

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060059.D
 Acq On : 11 Feb 2020 12:48
 Operator : JC/MD
 Sample : L1372-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-021020

Quant Time: Feb 12 04:43:57 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

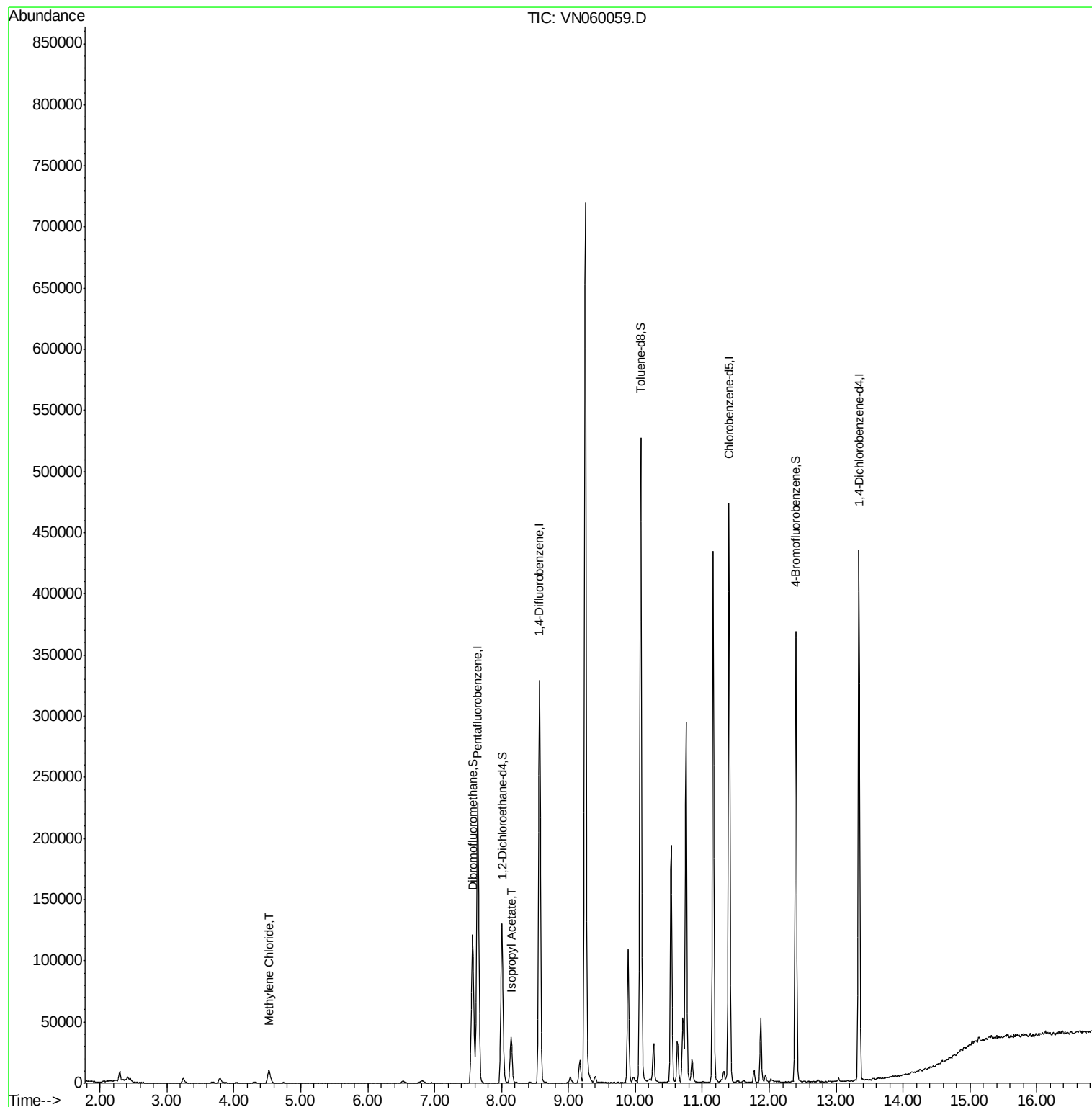
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	275691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111172	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.57	113	92908	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	10.08	98	363135	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	124319	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
Target Compounds						
20) Methylene Chloride	4.53	84	8378	3.122	ug/l #	83
43) Isopropyl Acetate	8.14	43	45116	10.558	ug/l #	91

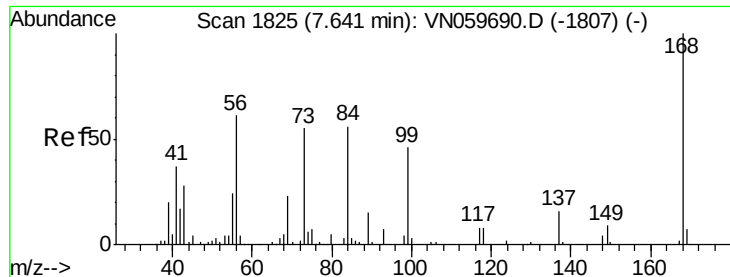
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060059.D

Acq: 11 Feb 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

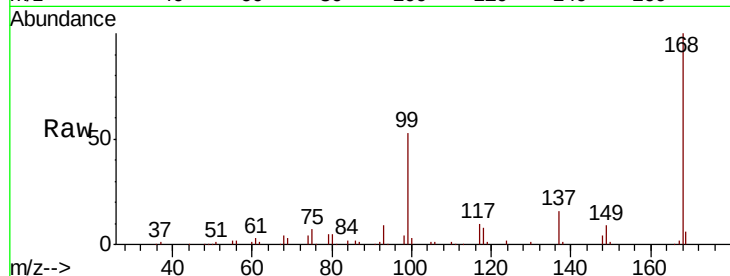
SU-01-021020

Tot Ion:168 Resp: 192343

Ion Ratio Lower Upper

168 100

99 53.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

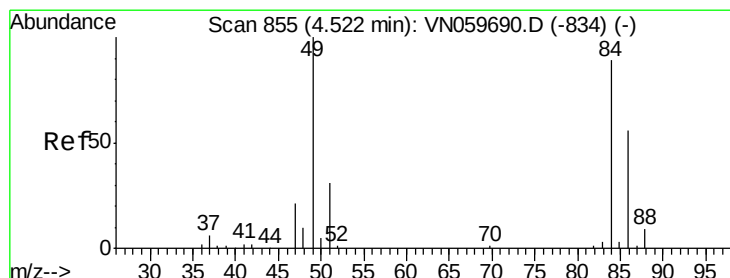
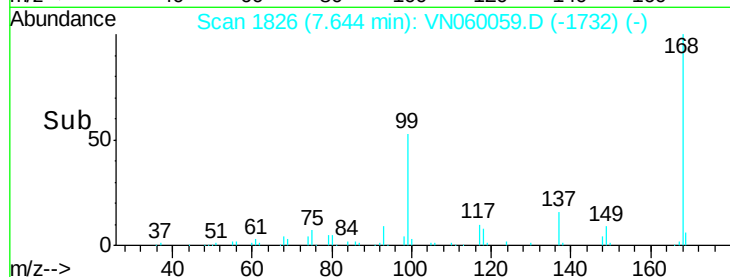
40000

20000

0

Time-->

7.60 7.70



#20

Methylene Chloride

Concen: 3.122 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060059.D

Acq: 11 Feb 2020 12:48

Tgt Ion: 84 Resp: 8378

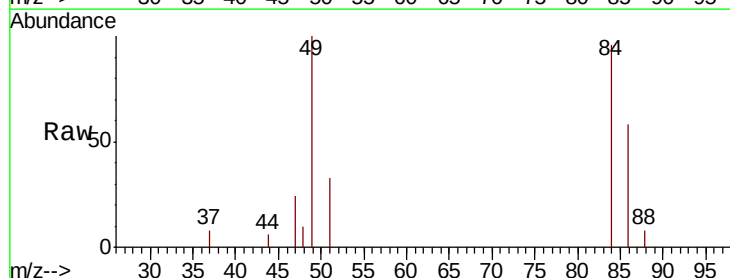
Ion Ratio Lower Upper

84 100

49 104.1 106.6 160.0#

51 33.8 31.9 47.9

86 60.1 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

4000

3000

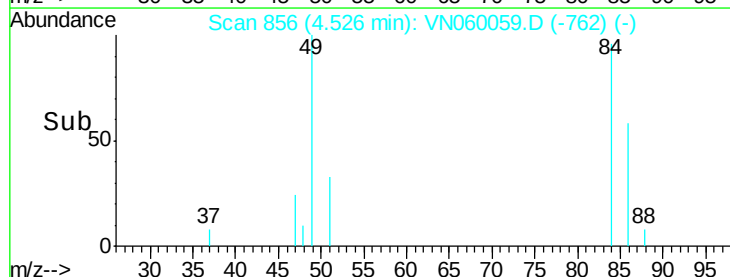
2000

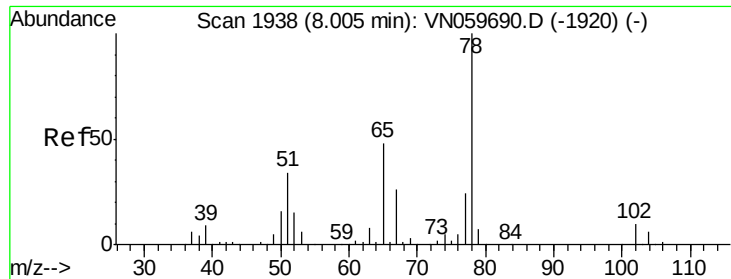
1000

0

Time-->

4.45 4.50 4.55 4.60

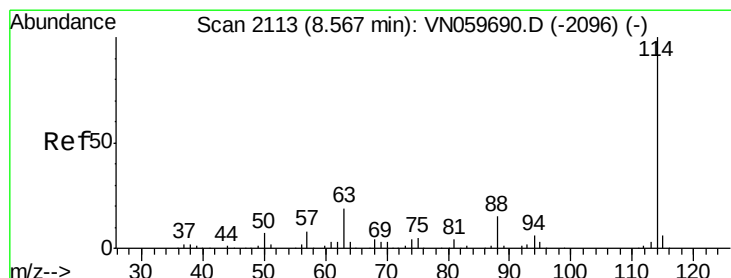
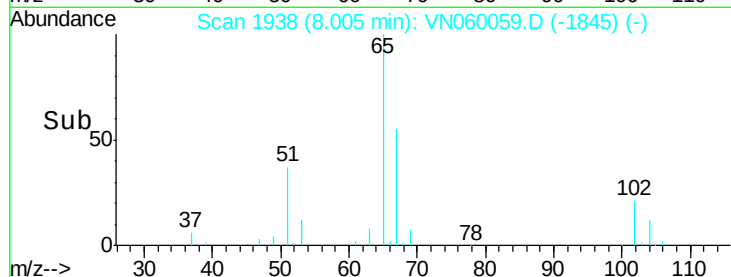
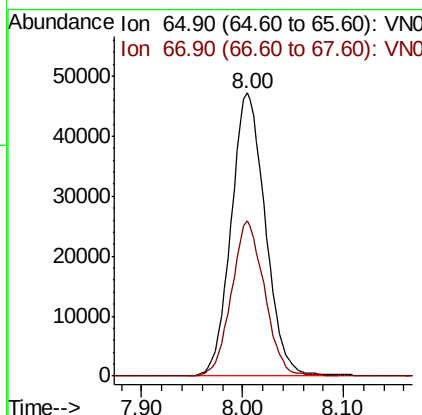
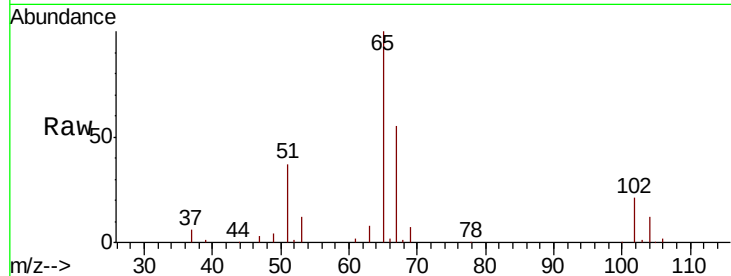




#33
 1,2-Dichloroethane-d4
 Concen: 52.046 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060059.D
 Acq: 11 Feb 2020 12:48

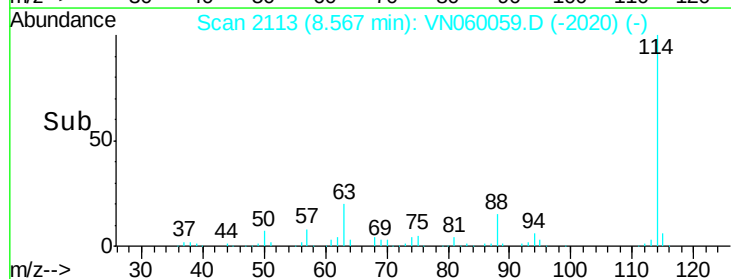
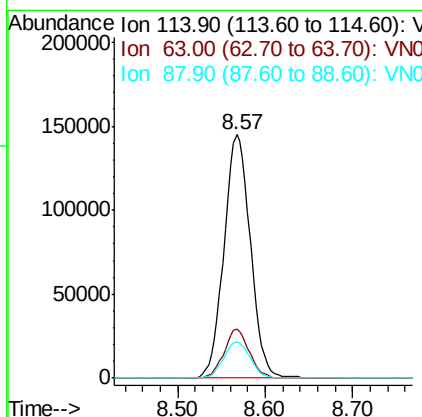
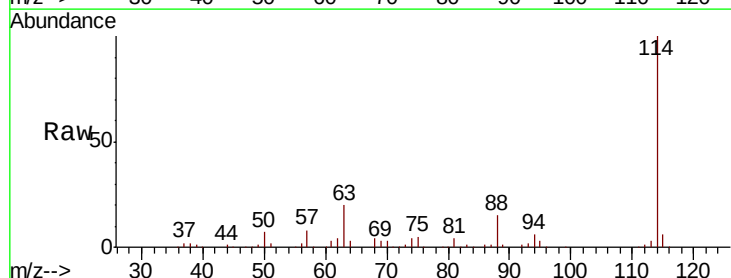
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-021020

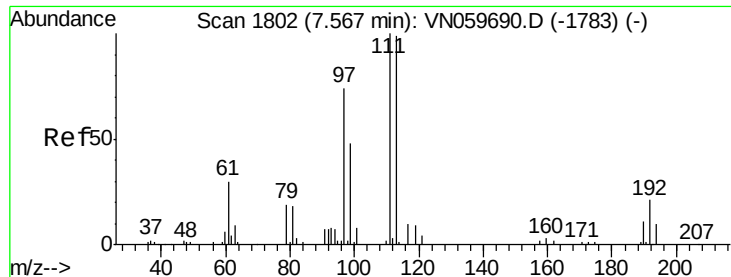
Tot Ion: 65 Resp: 111172
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060059.D
 Acq: 11 Feb 2020 12:48

Tgt Ion: 114 Resp: 304170
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.6
 88 14.8 0.0 31.4

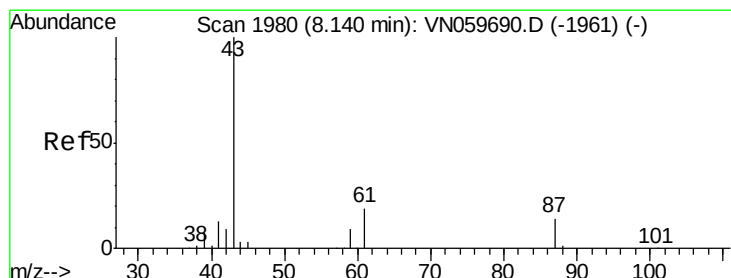
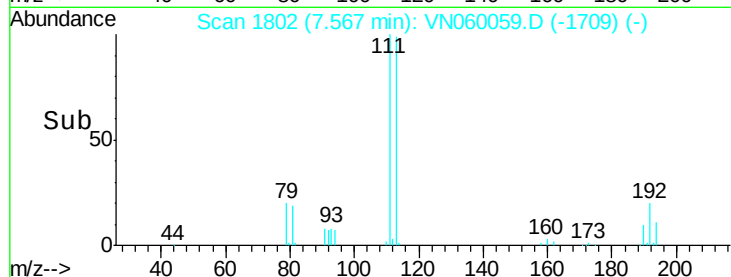
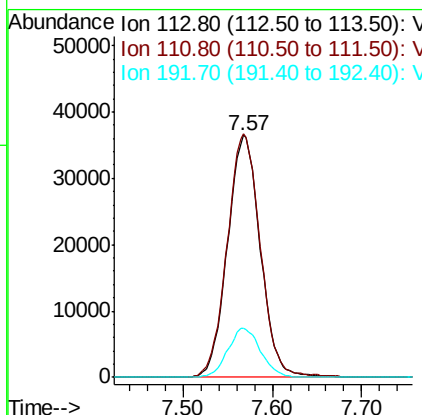
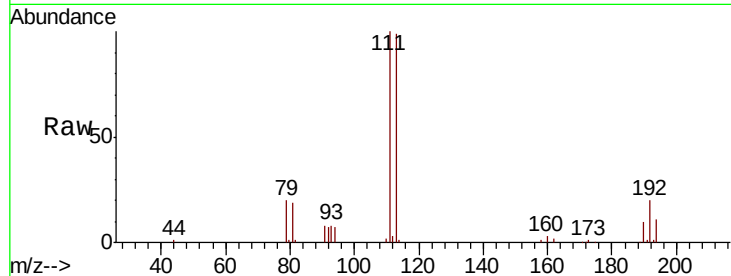




#35
Dibromofluoromethane
Concen: 51.220 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060059.D
Acq: 11 Feb 2020 12:48

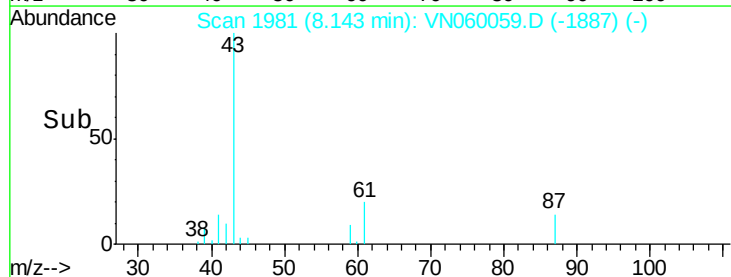
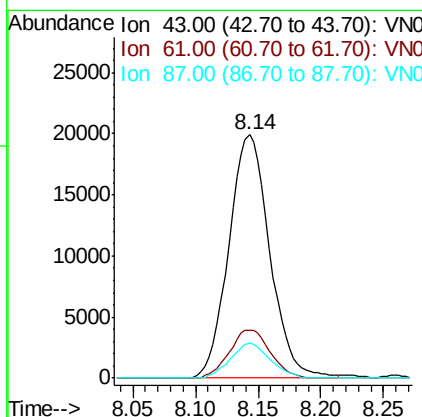
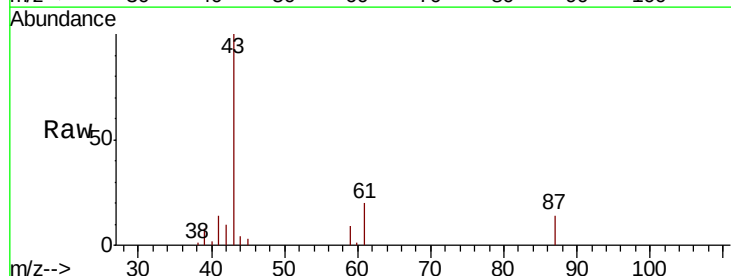
Instrument :
MSVOA_N
ClientSampleId :
SU-01-021020

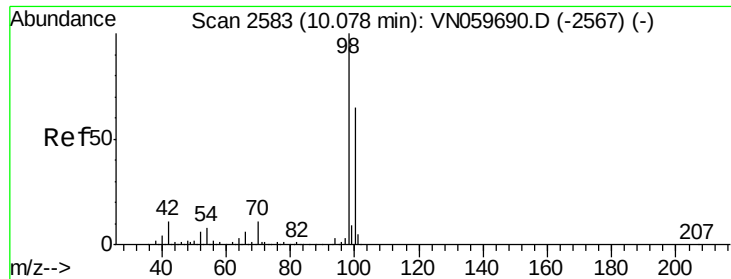
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.5	125.3
192	20.3	15.4	23.2



#43
Isopropyl Acetate
Concen: 10.558 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060059.D
Acq: 11 Feb 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	20.2	30.2#
87	13.7	9.5	14.3





#50

Toluene-d8

Concen: 51.670 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060059.D

Acq: 11 Feb 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

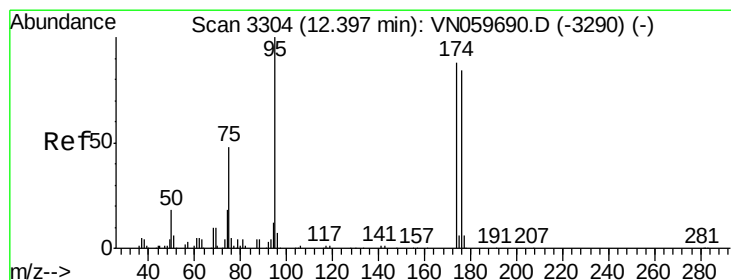
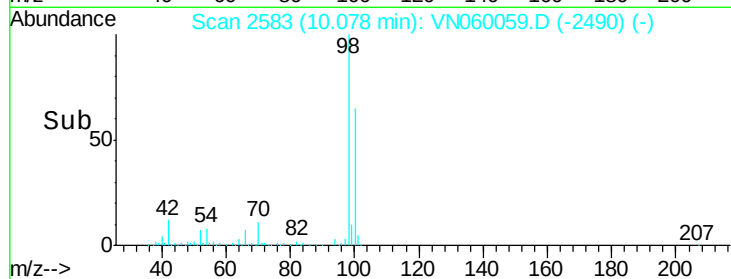
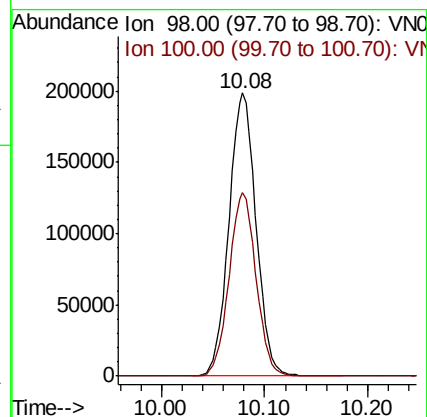
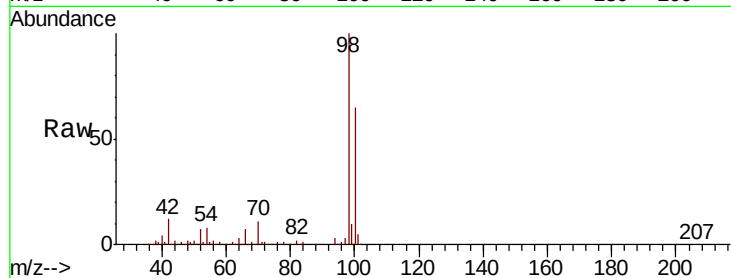
SU-01-021020

Tot Ion: 98 Resp: 363135

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.069 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060059.D

Acq: 11 Feb 2020 12:48

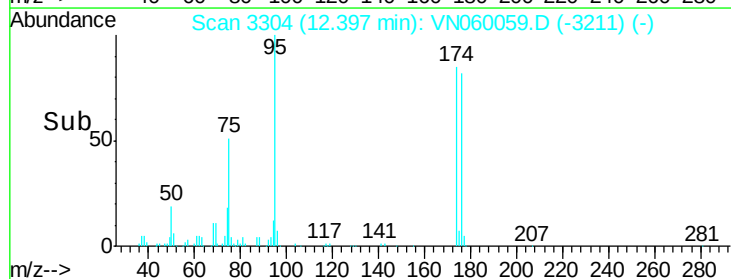
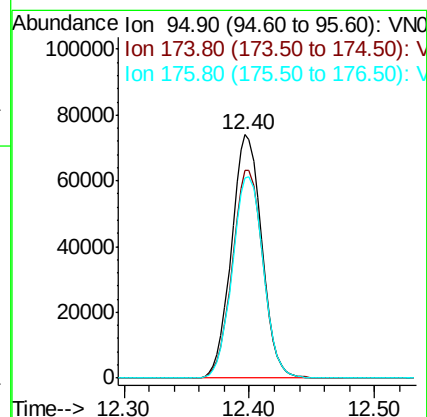
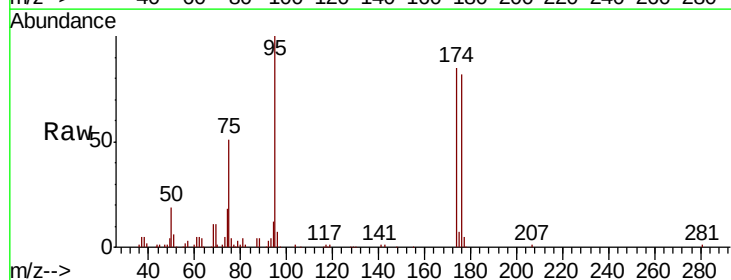
Tgt Ion: 95 Resp: 124319

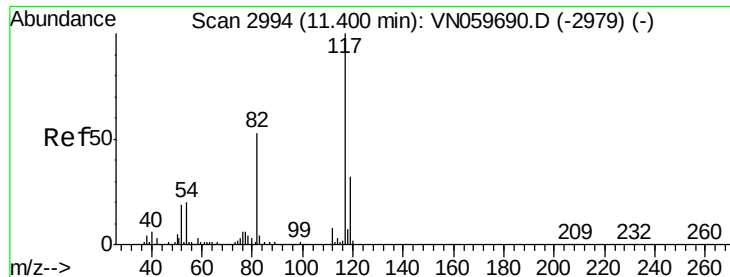
Ion Ratio Lower Upper

95 100

174 86.3 0.0 151.4

176 84.4 0.0 146.0

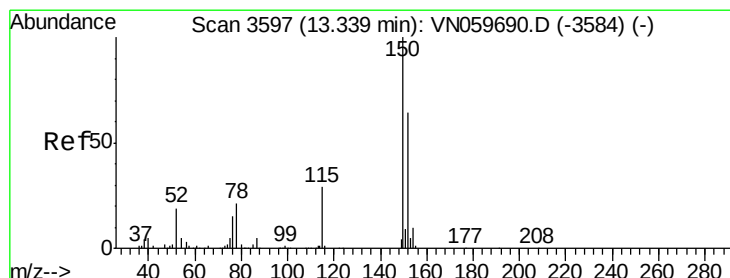
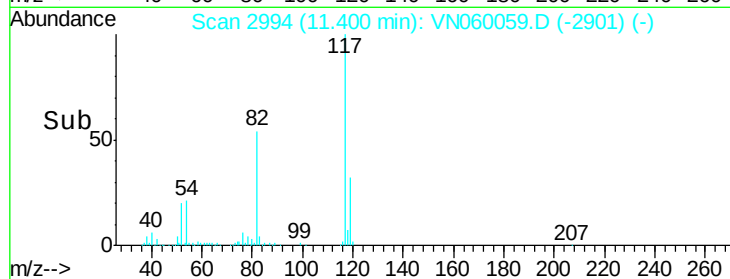
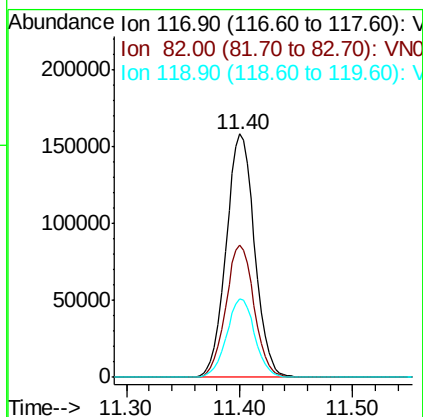
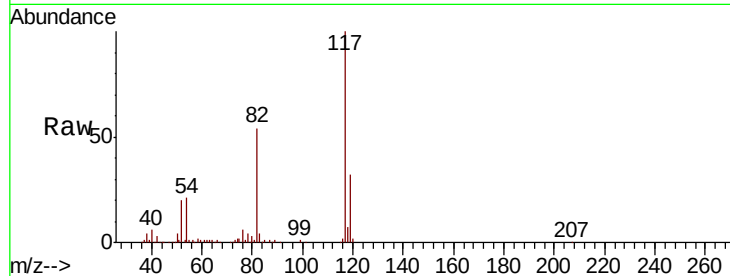




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060059.D
Acq: 11 Feb 2020 12:48

Instrument :
MSVOA_N
ClientSampleId :
SU-01-021020

Tot Ion:117 Resp: 275691
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060059.D
Acq: 11 Feb 2020 12:48

Tgt Ion:152 Resp: 116587
Ion Ratio Lower Upper
152 100
115 57.6 30.3 90.9
150 159.2 0.0 345.2

