

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063021.D
 Acq On : 19 Aug 2020 18:46
 Operator : JC/MD
 Sample : L3507-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 20 01:54:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

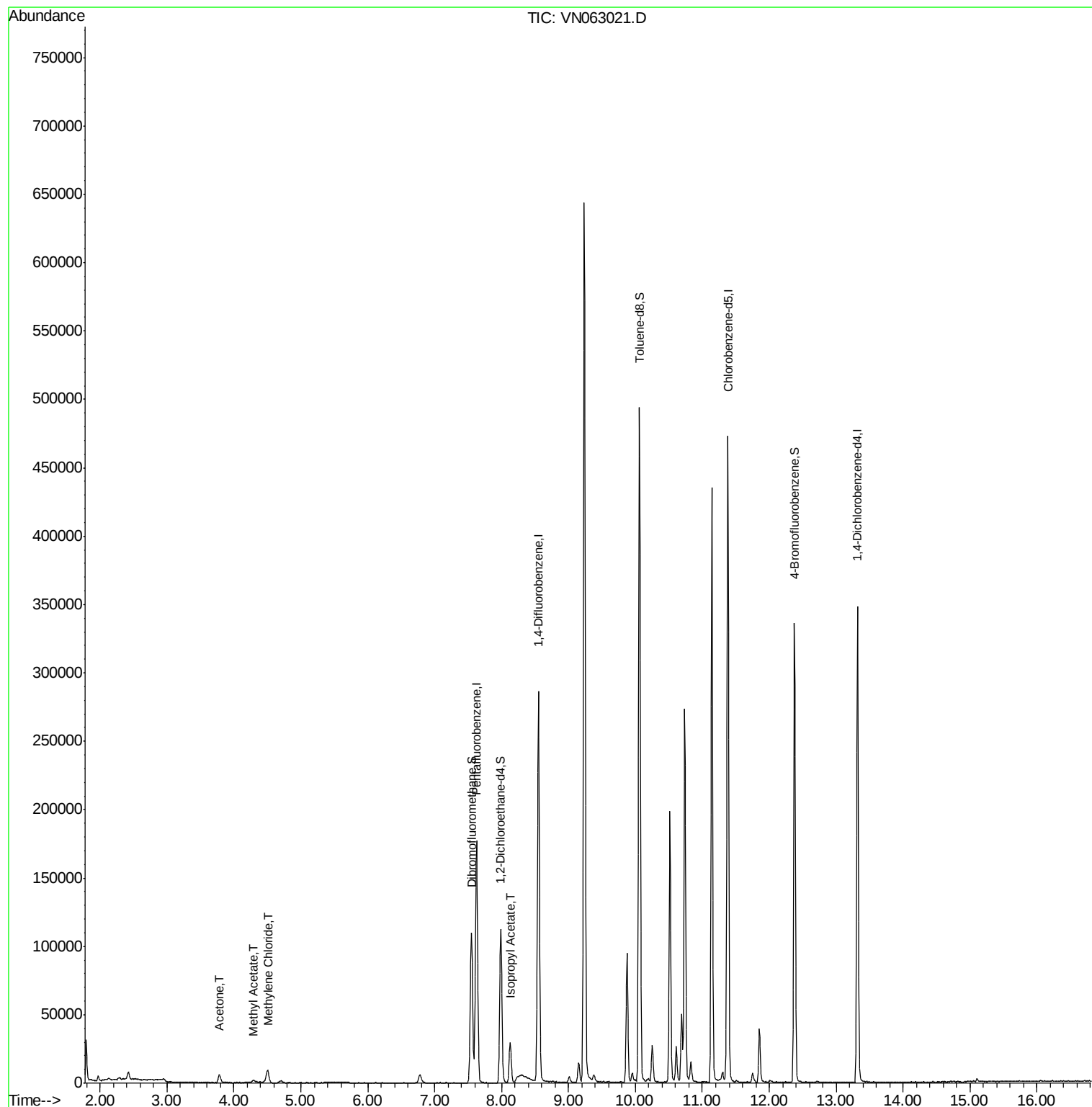
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	152163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	259315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	283706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96159	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
35) Dibromofluoromethane	7.55	113	86546	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	10.06	98	346207	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.38	95	116797	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
Target Compounds						
16) Acetone	3.78	43	10040	14.152	ug/l	96
18) Methyl Acetate	4.29	43	3141	1.753	ug/l #	63
20) Methylene Chloride	4.50	84	7130	3.235	ug/l	96
43) Isopropyl Acetate	8.13	43	34252	9.655	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

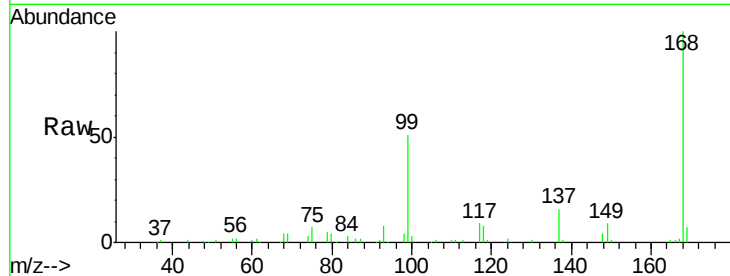
SU-02-081820

Tot Ion:168 Resp: 152163

Ion Ratio Lower Upper

168 100

99 50.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

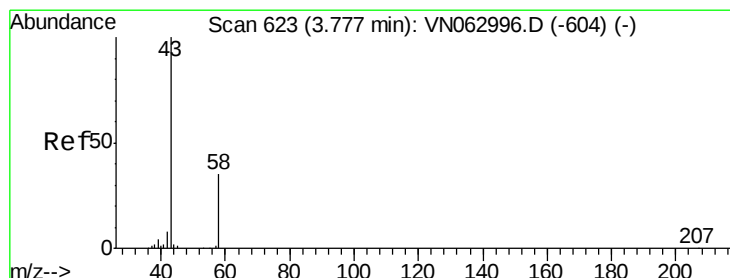
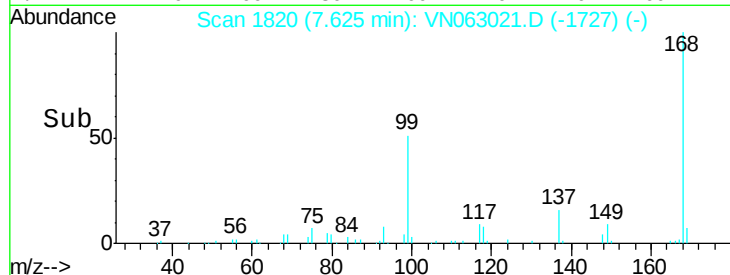
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 14.152 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063021.D

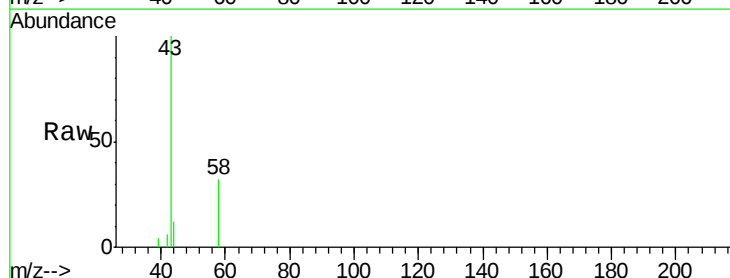
Acq: 19 Aug 2020 18:46

Tgt Ion: 43 Resp: 10040

Ion Ratio Lower Upper

43 100

58 32.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

4000

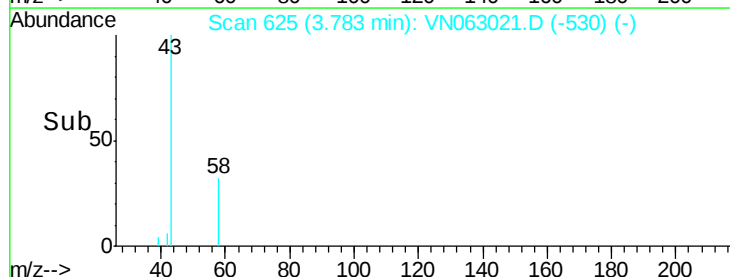
3000

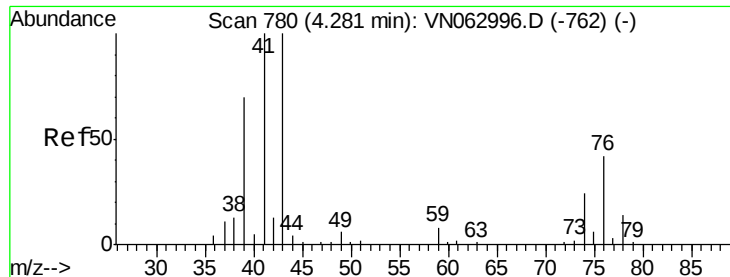
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

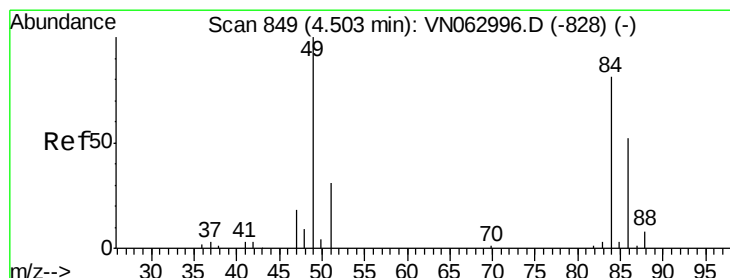
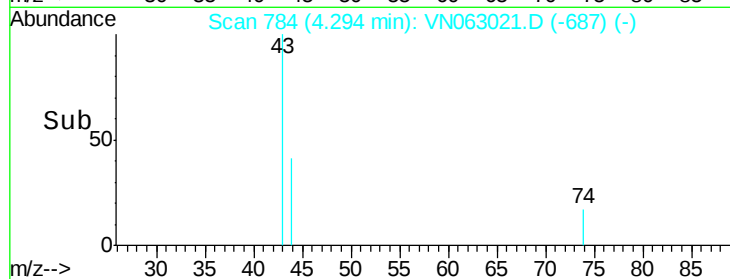
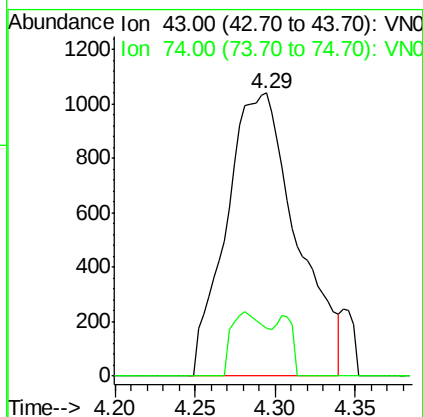
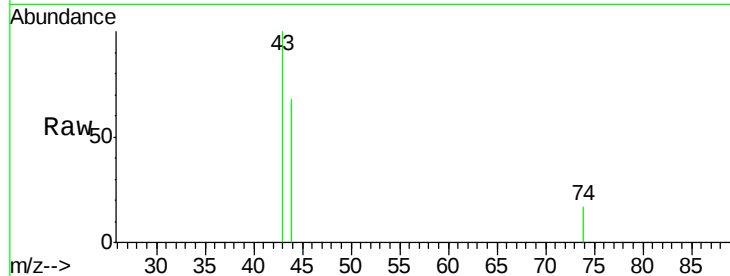




#18
Methyl Acetate
Concen: 1.753 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN063021.D
Acq: 19 Aug 2020 18:46

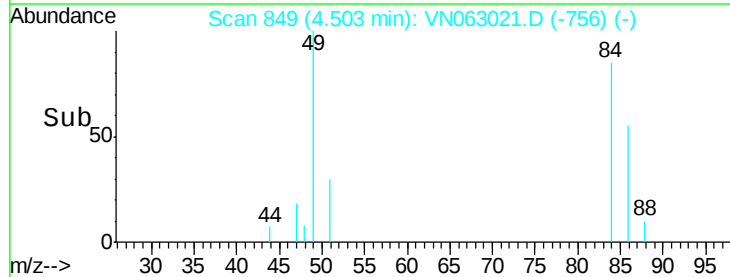
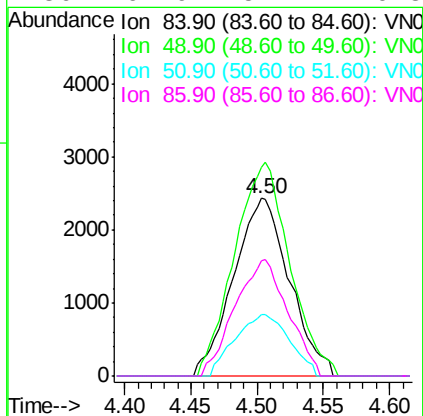
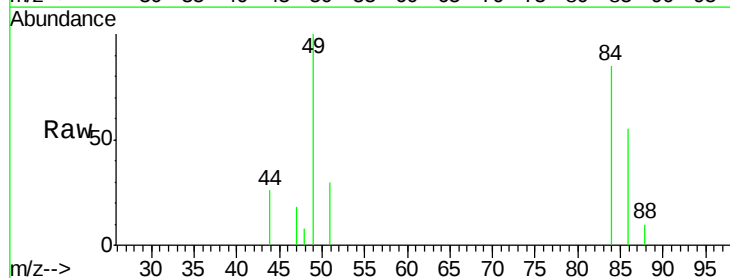
Instrument :
MSVOA_N
ClientSampled :
SU-02-081820

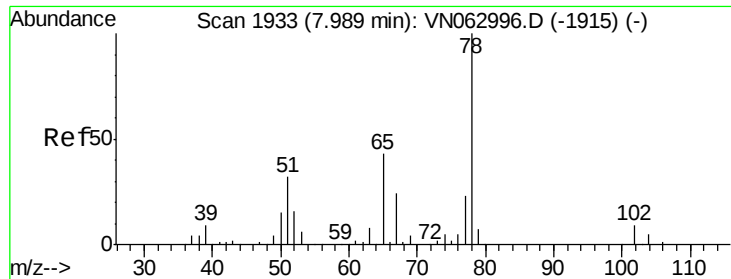
Tot Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
74 5.1 18.6 28.0#



#20
Methylene Chloride
Concen: 3.235 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063021.D
Acq: 19 Aug 2020 18:46

Tgt Ion: 84 Resp: 7130
Ion Ratio Lower Upper
84 100
49 117.9 98.7 148.1
51 34.9 30.8 46.2
86 64.9 51.2 76.8

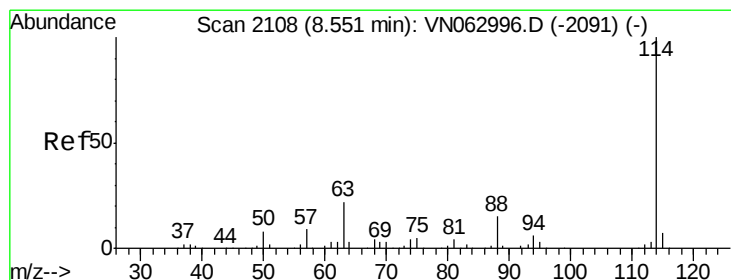
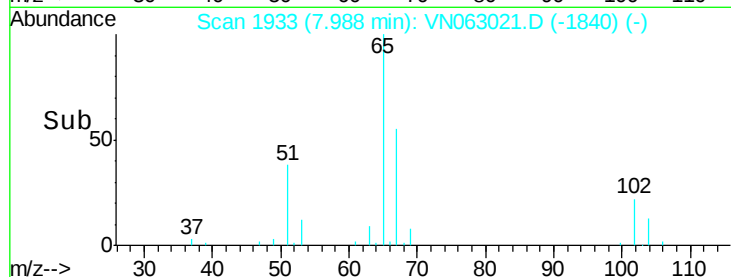
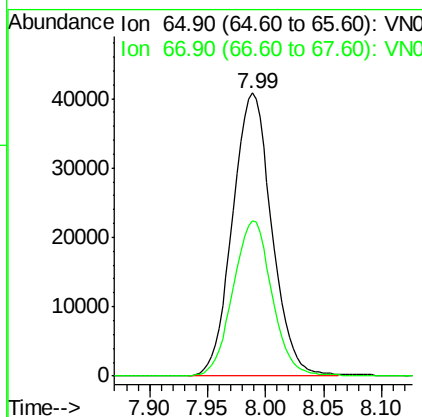
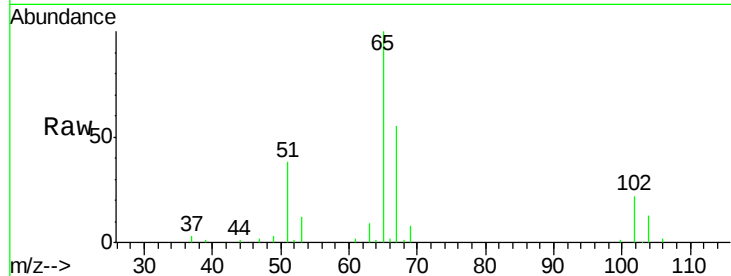




#33
 1,2-Dichloroethane-d4
 Concen: 53.320 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063021.D
 Acq: 19 Aug 2020 18:46

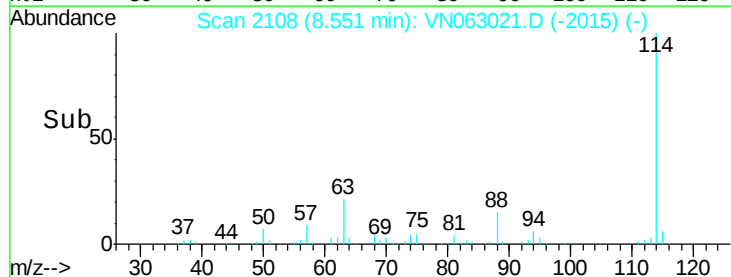
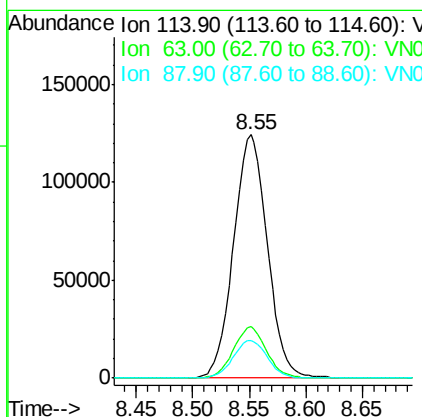
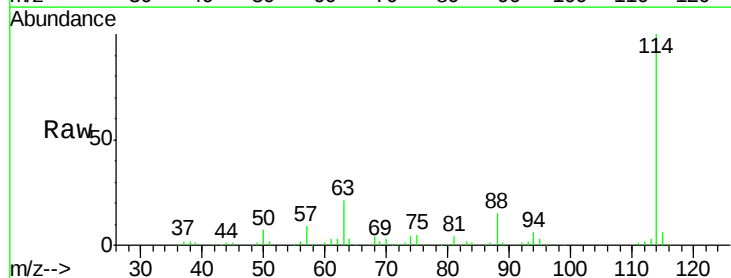
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-081820

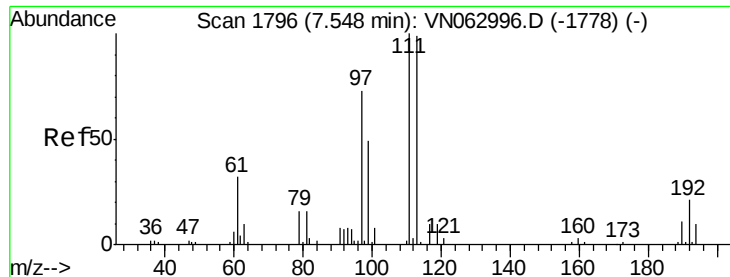
Tot Ion: 65 Resp: 96159
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063021.D
 Acq: 19 Aug 2020 18:46

Tgt Ion: 114 Resp: 259315
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 15.5 0.0 30.6

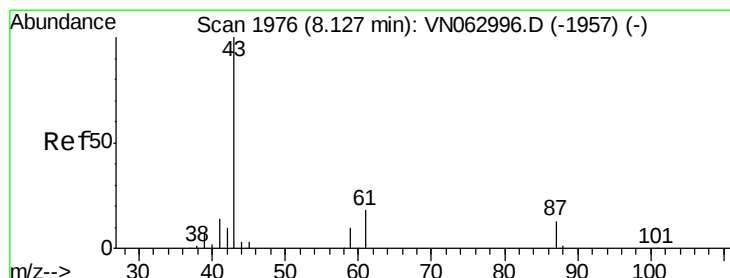
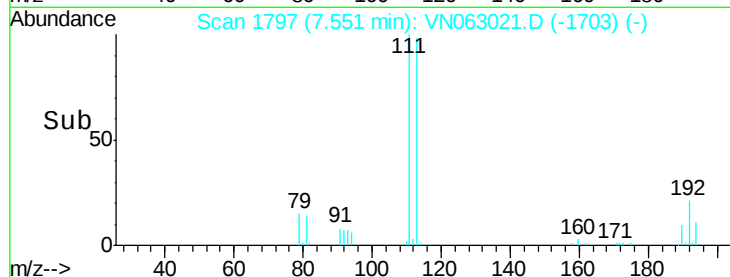
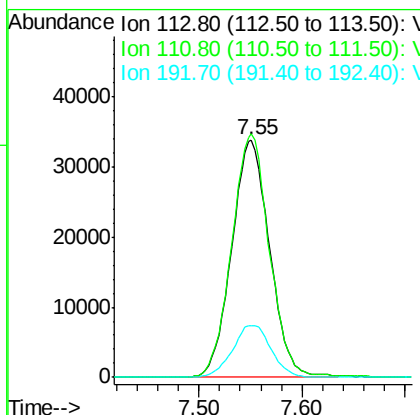
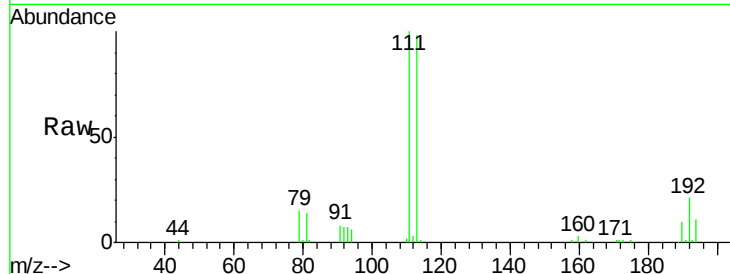




#35
 Dibromofluoromethane
 Concen: 51.220 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063021.D
 Acq: 19 Aug 2020 18:46

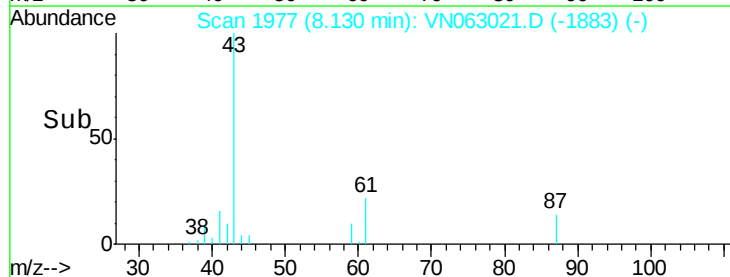
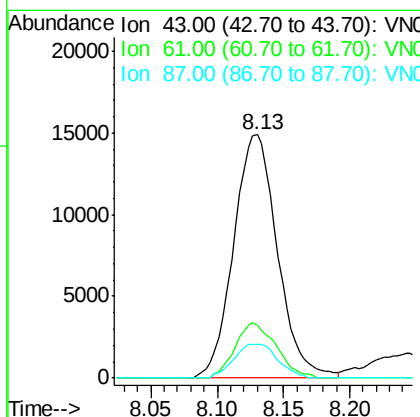
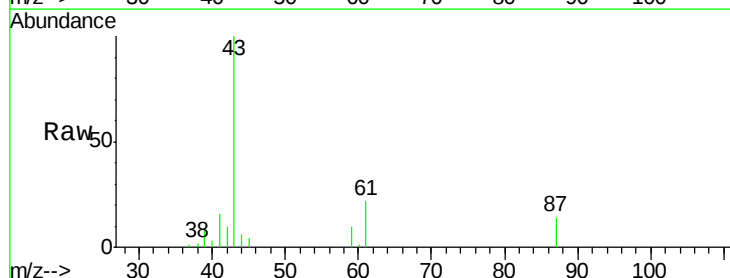
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-081820

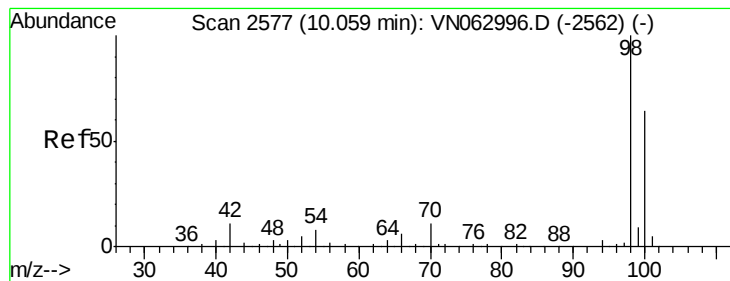
Tot Ion:113 Resp: 86546
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.7 122.5
 192 22.1 17.5 26.3



#43
 Isopropyl Acetate
 Concen: 9.655 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN063021.D
 Acq: 19 Aug 2020 18:46

Tgt Ion: 43 Resp: 34252
 Ion Ratio Lower Upper
 43 100
 61 21.4 22.6 33.8#
 87 13.9 10.5 15.7





#50

Toluene-d8

Concen: 53.343 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

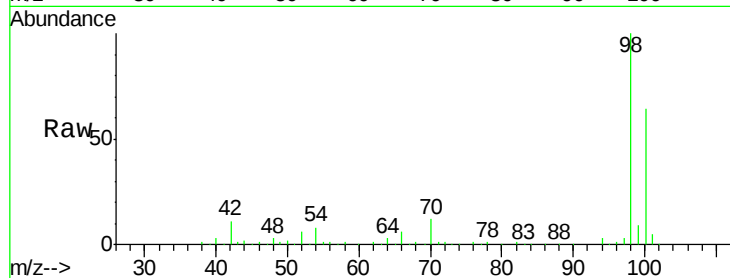
SU-02-081820

Tot Ion: 98 Resp: 346207

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

200000

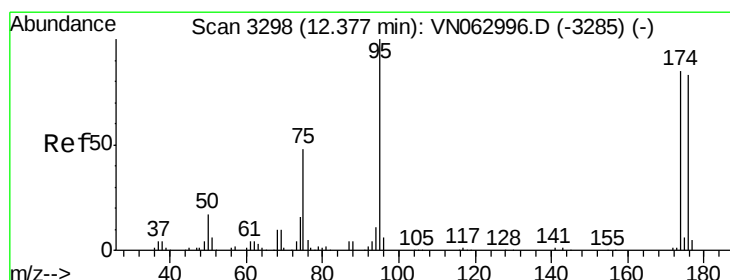
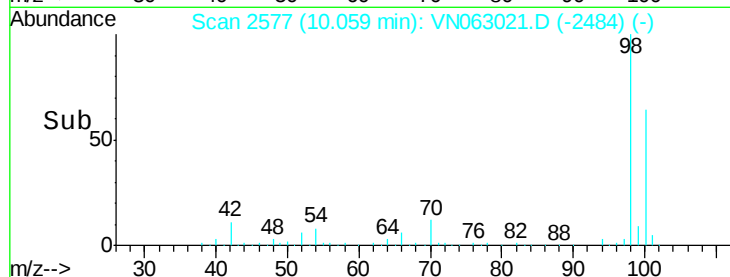
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.997 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063021.D

Acq: 19 Aug 2020 18:46

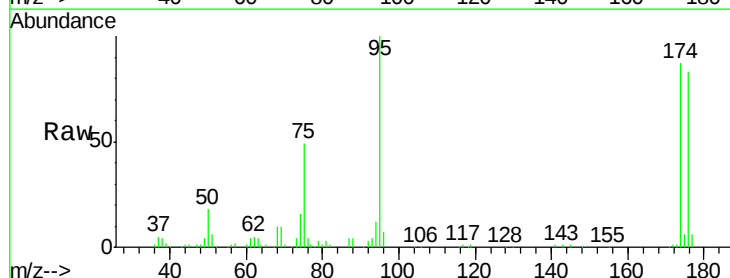
Tgt Ion: 95 Resp: 116797

Ion Ratio Lower Upper

95 100

174 86.8 0.0 170.8

176 82.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

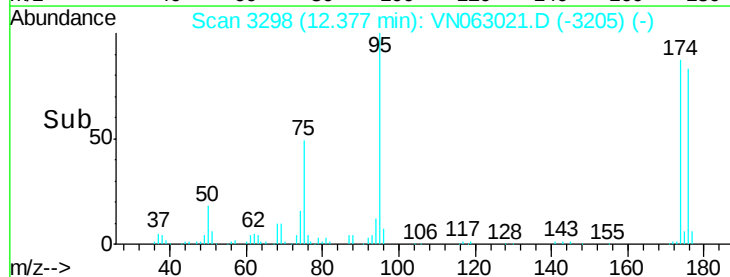
60000

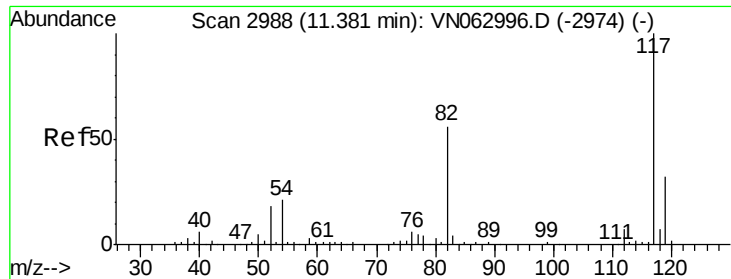
40000

20000

0

Time-->

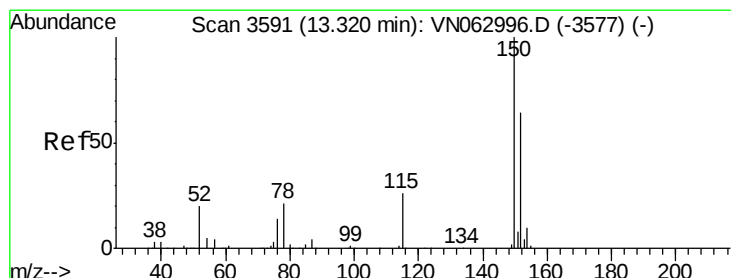
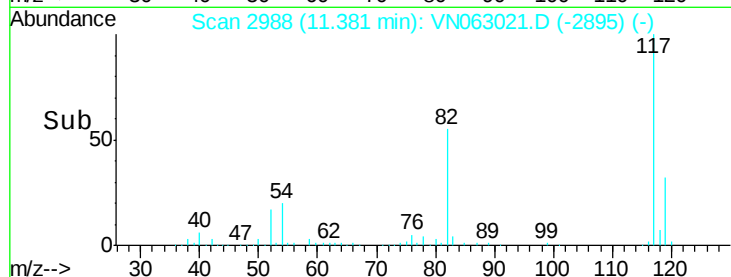
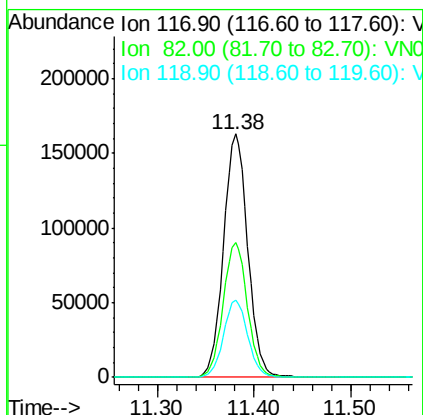
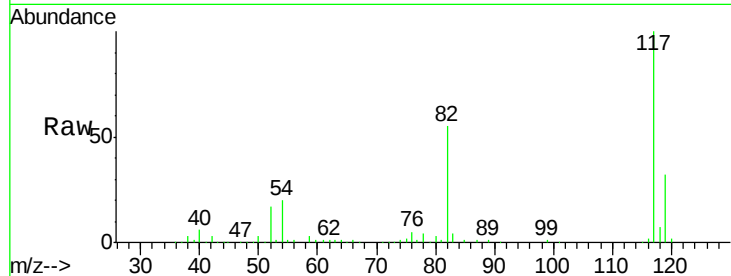




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063021.D
Acq: 19 Aug 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
SU-02-081820

Tot Ion:117 Resp: 283706
Ion Ratio Lower Upper
117 100
82 55.1 44.5 66.7
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063021.D
Acq: 19 Aug 2020 18:46

Tgt Ion:152 Resp: 100677
Ion Ratio Lower Upper
152 100
115 56.8 28.7 86.3
150 157.5 0.0 348.8

