

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060471.D
 Acq On : 12 Mar 2020 12:09
 Operator : JC/MD
 Sample : L1797-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6-FEET

Quant Time: Mar 13 02:32:49 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

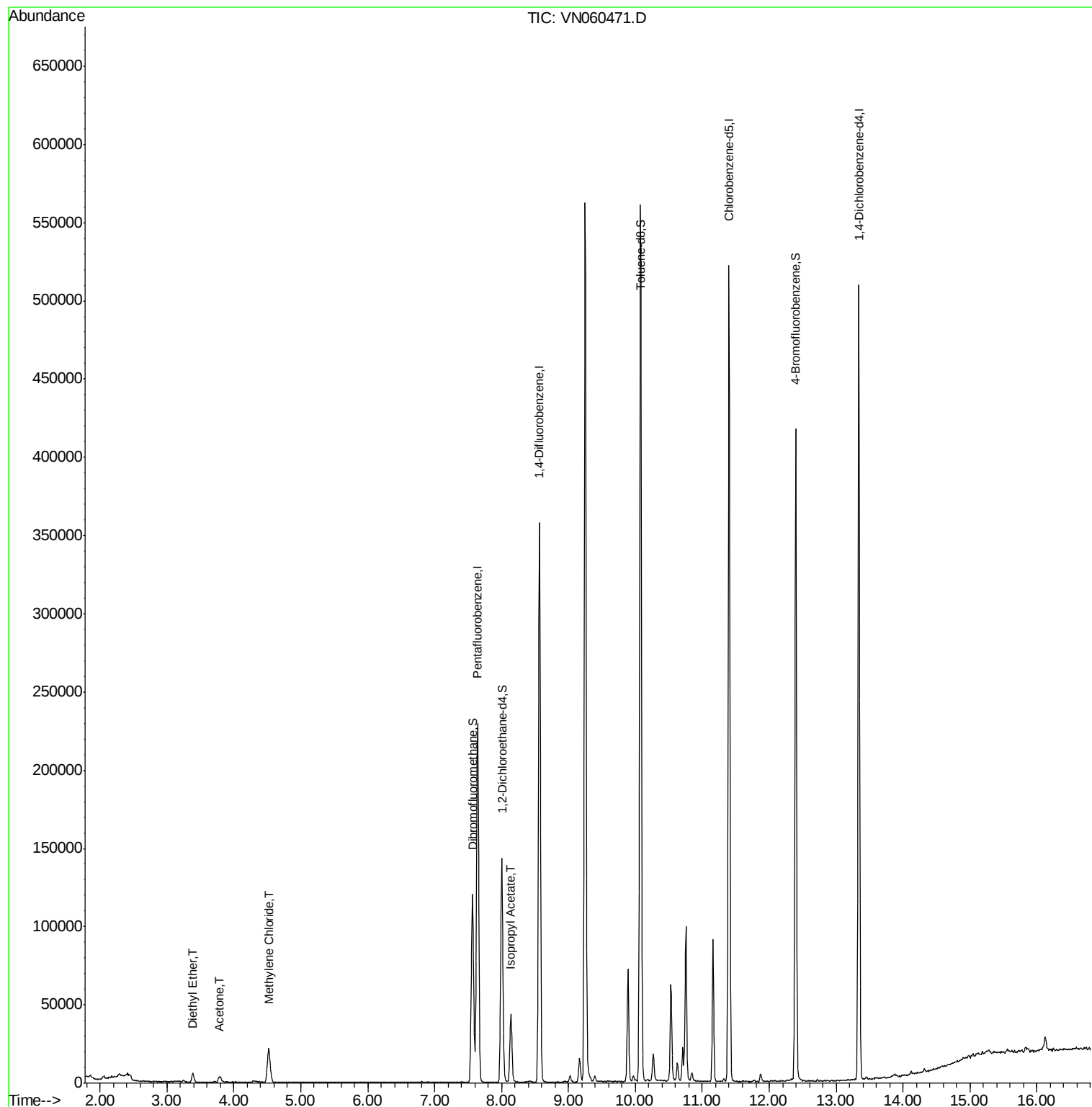
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123780	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	7.56	113	92934	64.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.18%	
50) Toluene-d8	10.08	98	383143	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	142794	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
8) Diethyl Ether	3.39	74	2852	2.300	ug/l	96
16) Acetone	3.79	43	7687	9.879	ug/l	93
20) Methylene Chloride	4.52	84	16195	7.579	ug/l	96
43) Isopropyl Acetate	8.14	43	51894	10.514	ug/l #	91

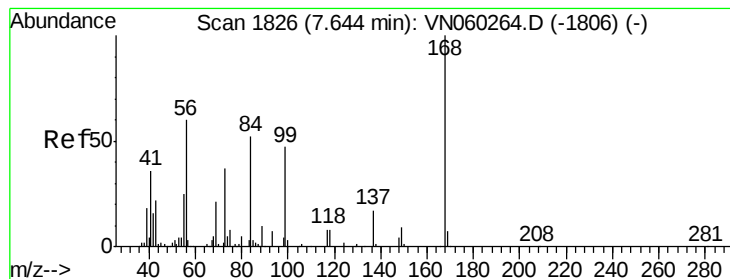
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060471.D

Acq: 12 Mar 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

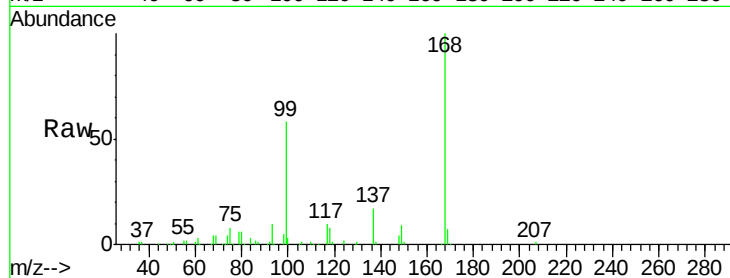
6-FEET

Tot Ion:168 Resp: 187802

Ion Ratio Lower Upper

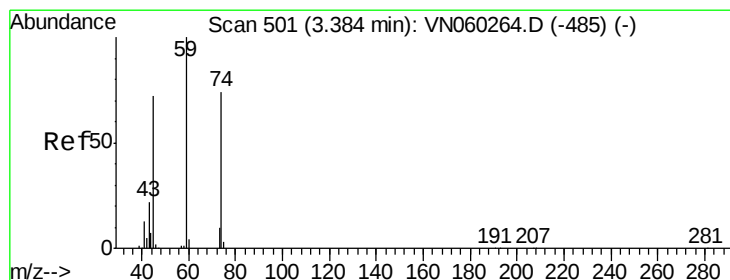
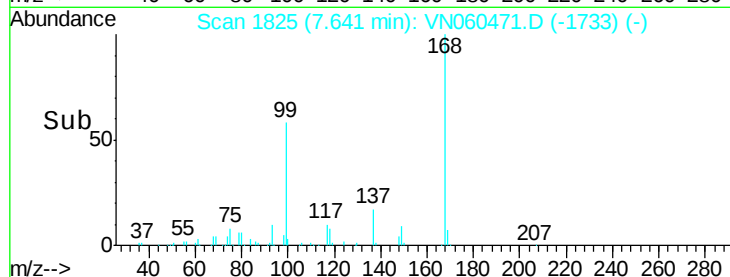
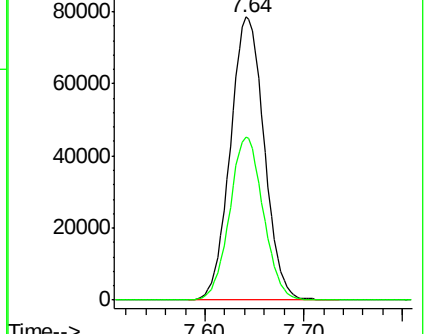
168 100

99 57.7 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#8

Diethyl Ether

Concen: 2.300 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN060471.D

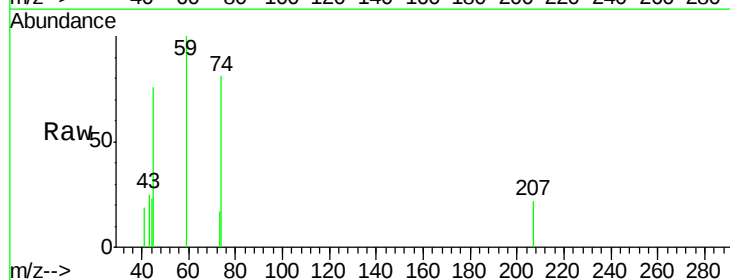
Acq: 12 Mar 2020 12:09

Tgt Ion: 74 Resp: 2852

Ion Ratio Lower Upper

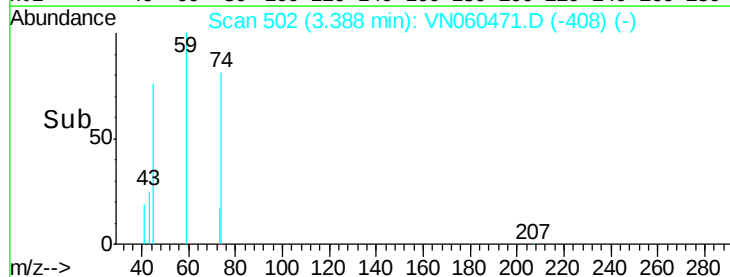
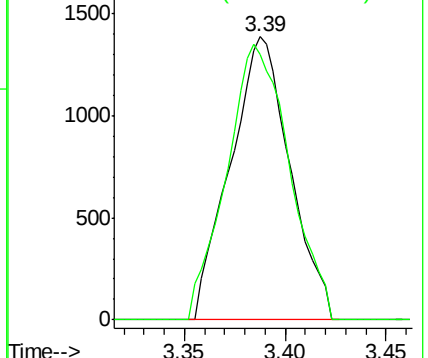
74 100

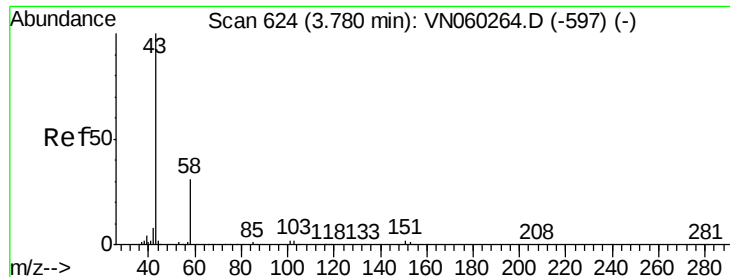
45 102.9 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN





#16

Acetone

Concen: 9.879 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060471.D

Acq: 12 Mar 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

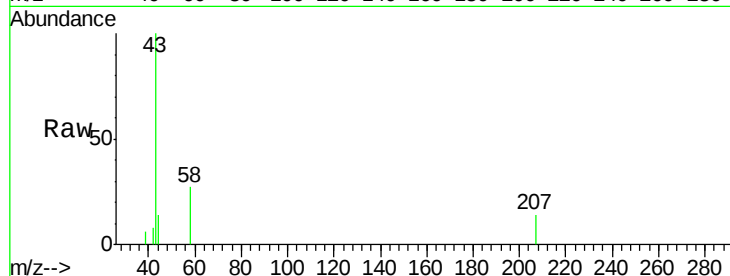
6-FEET

Tot Ion: 43 Resp: 7687

Ion Ratio Lower Upper

43 100

58 26.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060471.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060471.D (-531) (-)

3.79

2500

2000

1500

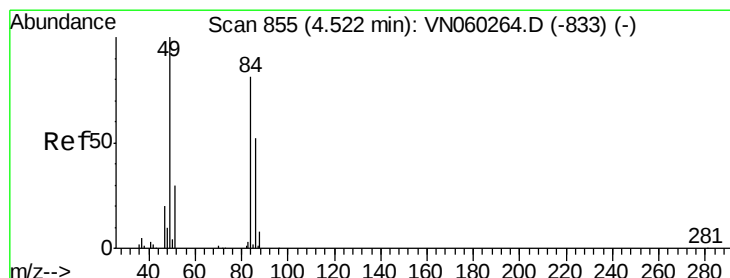
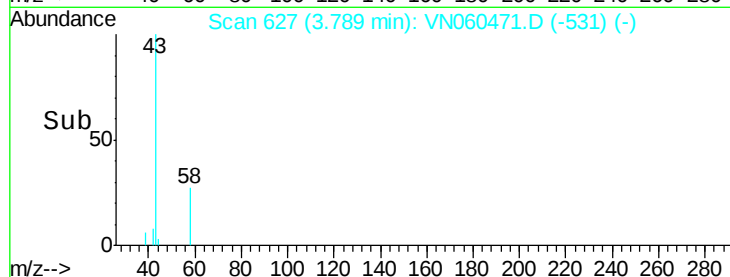
1000

500

0

Time-->

3.70 3.75 3.80 3.85 3.90



#20

Methylene Chloride

Concen: 7.579 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060471.D

Acq: 12 Mar 2020 12:09

Tgt Ion: 84 Resp: 16195

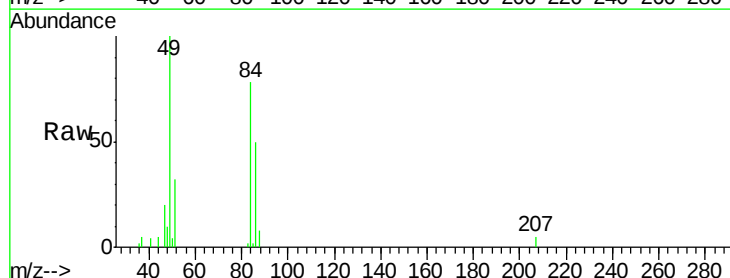
Ion Ratio Lower Upper

84 100

49 128.9 99.3 148.9

51 41.8 30.1 45.1

86 65.1 51.1 76.7



Abundance Ion 83.90 (83.60 to 84.60): VN060471.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060471.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060471.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060471.D (-762) (-)

4.52

10000

8000

6000

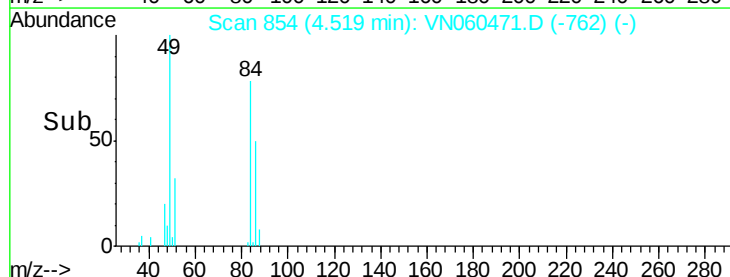
4000

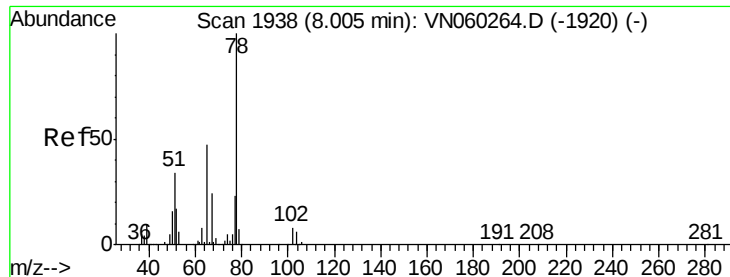
2000

0

Time-->

4.45 4.50 4.55 4.60

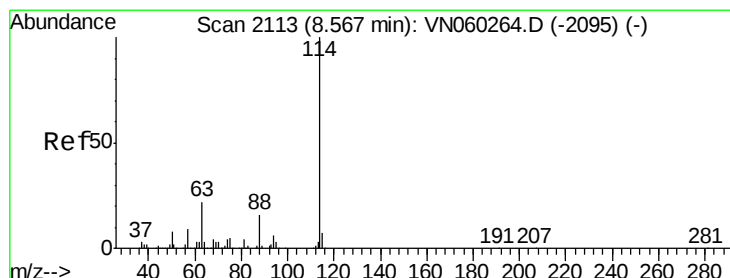
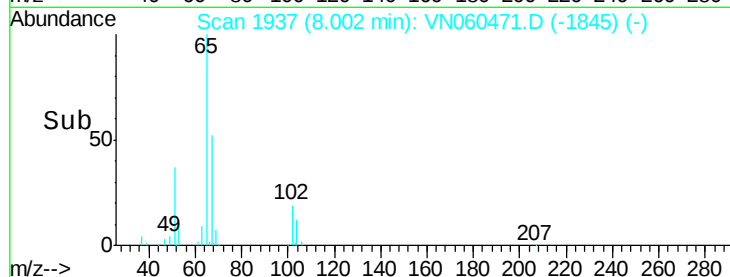
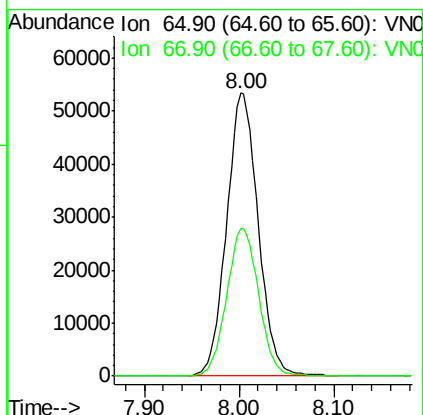
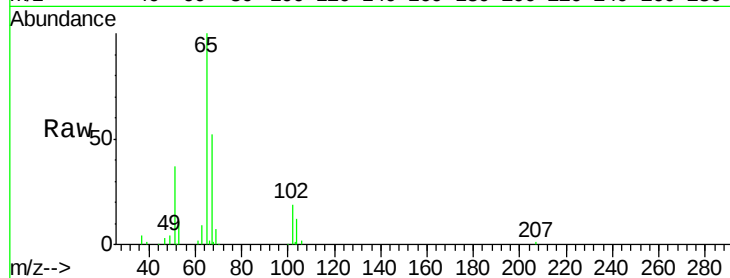




#33
 1,2-Dichloroethane-d4
 Concen: 51.371 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060471.D
 Acq: 12 Mar 2020 12:09

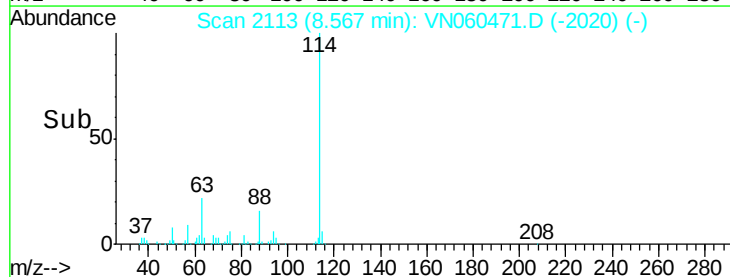
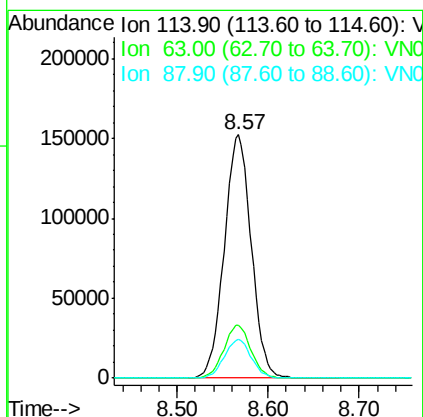
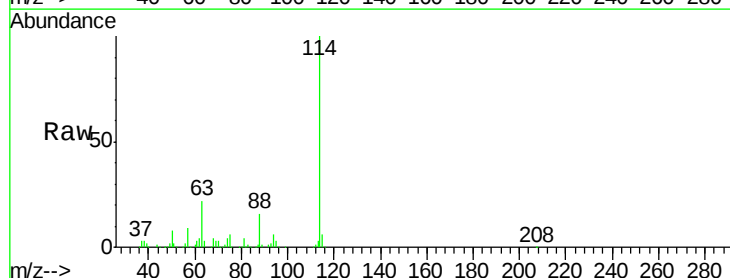
Instrument :
 MSVOA_N
 ClientSampleId :
 6-FEET

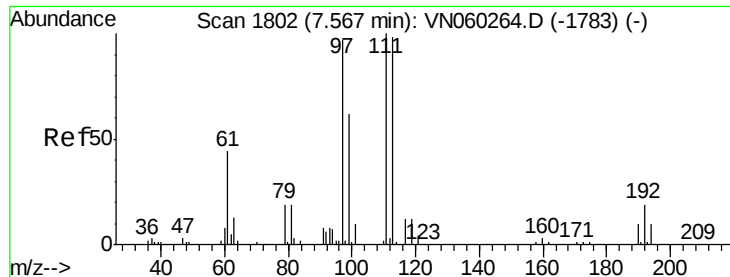
Tot Ion: 65 Resp: 123780
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060471.D
 Acq: 12 Mar 2020 12:09

Tgt Ion: 114 Resp: 312413
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.0 0.0 31.6

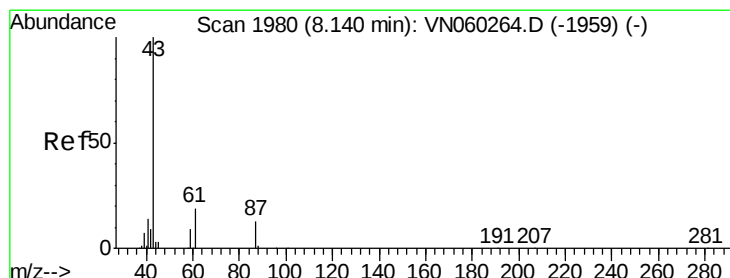
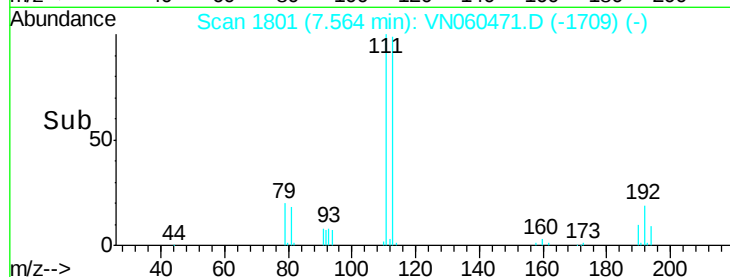
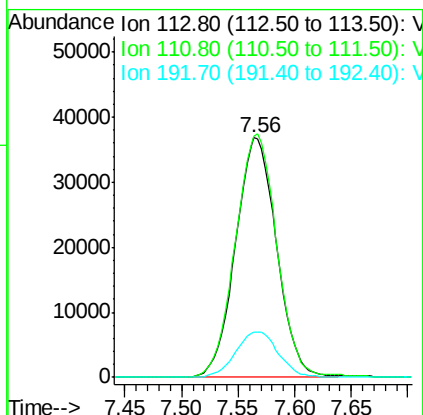
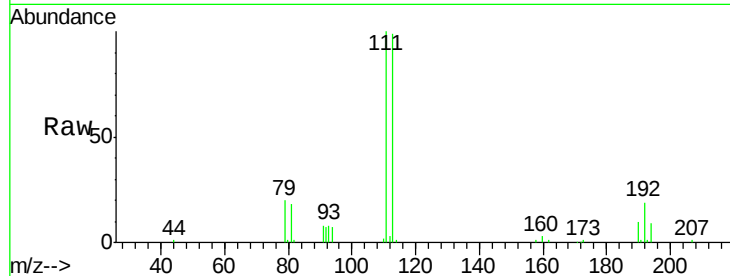




#35
 Dibromofluoromethane
 Concen: 64.087 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060471.D
 Acq: 12 Mar 2020 12:09

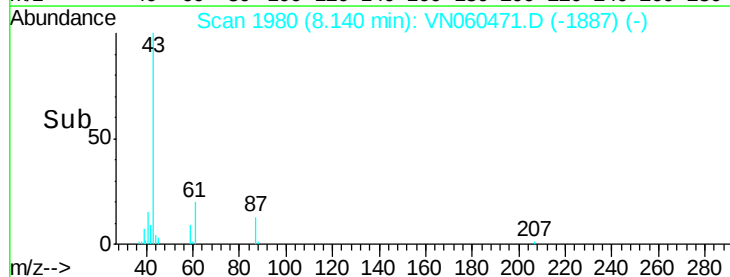
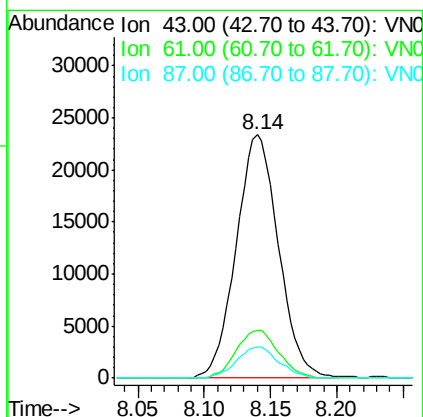
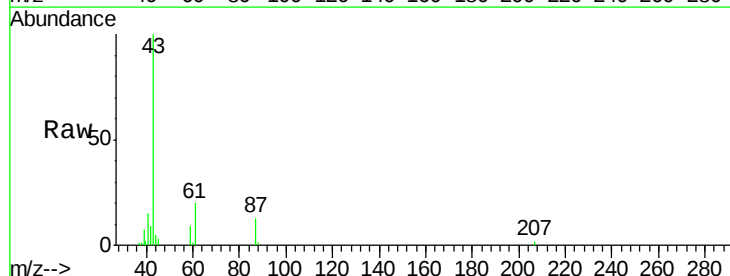
Instrument :
 MSVOA_N
 ClientSampleId :
 6-FEET

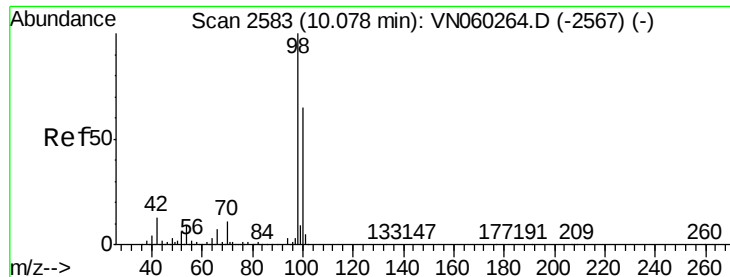
Tot Ion:113 Resp: 92934
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 19.5 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 10.514 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060471.D
 Acq: 12 Mar 2020 12:09

Tgt Ion: 43 Resp: 51894
 Ion Ratio Lower Upper
 43 100
 61 19.7 20.9 31.3#
 87 12.8 10.6 16.0





#50

Toluene-d8

Concen: 52.205 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060471.D

Acq: 12 Mar 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

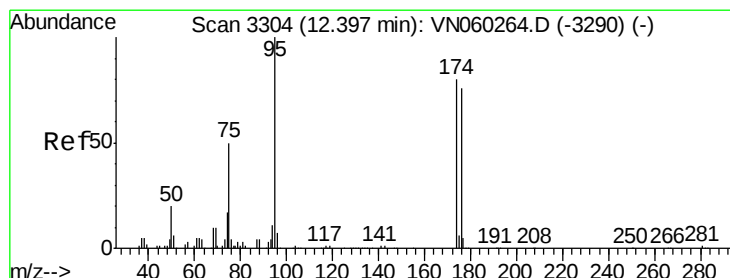
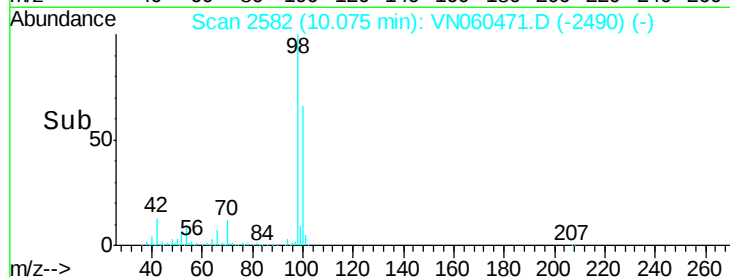
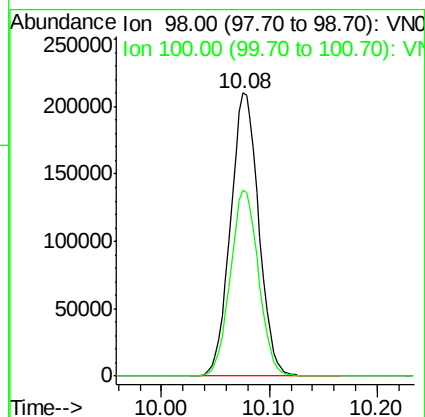
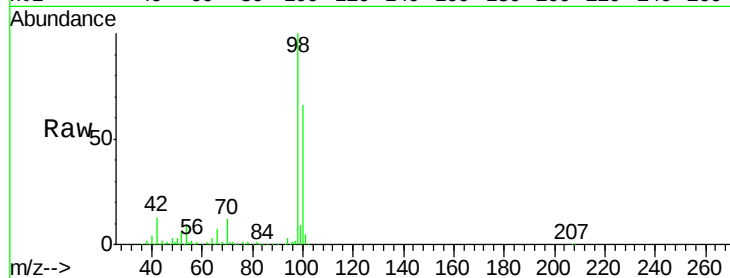
6-FEET

Tot Ion: 98 Resp: 383143

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.325 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060471.D

Acq: 12 Mar 2020 12:09

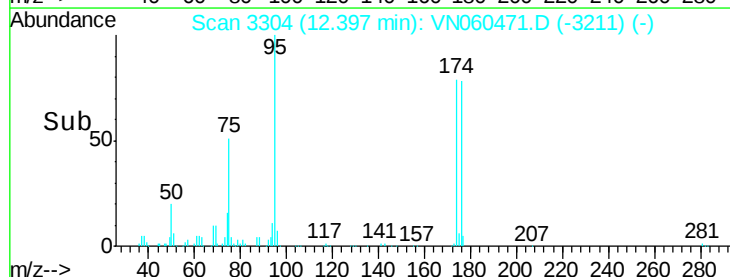
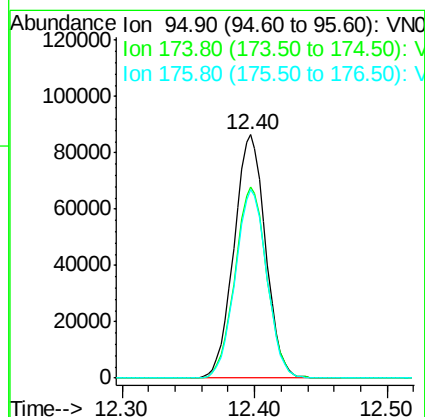
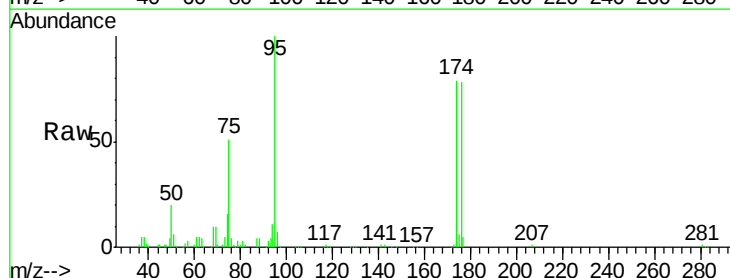
Tgt Ion: 95 Resp: 142794

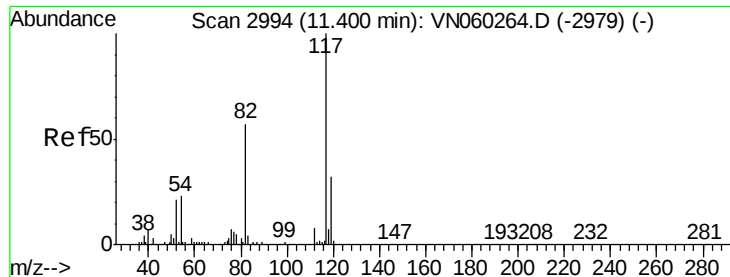
Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.2

176 77.1 0.0 153.8

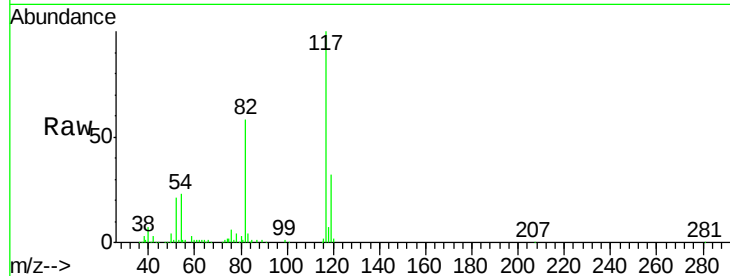




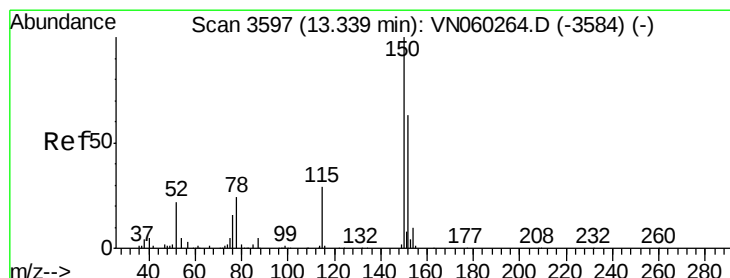
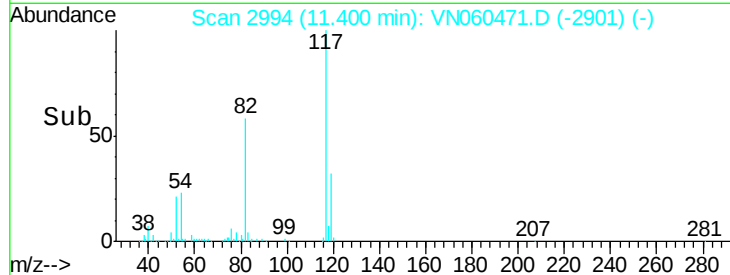
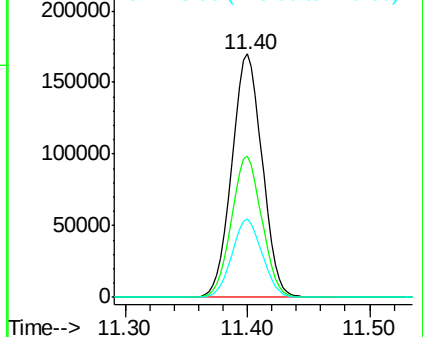
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060471.D
Acq: 12 Mar 2020 12:09

Instrument :
MSVOA_N
ClientSampled :
6-FEET

Tot Ion:117 Resp: 294211
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 32.0 25.8 38.8

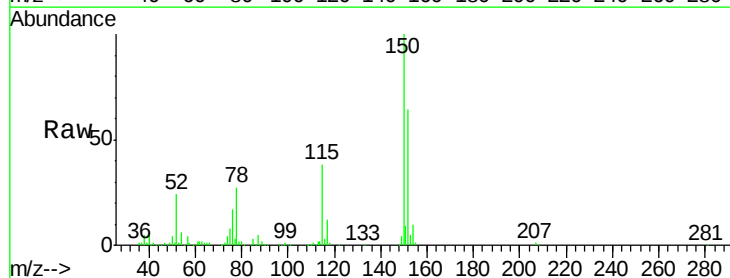


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060471.D
Acq: 12 Mar 2020 12:09

Tgt Ion:152 Resp: 134454
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 157.3 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

