

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060353.D
 Acq On : 4 Mar 2020 16:57
 Operator : JC/MD
 Sample : L1775-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CR-2

Quant Time: Mar 05 06:49:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

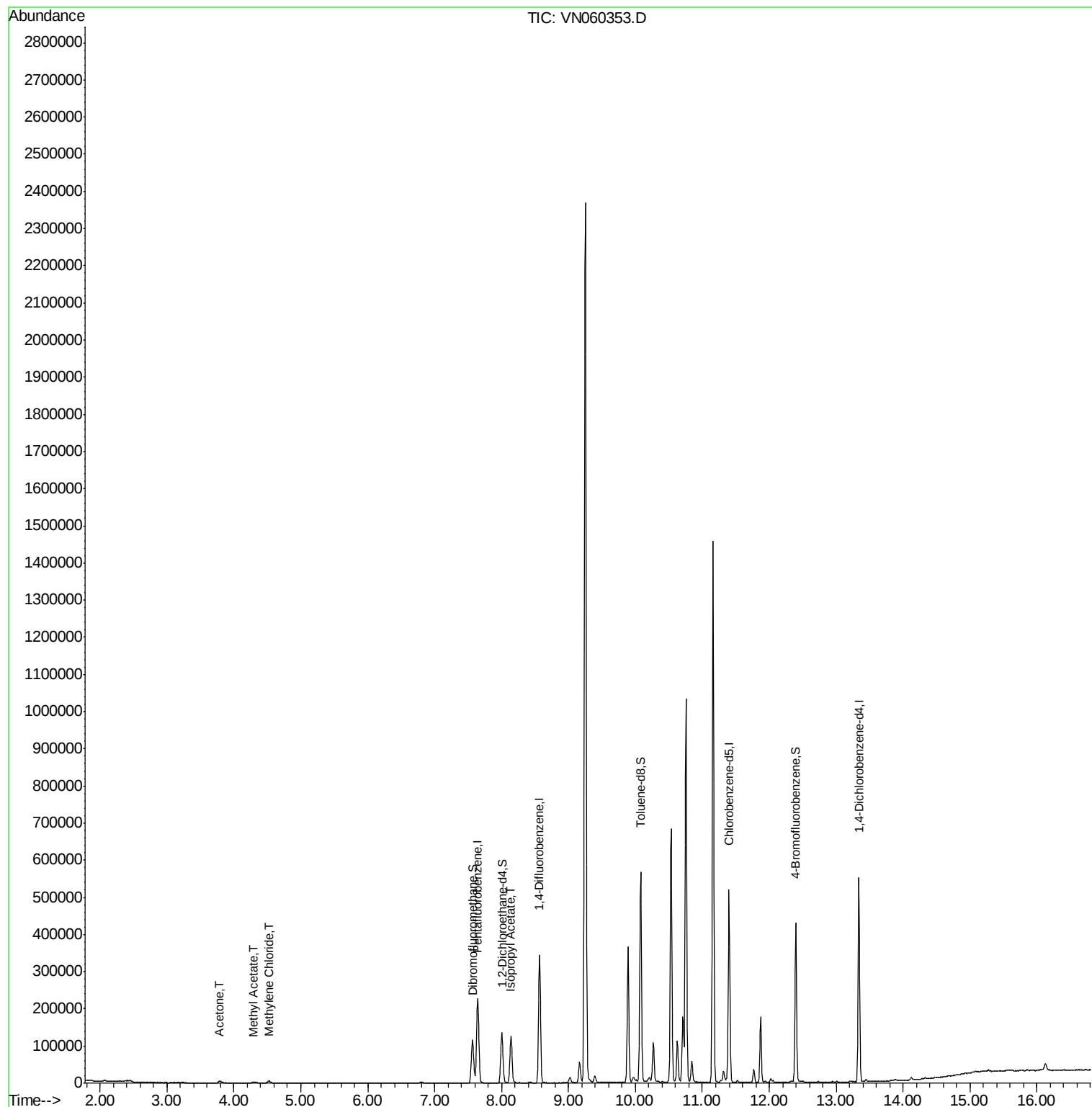
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119833	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.57	113	88688	62.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.88%	
50) Toluene-d8	10.08	98	377113	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.40	95	146160	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
Target Compounds						
16) Acetone	3.79	43	9926	12.866	ug/l	91
18) Methyl Acetate	4.30	43	4262	1.655	ug/l #	87
20) Methylene Chloride	4.52	84	4279	2.020	ug/l	96
43) Isopropyl Acetate	8.14	43	150069	31.288	ug/l #	91

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

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QLast Update : Thu Feb 27 13:52:50 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: VN060353.D

Acq: 4 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampled :

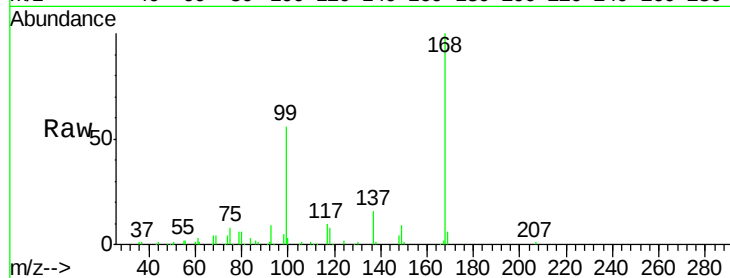
CR-2

Tot Ion:168 Resp: 186205

Ion Ratio Lower Upper

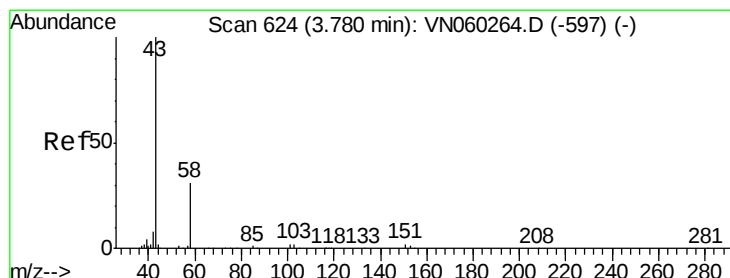
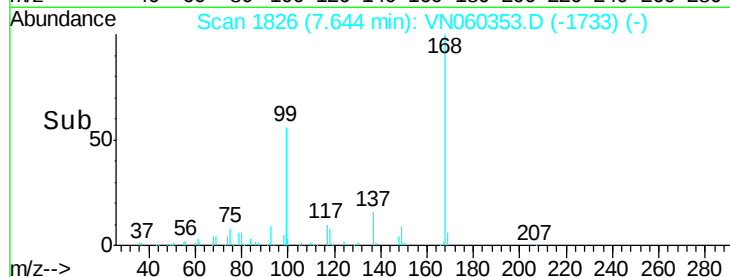
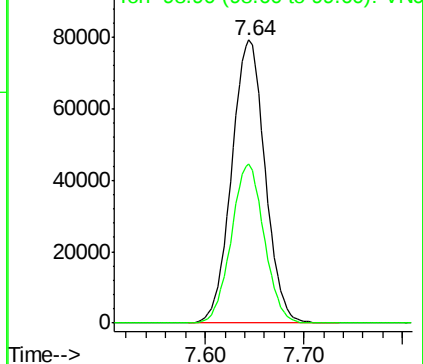
168 100

99 56.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 12.866 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060353.D

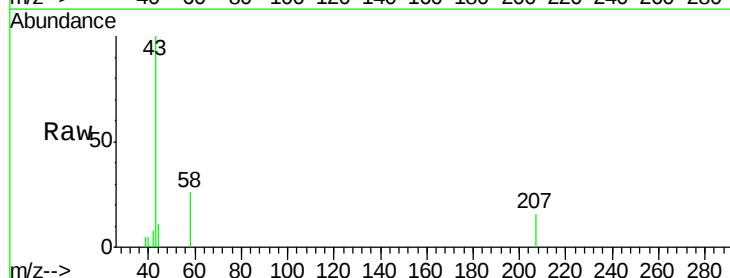
Acq: 4 Mar 2020 16:57

Tgt Ion: 43 Resp: 9926

Ion Ratio Lower Upper

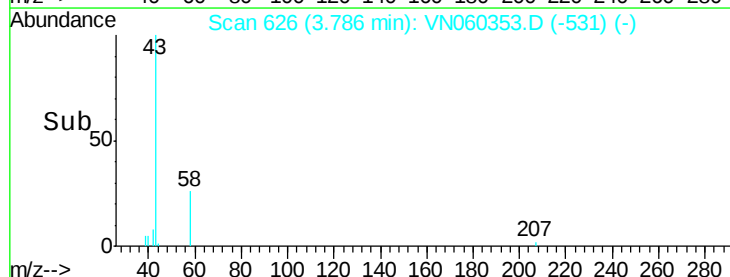
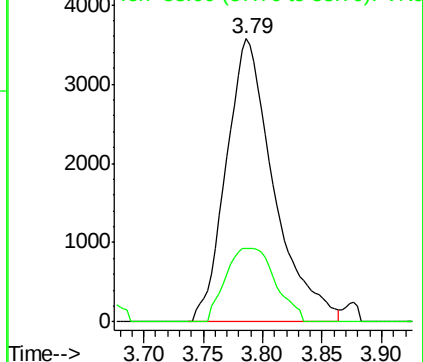
43 100

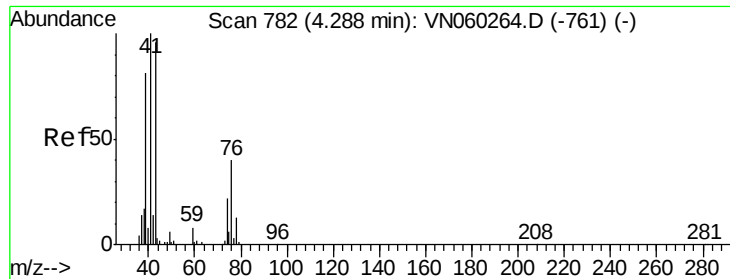
58 25.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

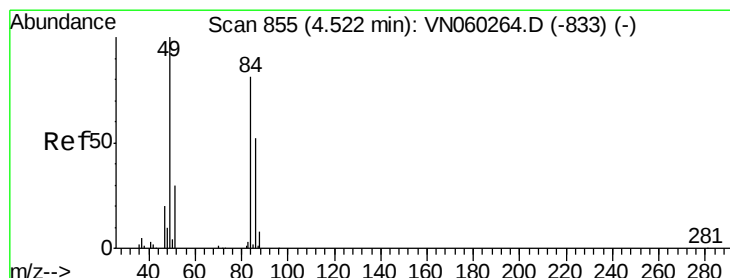
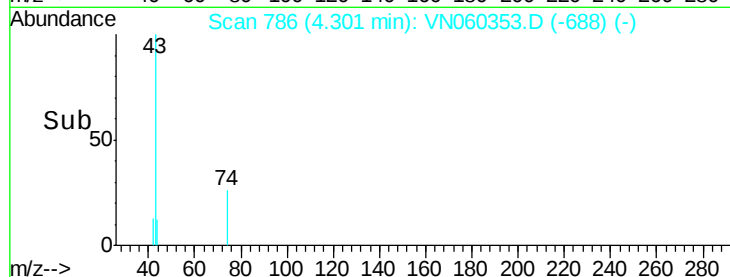
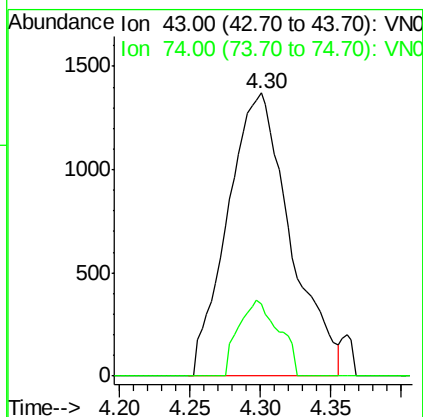
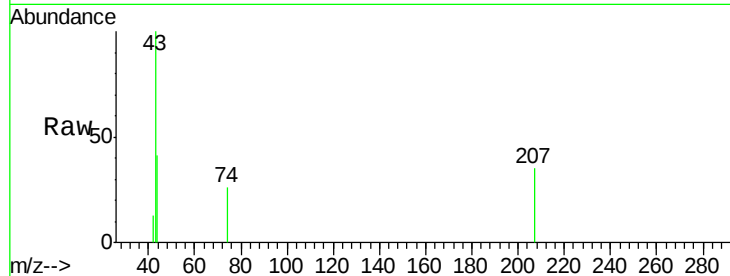




#18
Methyl Acetate
Concen: 1.655 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN060353.D
Acq: 4 Mar 2020 16:57

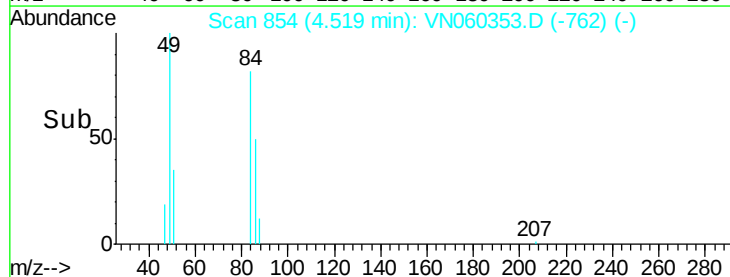
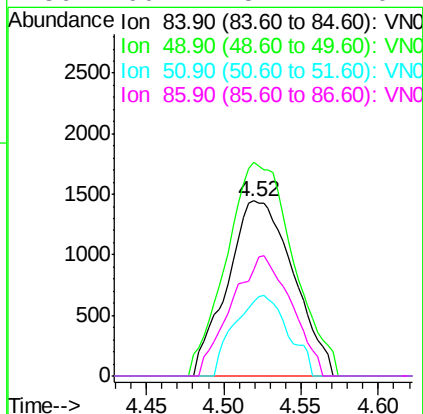
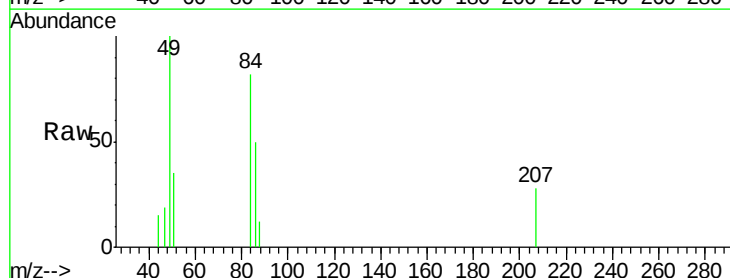
Instrument :
MSVOA_N
ClientSampled :
CR-2

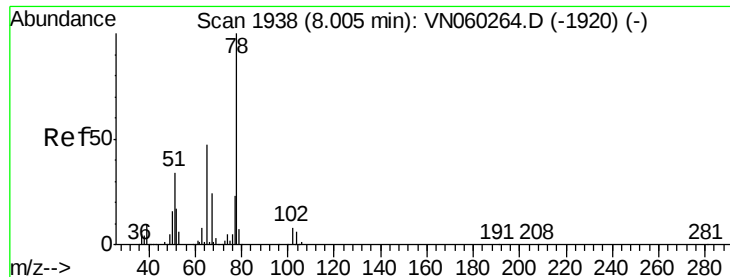
Tot Ion: 43 Resp: 4262
Ion Ratio Lower Upper
43 100
74 17.4 18.8 28.2#



#20
Methylene Chloride
Concen: 2.020 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060353.D
Acq: 4 Mar 2020 16:57

Tgt Ion: 84 Resp: 4279
Ion Ratio Lower Upper
84 100
49 122.2 99.3 148.9
51 42.7 30.1 45.1
86 60.7 51.1 76.7

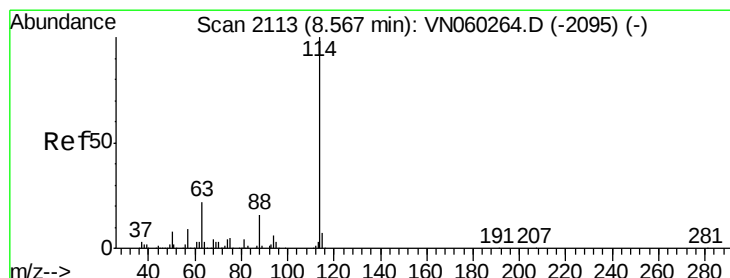
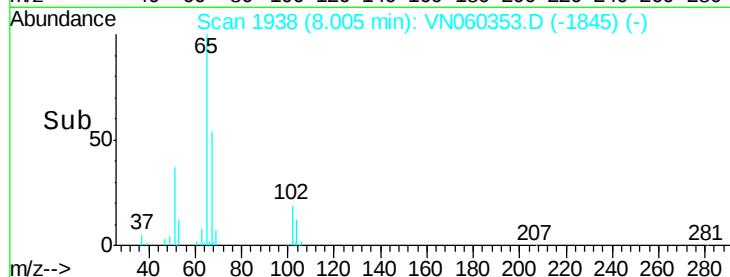
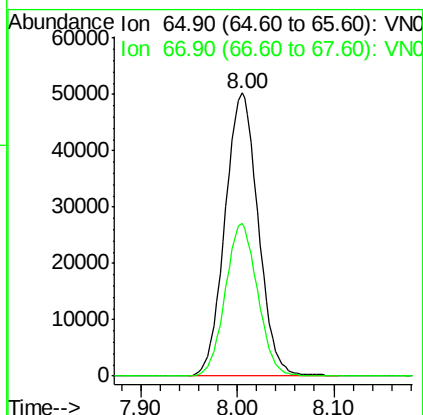
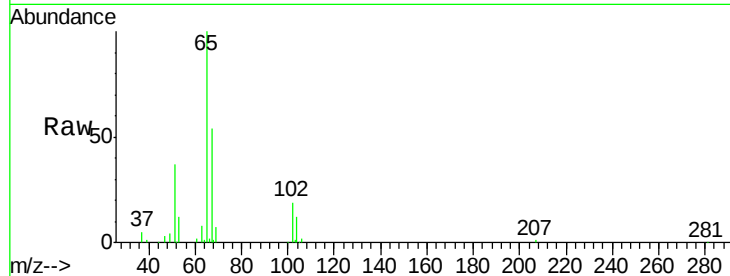




#33
 1,2-Dichloroethane-d4
 Concen: 50.160 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060353.D
 Acq: 4 Mar 2020 16:57

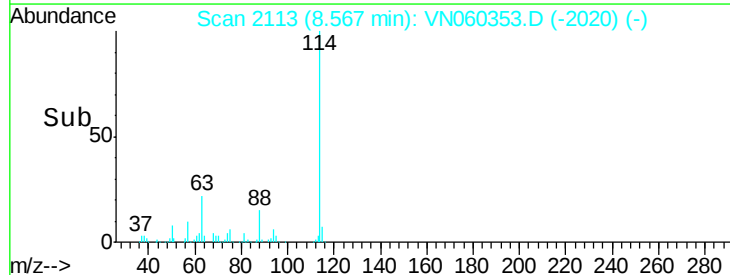
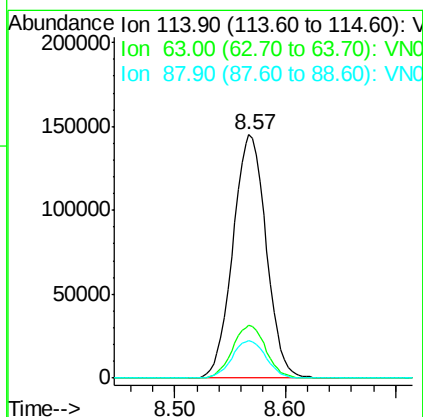
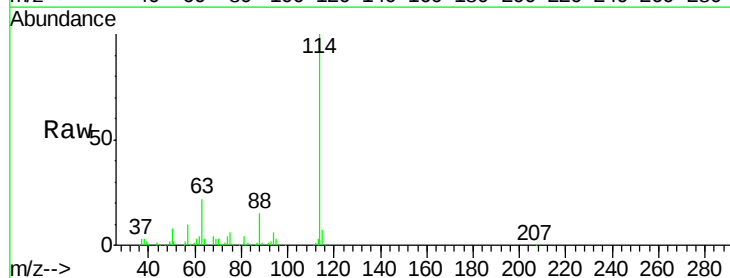
Instrument :
 MSVOA_N
 ClientSampleId :
 CR-2

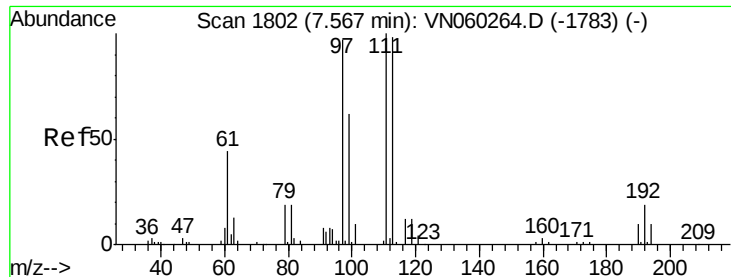
Tot Ion: 65 Resp: 119833
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060353.D
 Acq: 4 Mar 2020 16:57

Tgt Ion: 114 Resp: 303596
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.5 0.0 31.6

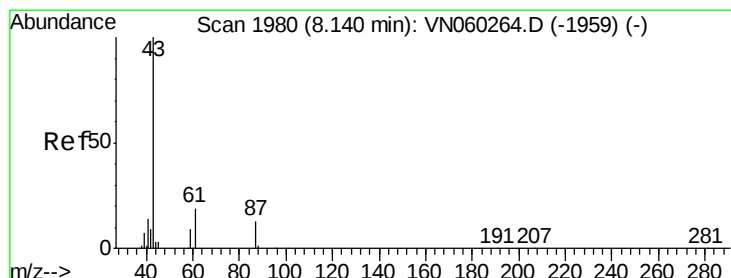
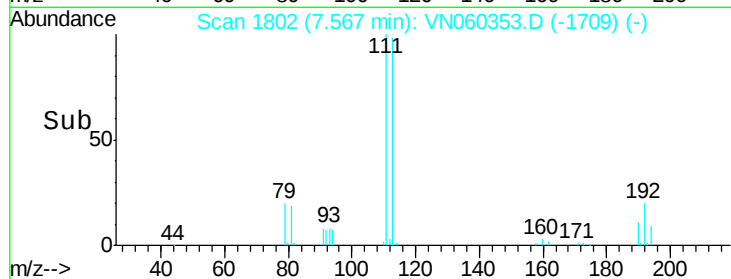
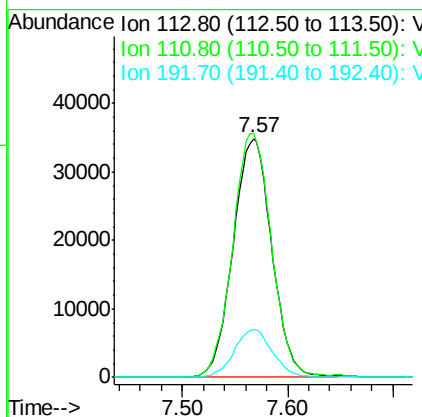
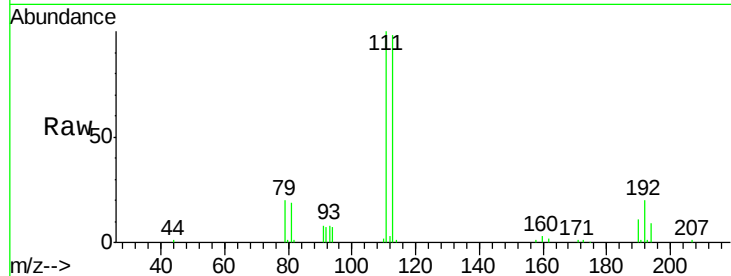




#35
 Dibromofluoromethane
 Concen: 62.935 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060353.D
 Acq: 4 Mar 2020 16:57

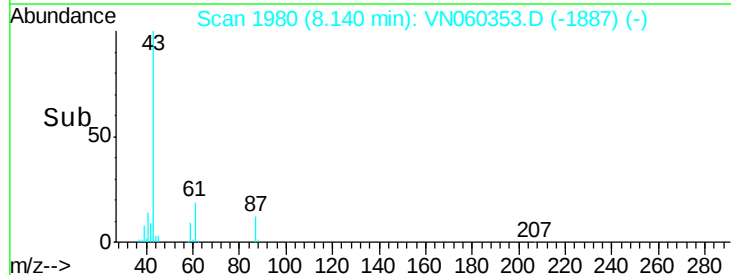
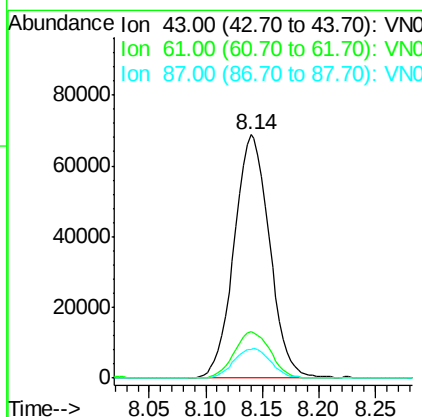
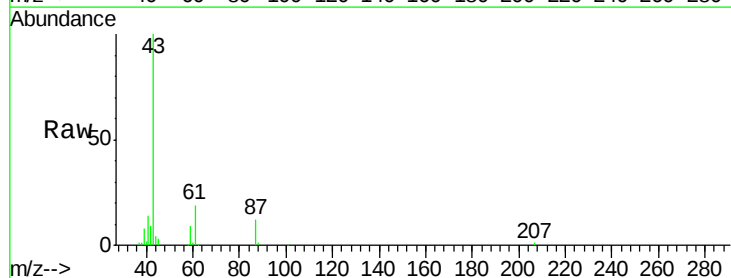
Instrument :
 MSVOA_N
 ClientSampleId :
 CR-2

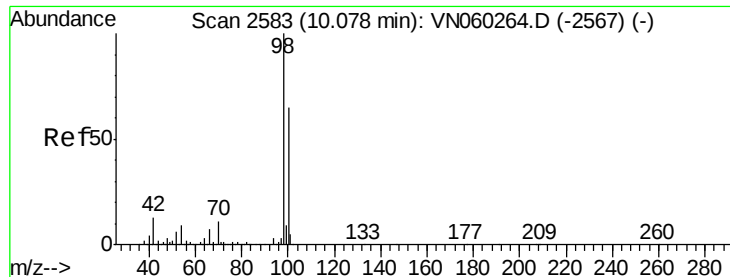
Tot Ion:113 Resp: 88688
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 19.7 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 31.288 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060353.D
 Acq: 4 Mar 2020 16:57

Tgt Ion: 43 Resp: 150069
 Ion Ratio Lower Upper
 43 100
 61 19.5 20.9 31.3#
 87 12.5 10.6 16.0





#50

Toluene-d8

Concen: 52.875 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060353.D

Acq: 4 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampleId :

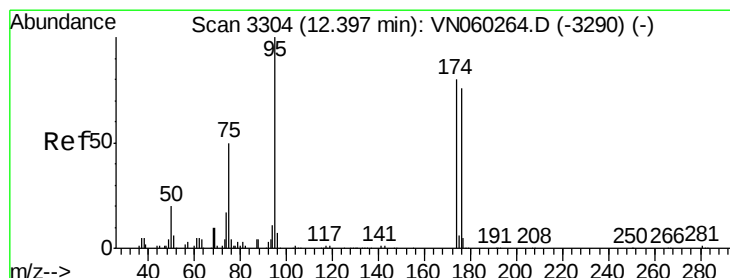
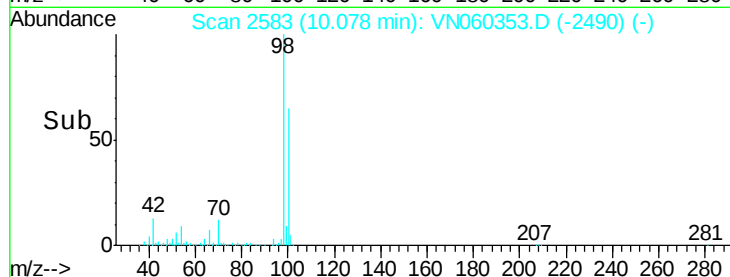
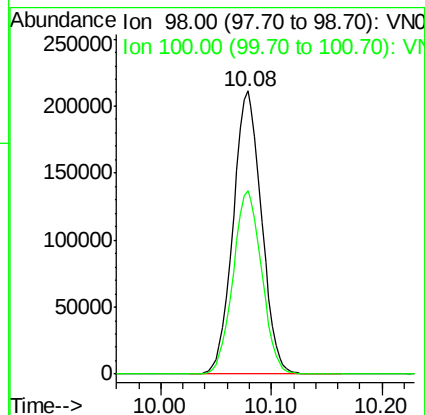
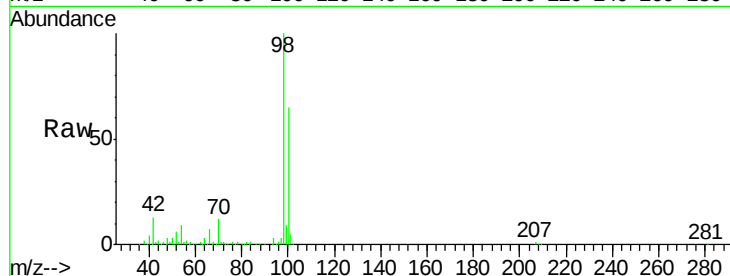
CR-2

Tot Ion: 98 Resp: 377113

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 54.061 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060353.D

Acq: 4 Mar 2020 16:57

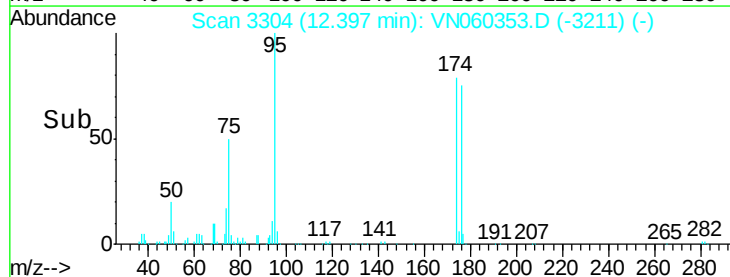
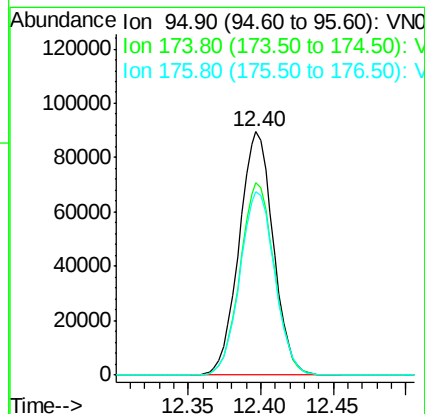
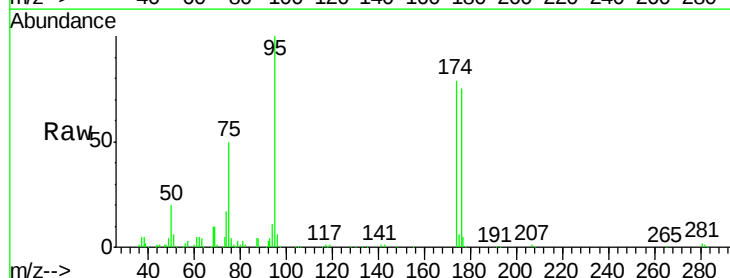
Tgt Ion: 95 Resp: 146160

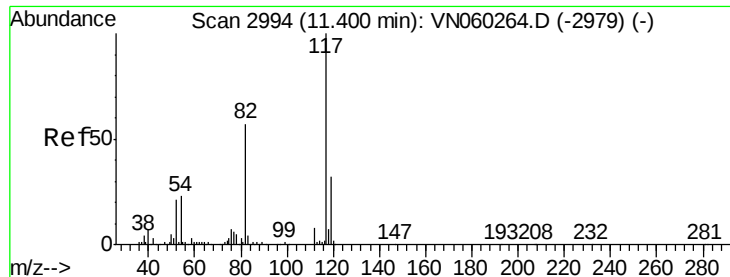
Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.2

176 77.1 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060353.D

Acq: 4 Mar 2020 16:57

Instrument :

MSVOA_N

ClientSampled :

CR-2

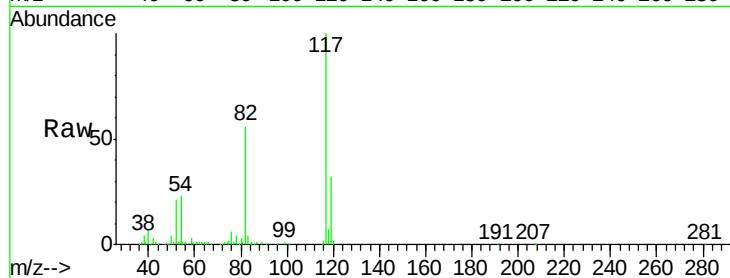
Tot Ion:117 Resp: 291889

Ion Ratio Lower Upper

117 100

82 56.3 45.8 68.6

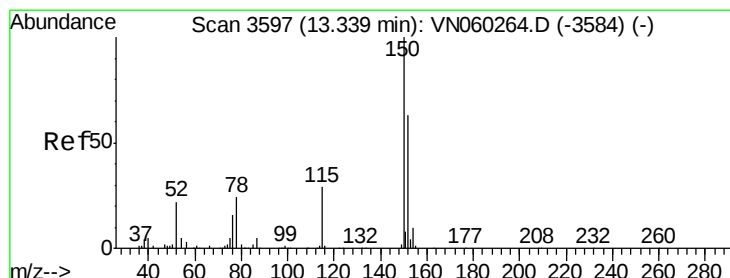
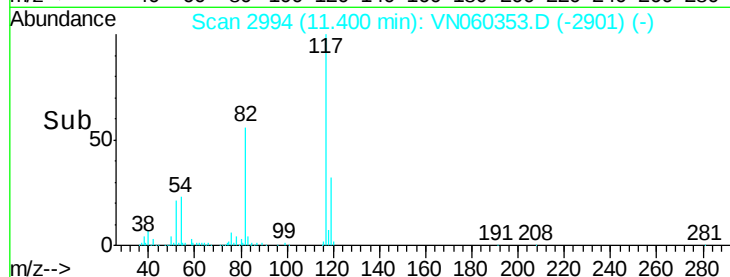
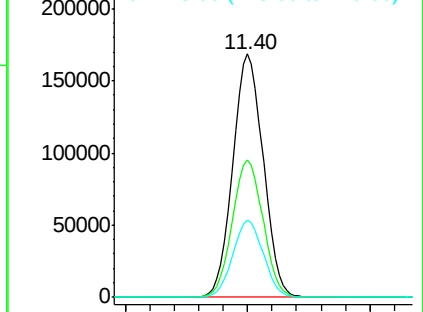
119 31.6 25.8 38.8



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: VN060353.D

Acq: 4 Mar 2020 16:57

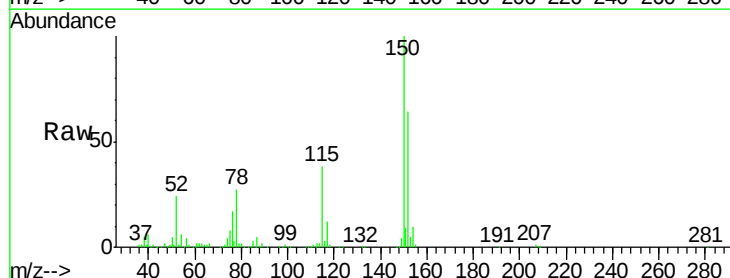
Tgt Ion:152 Resp: 141830

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.3 0.0 349.6



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

