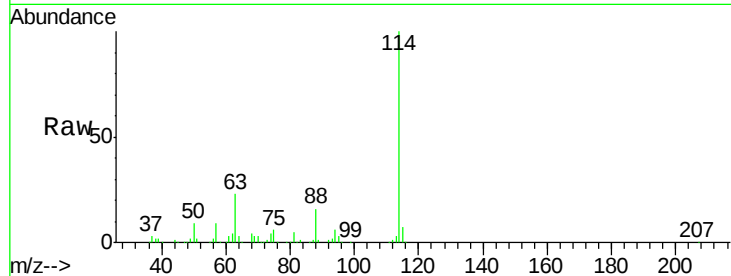




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060933.D
 Acq: 14 Apr 2020 15:07

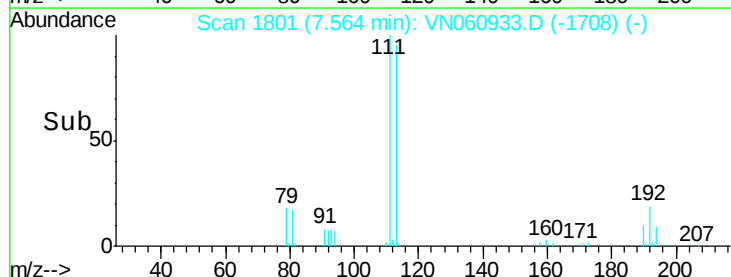
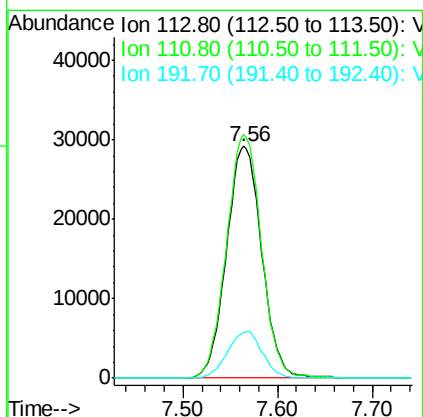
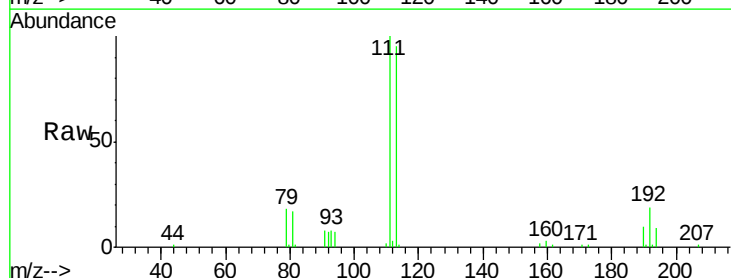
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-32

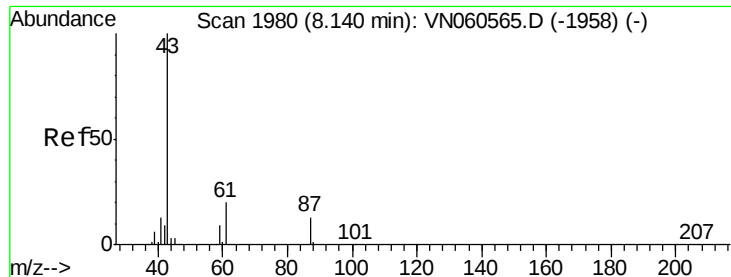
Tot Ion:114 Resp: 257723
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.449 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060933.D
 Acq: 14 Apr 2020 15:07

Tgt Ion:113 Resp: 75502
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.9 124.3
 192 19.7 15.8 23.8





#43

Isopropyl Acetate

Concen: 9.920 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060933.D

Acq: 14 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

TP-32

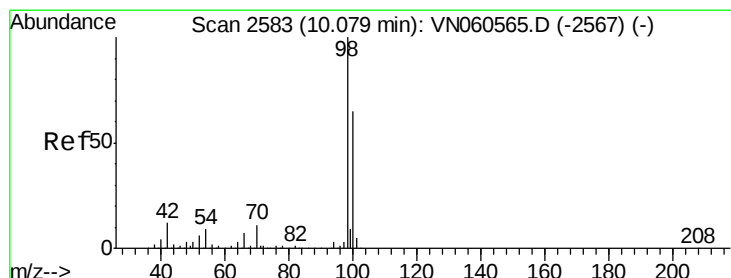
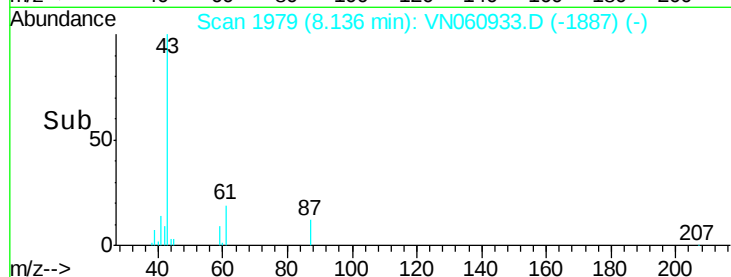
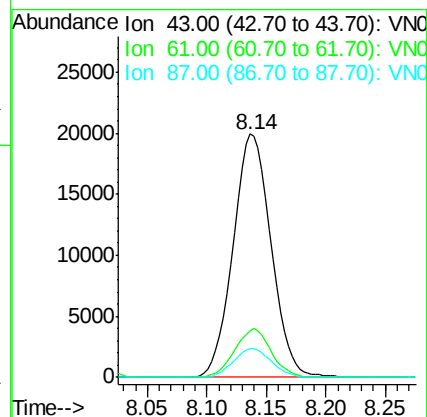
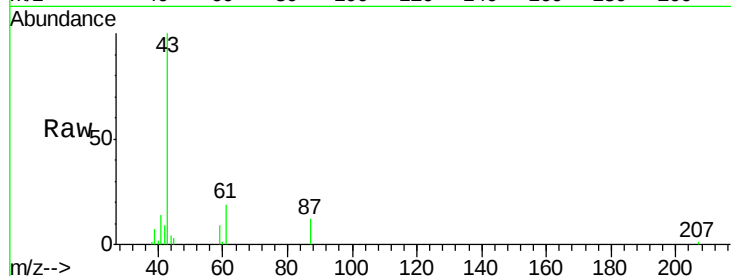
Tot Ion: 43 Resp: 44117

Ion Ratio Lower Upper

43 100

61 19.0 20.7 31.1#

87 11.6 9.8 14.8



#50

Toluene-d8

Concen: 50.121 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060933.D

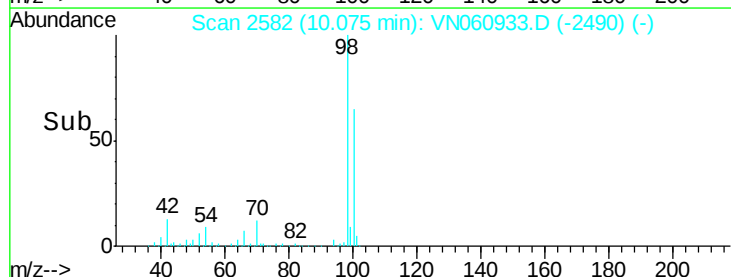
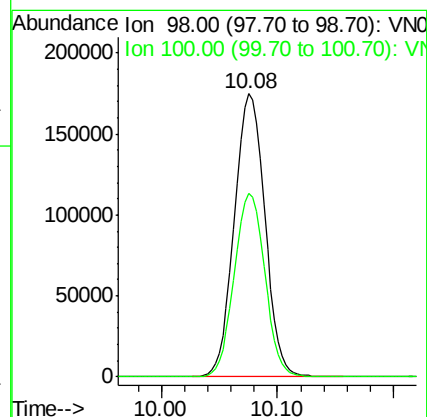
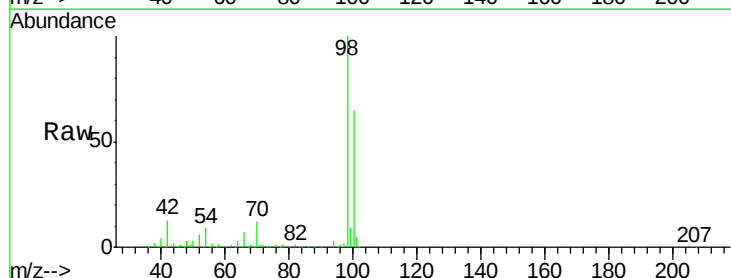
Acq: 14 Apr 2020 15:07

Tgt Ion: 98 Resp: 319035

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 52.189 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060933.D

Acq: 14 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

TP-32

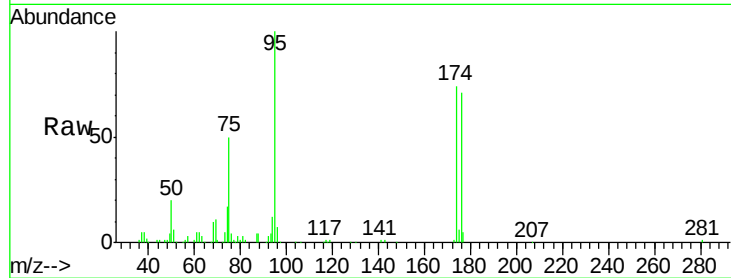
Tot Ion: 95 Resp: 121746

Ion Ratio Lower Upper

95 100

174 75.9 0.0 157.6

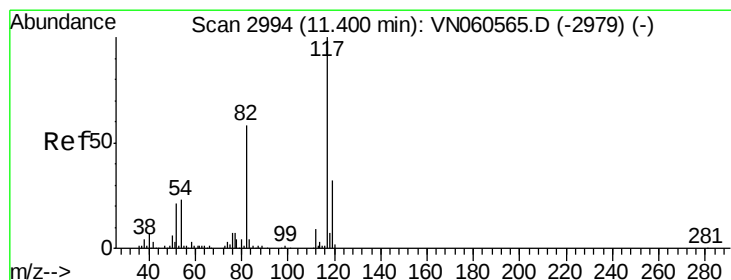
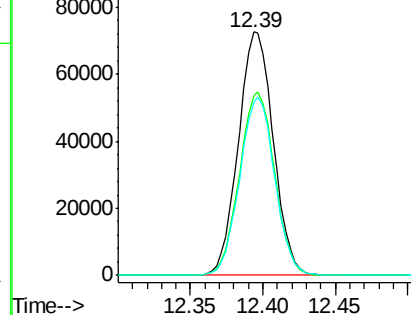
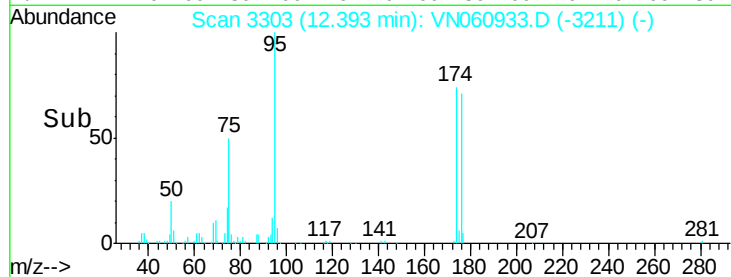
176 73.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060933.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060933.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060933.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060933.D

Acq: 14 Apr 2020 15:07

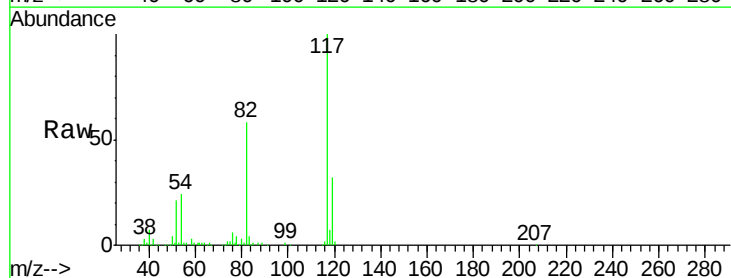
Tgt Ion: 117 Resp: 244392

Ion Ratio Lower Upper

117 100

82 58.3 46.7 70.1

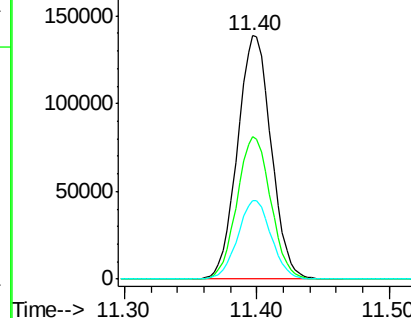
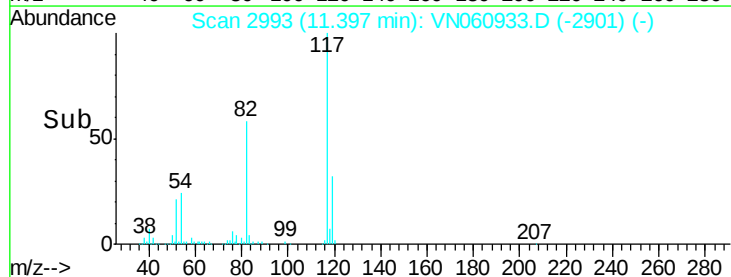
119 32.4 25.5 38.3

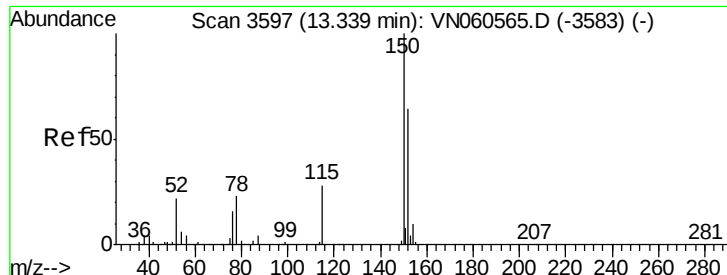


Abundance Ion 116.90 (116.60 to 117.60): VN060933.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060933.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060933.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060933.D

Acq: 14 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

TP-32

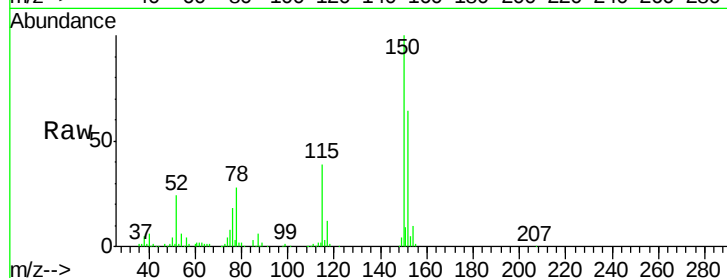
Tot Ion:152 Resp: 109601

Ion Ratio Lower Upper

152 100

115 60.8 30.2 90.6

150 157.8 0.0 350.2



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

