

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060472.D
 Acq On : 12 Mar 2020 12:32
 Operator : JC/MD
 Sample : L1797-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30-FEET

Quant Time: Mar 13 03:32:17 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

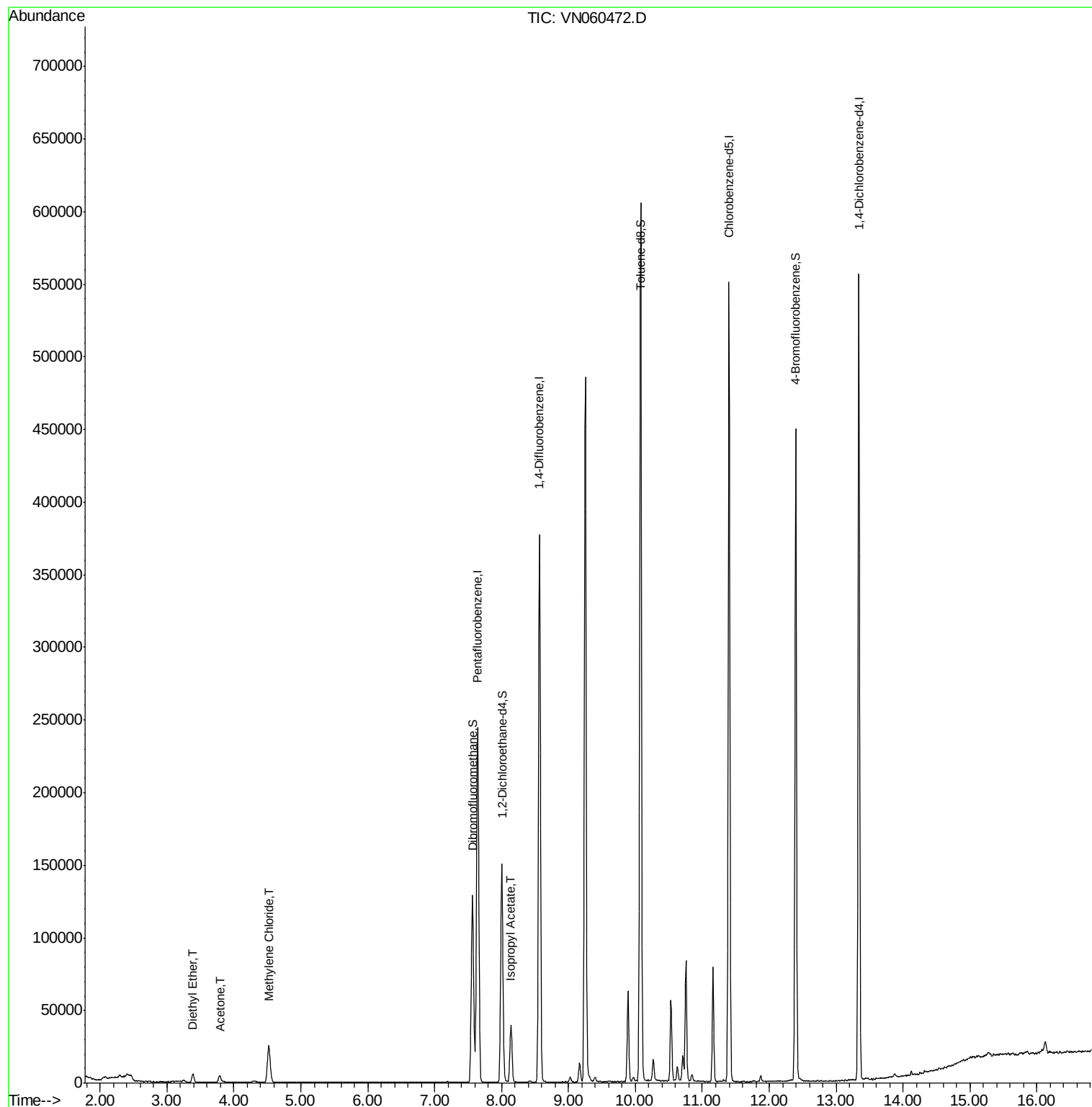
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	334476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131595	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	7.57	113	98702	63.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.16%	
50) Toluene-d8	10.08	98	410906	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	154067	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
Target Compounds						
8) Diethyl Ether	3.39	74	2852	2.155	ug/l	99
16) Acetone	3.79	43	8051	9.698	ug/l	99
20) Methylene Chloride	4.52	84	18792	8.243	ug/l	98
43) Isopropyl Acetate	8.14	43	47994	9.083	ug/l #	91

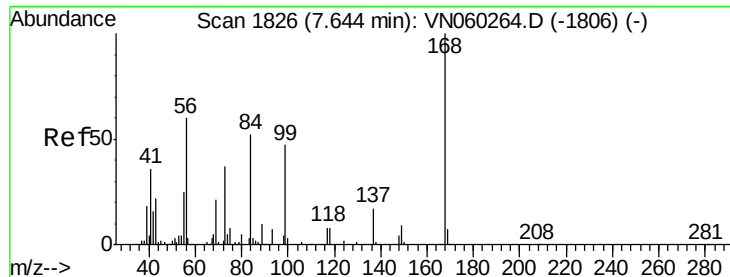
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN060472.D

Acq: 12 Mar 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

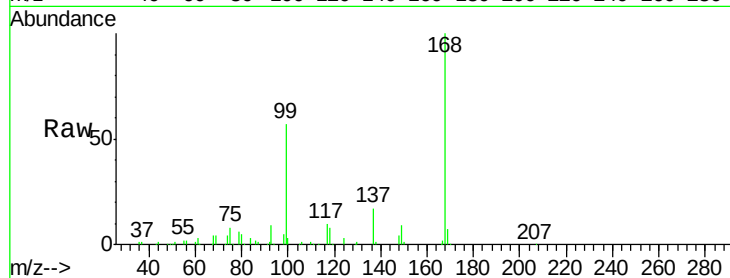
30-FEET

Tot Ion:168 Resp: 200360

Ion Ratio Lower Upper

168 100

99 57.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

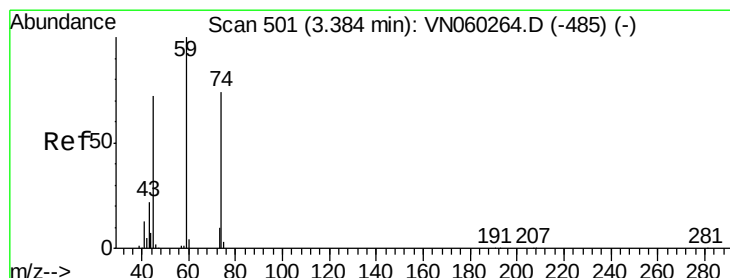
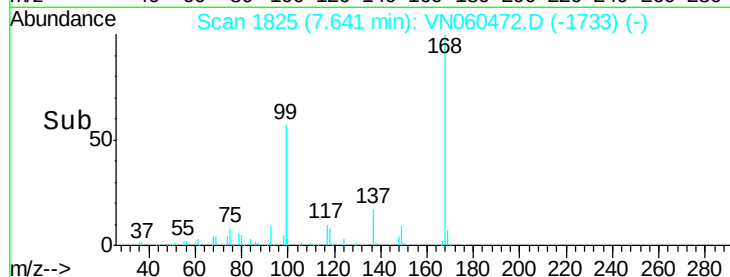
40000

20000

0

7.60 7.70

Time-->



#8

Diethyl Ether

Concen: 2.155 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN060472.D

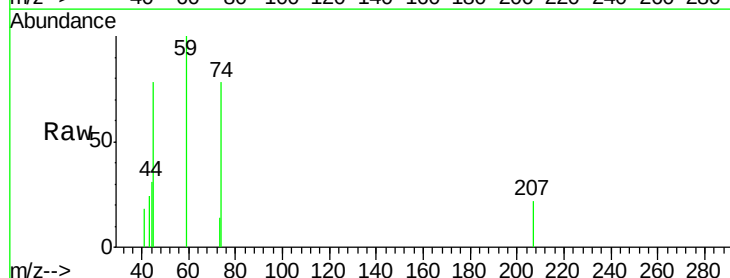
Acq: 12 Mar 2020 12:32

Tgt Ion: 74 Resp: 2852

Ion Ratio Lower Upper

74 100

45 97.9 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.39

1500

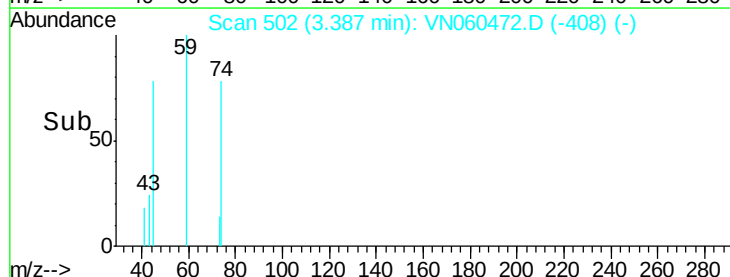
1000

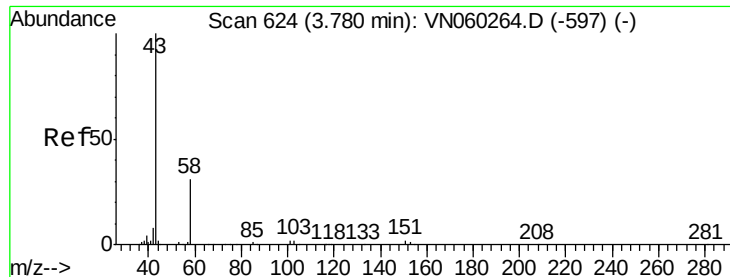
500

0

3.35 3.40 3.45

Time-->





#16

Acetone

Concen: 9.698 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060472.D

Acq: 12 Mar 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

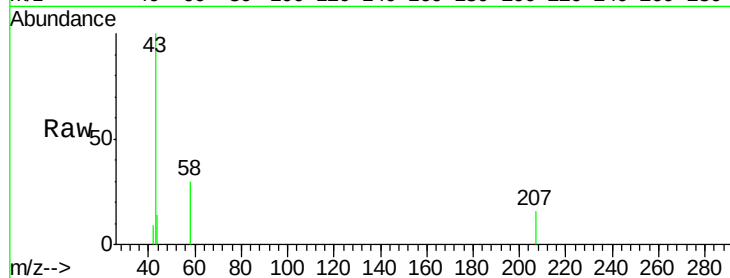
30-FEET

Tot Ion: 43 Resp: 8051

Ion Ratio Lower Upper

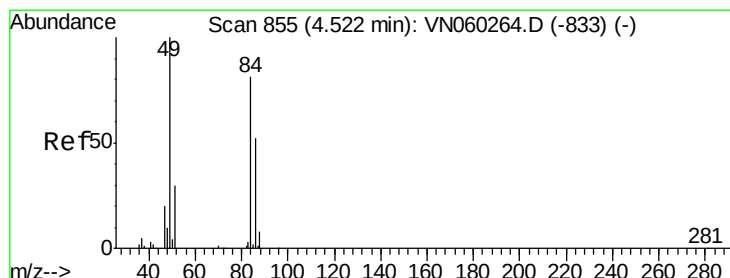
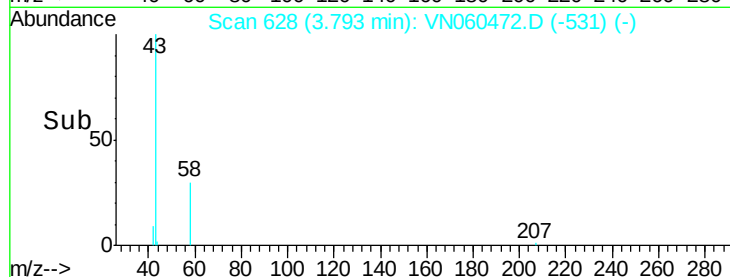
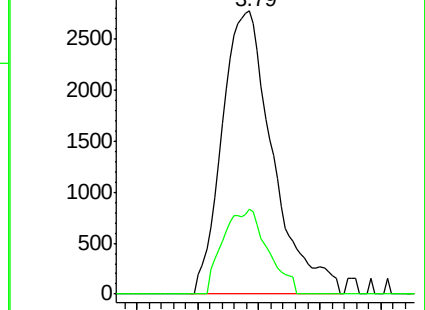
43 100

58 30.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060472.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060472.D (-531) (-)



#20

Methylene Chloride

Concen: 8.243 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060472.D

Acq: 12 Mar 2020 12:32

Tgt Ion: 84 Resp: 18792

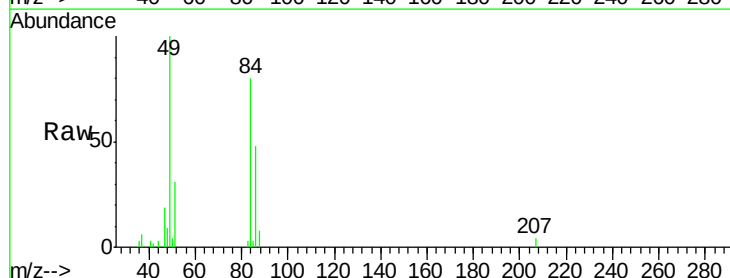
Ion Ratio Lower Upper

84 100

49 125.6 99.3 148.9

51 38.7 30.1 45.1

86 59.9 51.1 76.7

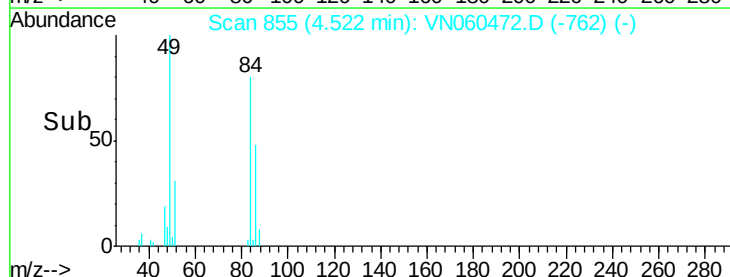
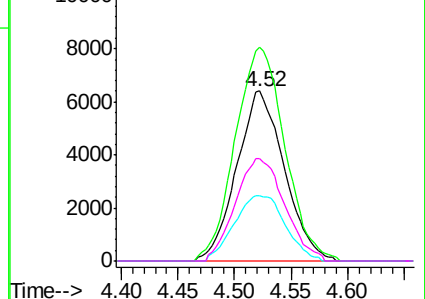


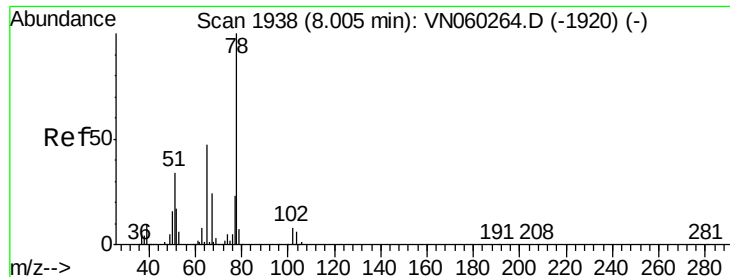
Abundance Ion 83.90 (83.60 to 84.60): VN060472.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN060472.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN060472.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN060472.D (-762) (-)

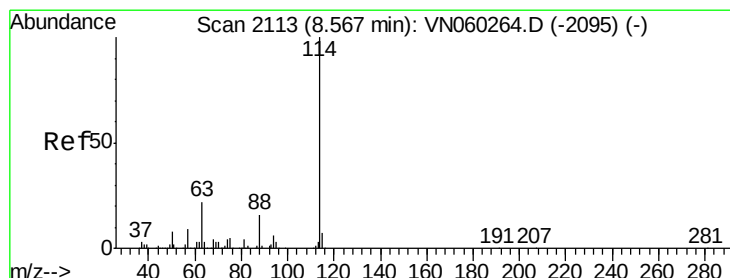
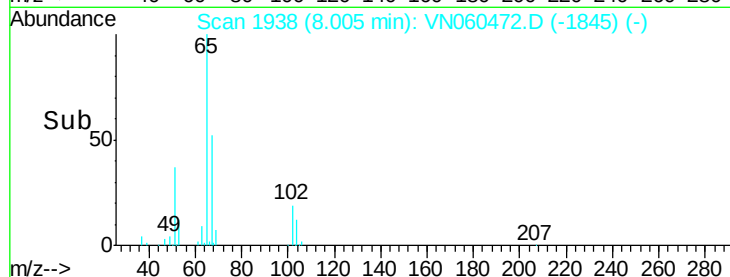
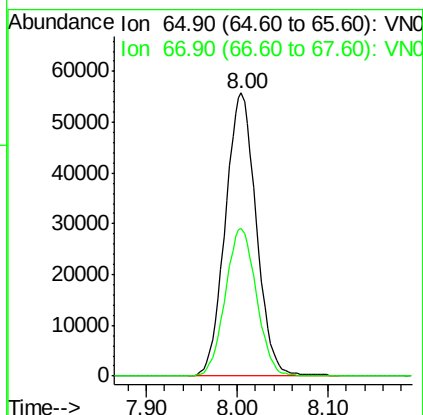
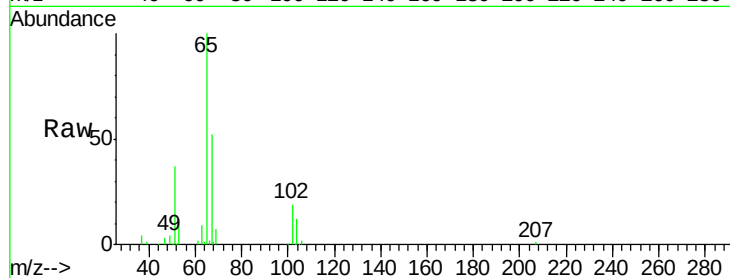




#33
 1,2-Dichloroethane-d4
 Concen: 51.191 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060472.D
 Acq: 12 Mar 2020 12:32

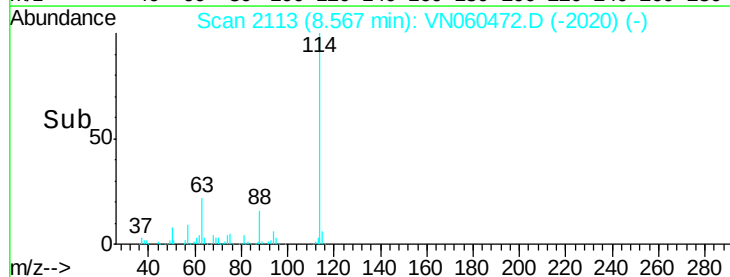
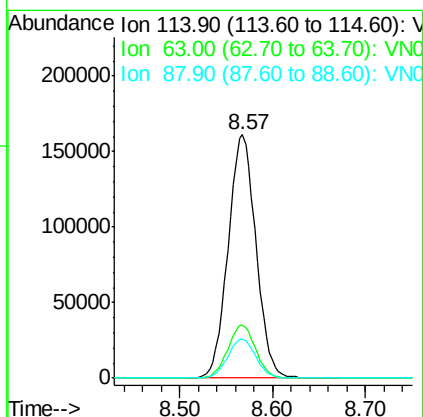
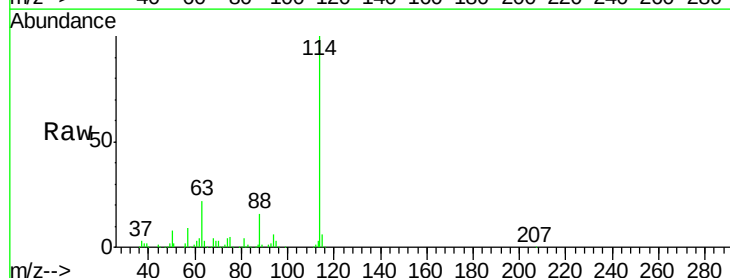
Instrument :
 MSVOA_N
 ClientSampleId :
 30-FEET

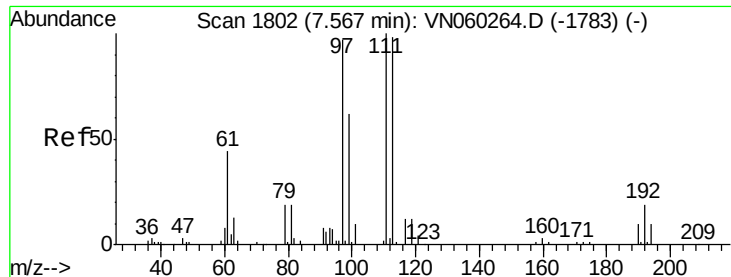
Tot Ion: 65 Resp: 131595
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060472.D
 Acq: 12 Mar 2020 12:32

Tgt Ion: 114 Resp: 334476
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.1 0.0 31.6

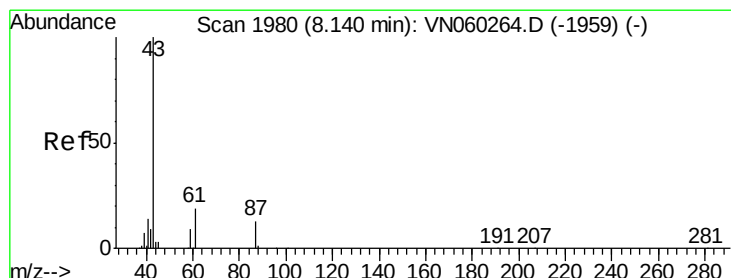
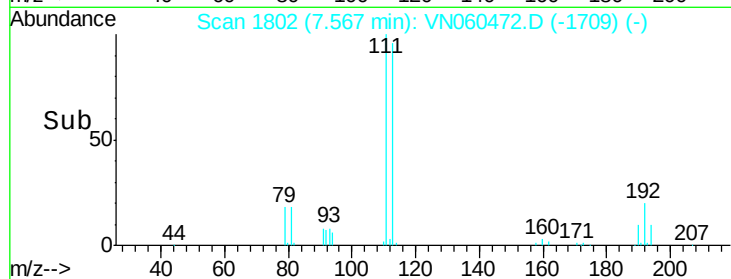
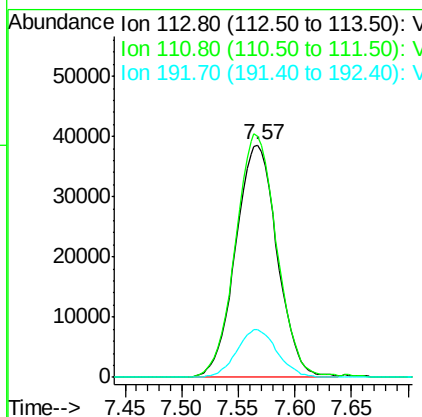
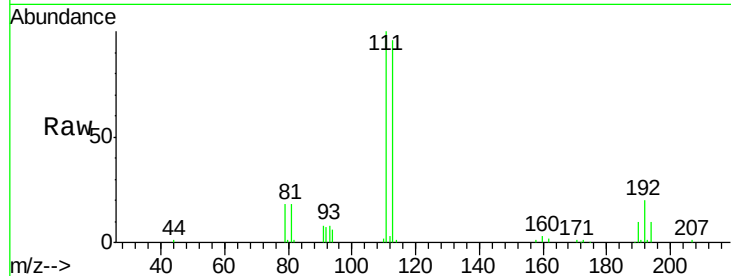




#35
 Dibromofluoromethane
 Concen: 63.575 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060472.D
 Acq: 12 Mar 2020 12:32

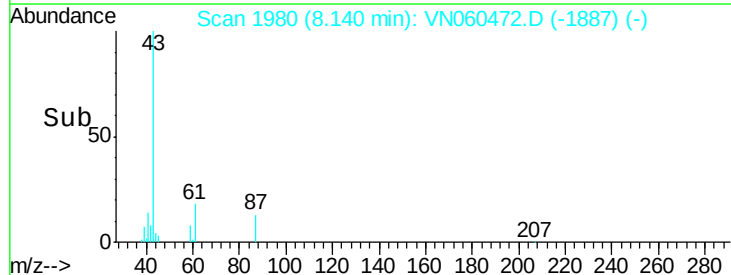
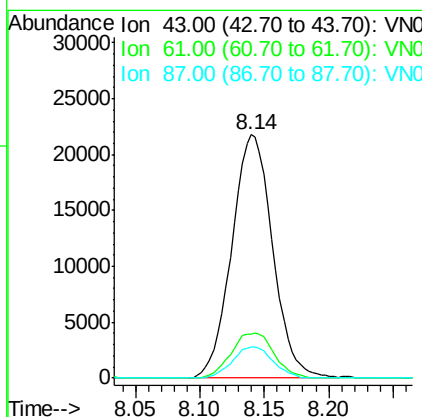
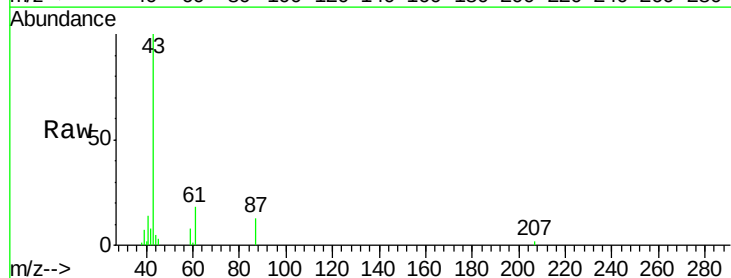
Instrument :
 MSVOA_N
 ClientSampled :
 30-FEET

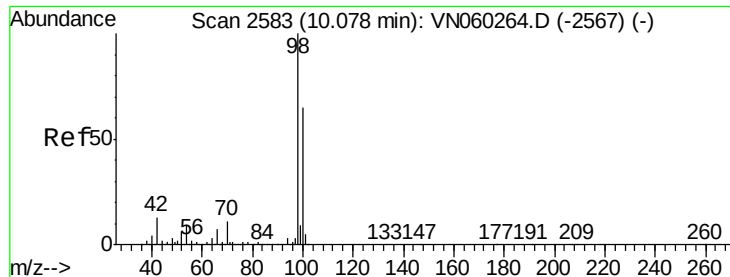
Tot Ion:113 Resp: 98702
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.4 123.6
 192 19.9 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 9.083 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060472.D
 Acq: 12 Mar 2020 12:32

Tgt Ion: 43 Resp: 47994
 Ion Ratio Lower Upper
 43 100
 61 19.4 20.9 31.3#
 87 12.6 10.6 16.0





#50

Toluene-d8

Concen: 52.294 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060472.D

Acq: 12 Mar 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

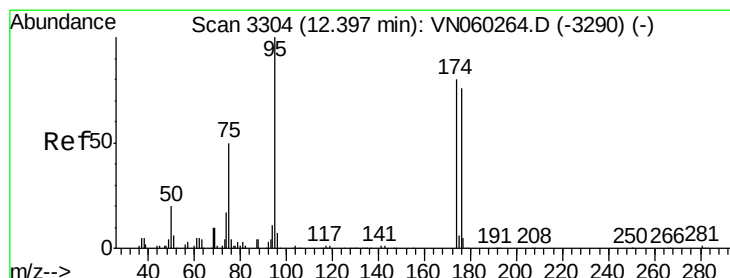
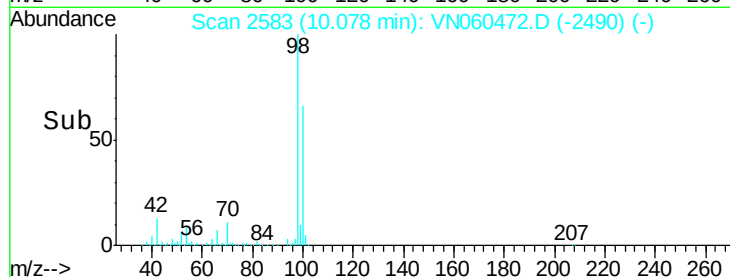
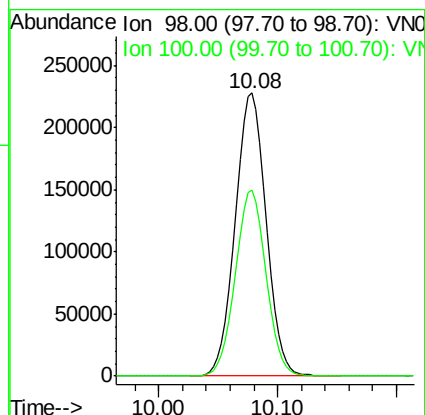
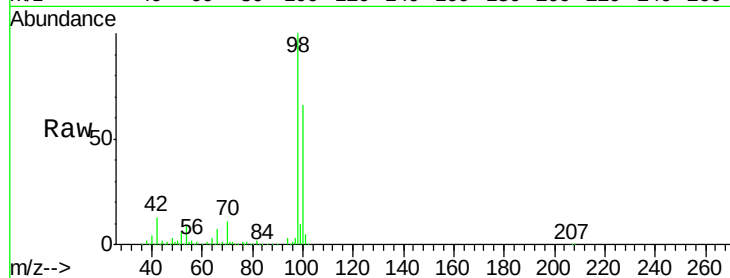
30-FEET

Tot Ion: 98 Resp: 410906

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 51.725 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060472.D

Acq: 12 Mar 2020 12:32

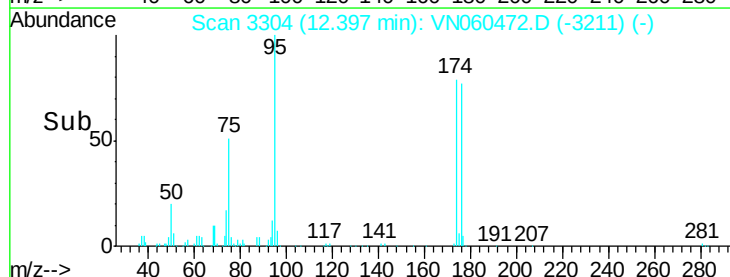
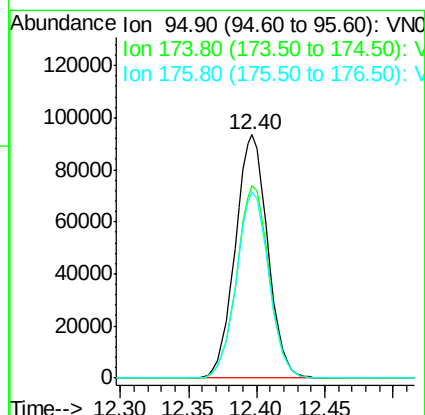
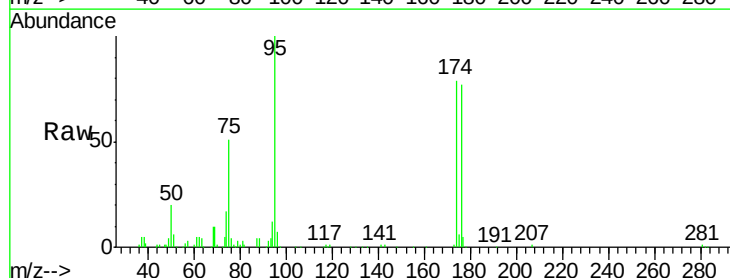
Tgt Ion: 95 Resp: 154067

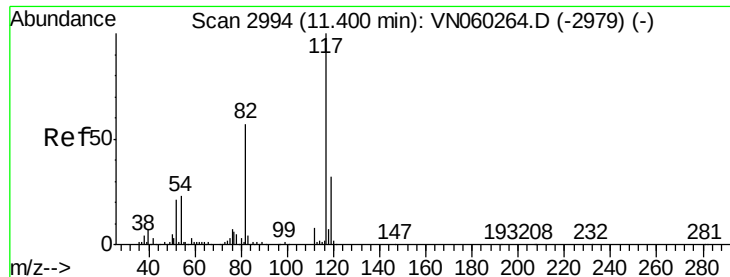
Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.2

176 76.5 0.0 153.8

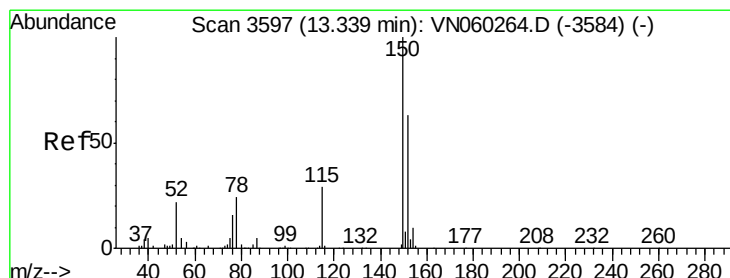
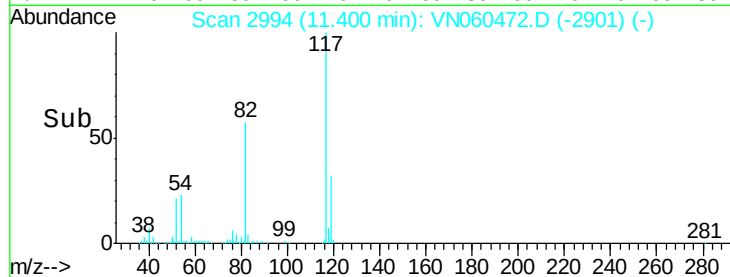
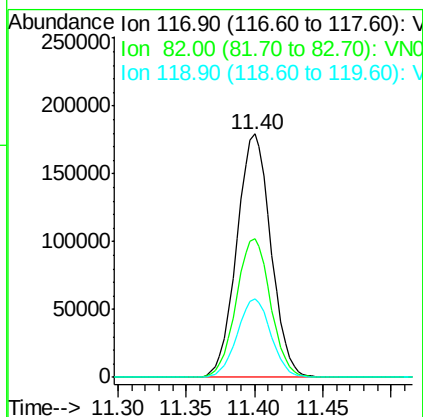
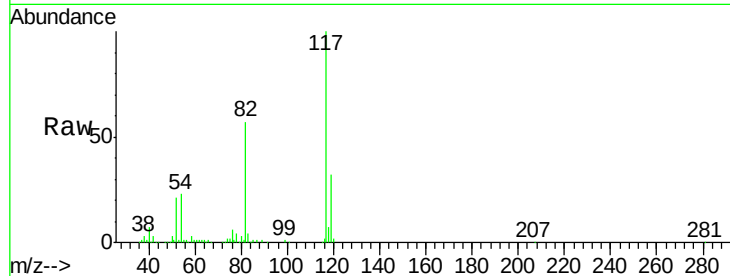




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060472.D
Acq: 12 Mar 2020 12:32

Instrument :
MSVOA_N
ClientSampled :
30-FEET

Tot Ion:117 Resp: 311571
Ion Ratio Lower Upper
117 100
82 56.9 45.8 68.6
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060472.D
Acq: 12 Mar 2020 12:32

Tgt Ion:152 Resp: 144012
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.0
150 157.5 0.0 349.6

