

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062166.D
 Acq On : 27 Jun 2020 2:40
 Operator : JC/MD
 Sample : L2817-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-062420

Quant Time: Jun 27 06:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

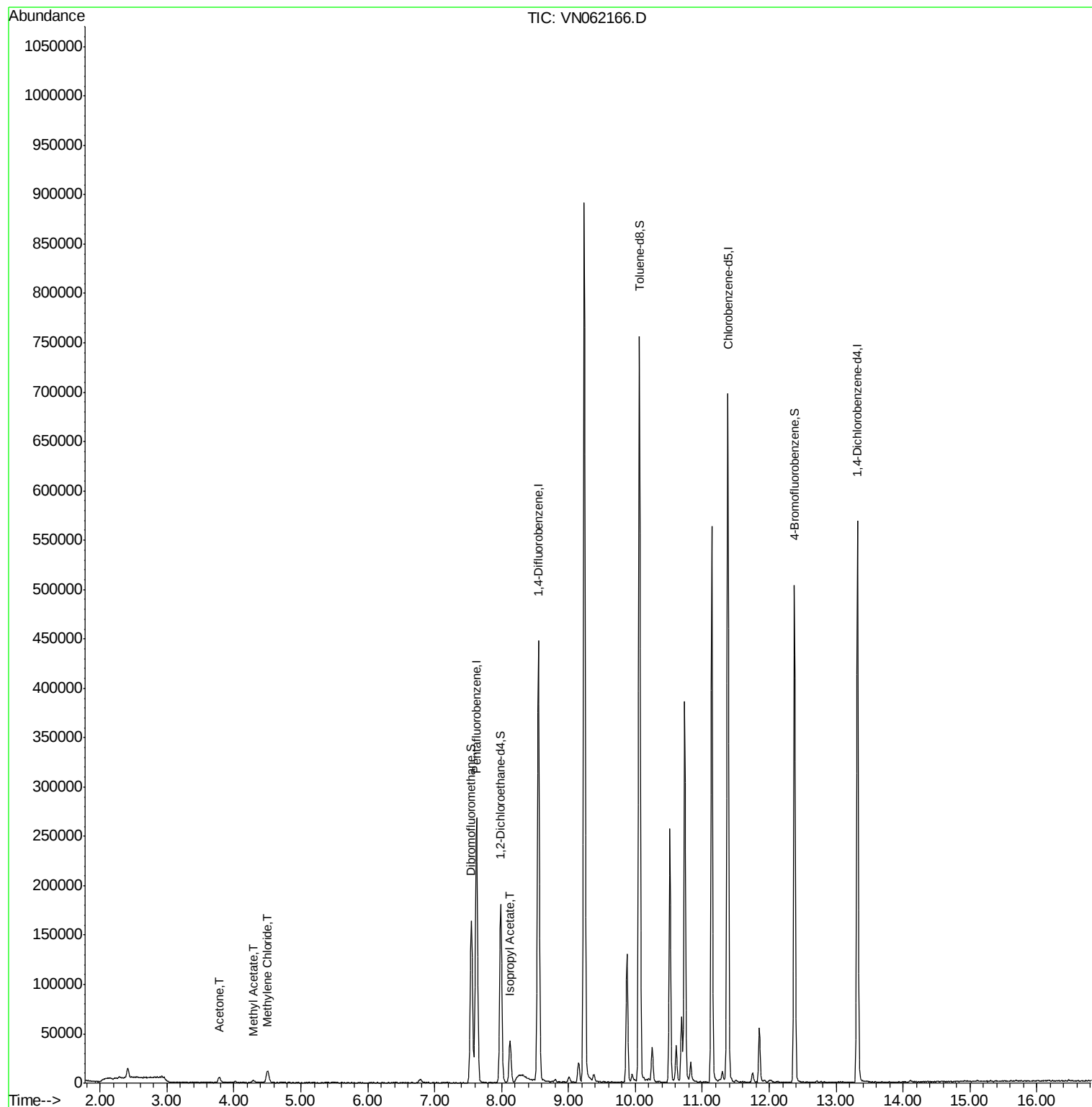
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	405896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	406252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	152092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	152293	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.55	113	128382	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.06	98	525126	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.38	95	175413	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
Target Compounds						
16) Acetone	3.78	43	10060	6.724	ug/l	98
18) Methyl Acetate	4.28	43	4241	1.775	ug/l #	82
20) Methylene Chloride	4.51	84	9684	3.308	ug/l	95
43) Isopropyl Acetate	8.13	43	49134	8.922	ug/l	99

(#) = 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: VN062166.D

Acq: 27 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

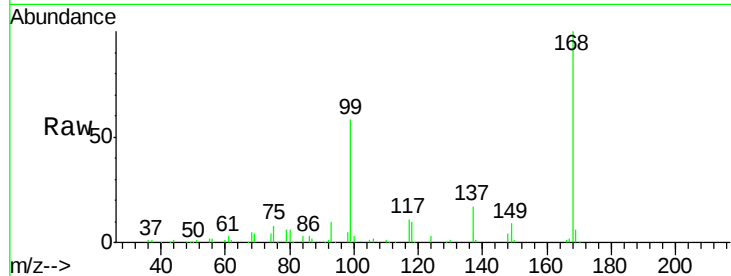
SU-01-062420

Tot Ion:168 Resp: 214131

Ion Ratio Lower Upper

168 100

99 58.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): VN062059.D

Ion 98.90 (98.60 to 99.60): VN062059.D

7.63

100000

80000

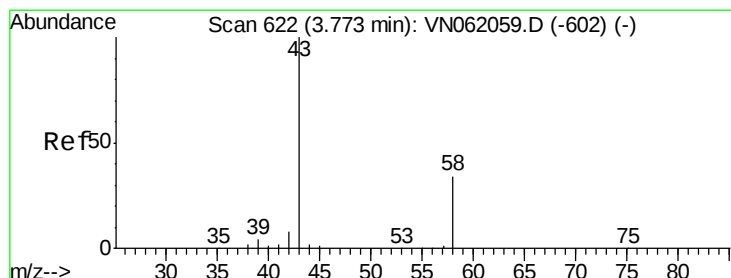
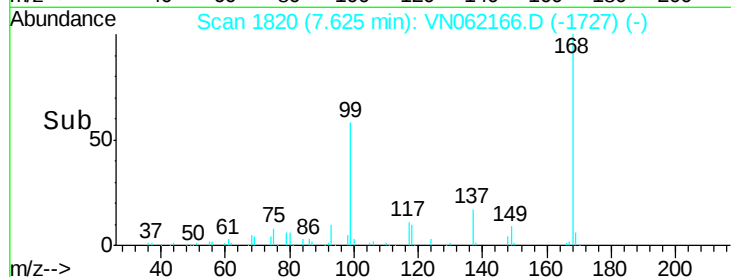
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 6.724 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062166.D

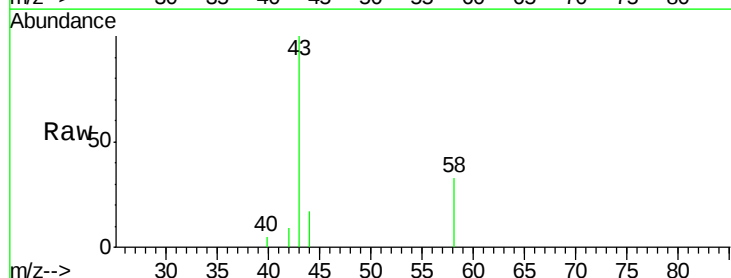
Acq: 27 Jun 2020 2:40

Tgt Ion: 43 Resp: 10060

Ion Ratio Lower Upper

43 100

58 33.4 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D

Ion 58.00 (57.70 to 58.70): VN062059.D

3.78

4000

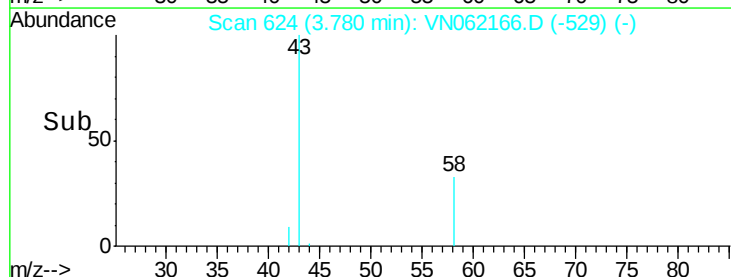
3000

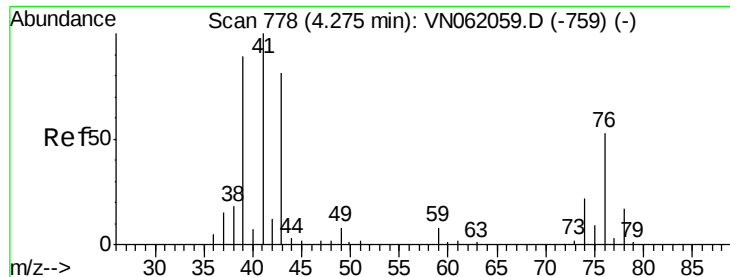
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

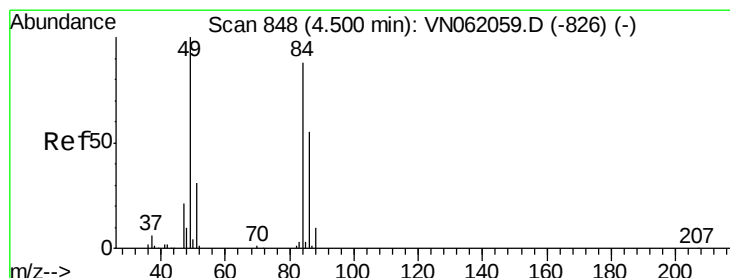
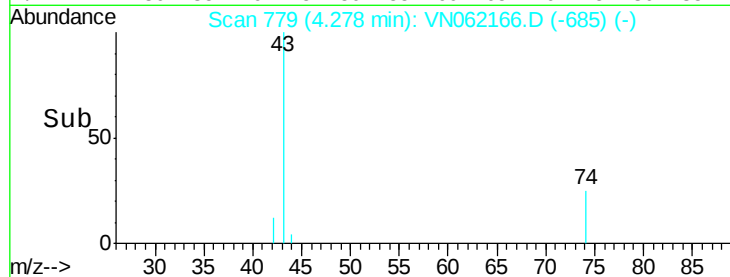
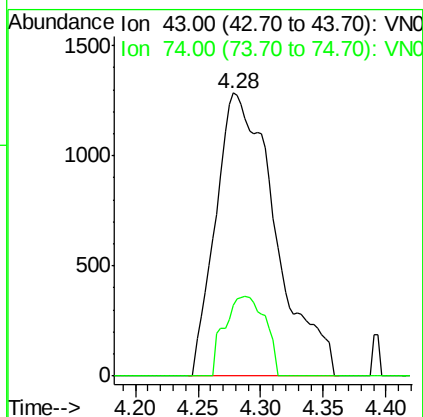
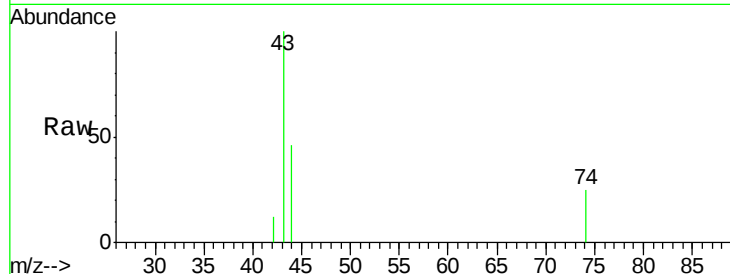




#18
Methyl Acetate
Concen: 1.775 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062166.D
Acq: 27 Jun 2020 2:40

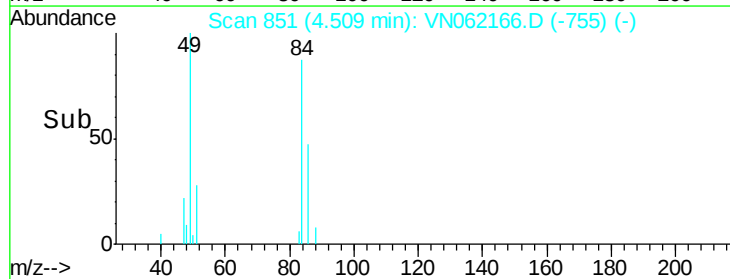
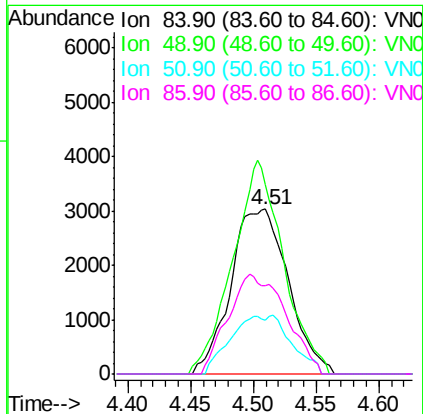
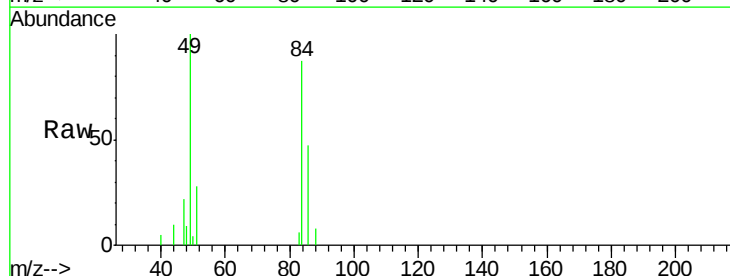
Instrument :
MSVOA_N
ClientSampled :
SU-01-062420

Tot Ion: 43 Resp: 4241
Ion Ratio Lower Upper
43 100
74 19.1 22.9 34.3#



#20
Methylene Chloride
Concen: 3.308 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN062166.D
Acq: 27 Jun 2020 2:40

Tgt Ion: 84 Resp: 9684
Ion Ratio Lower Upper
84 100
49 115.2 90.6 136.0
51 32.8 27.8 41.8
86 53.8 50.1 75.1

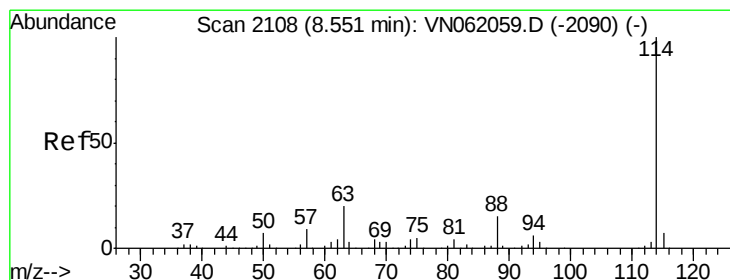
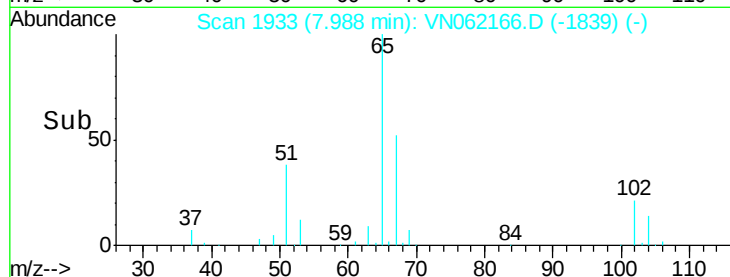
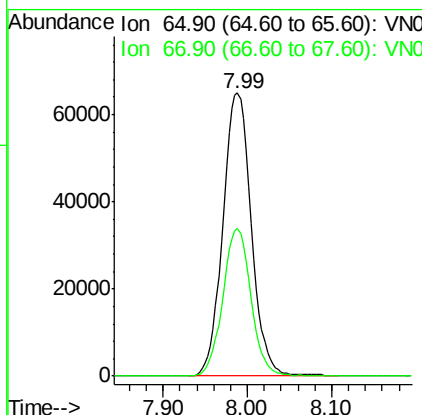
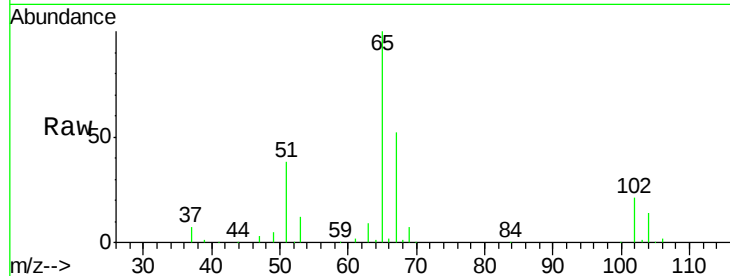




#33
 1,2-Dichloroethane-d4
 Concen: 50.680 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062166.D
 Acq: 27 Jun 2020 2:40

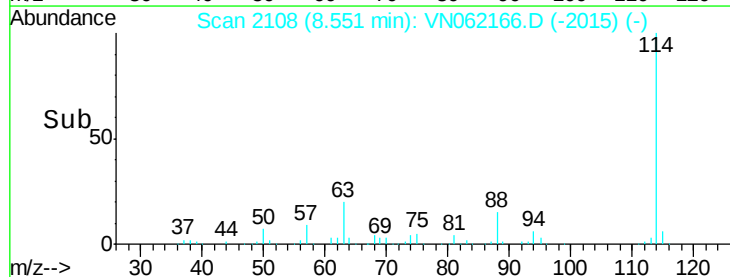
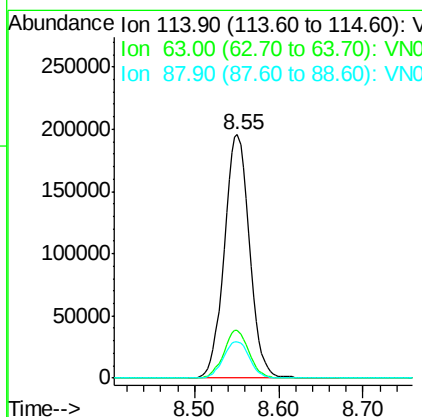
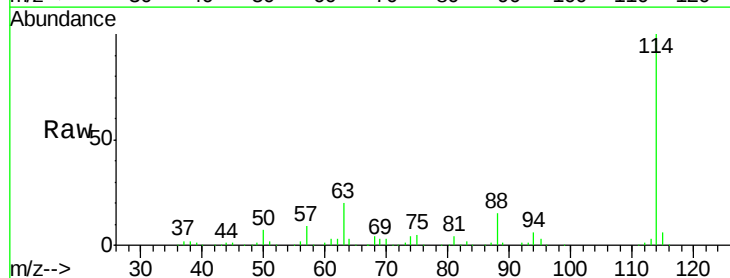
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-062420

Tot Ion: 65 Resp: 152293
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062166.D
 Acq: 27 Jun 2020 2:40

Tgt Ion: 114 Resp: 405896
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.0 0.0 30.8

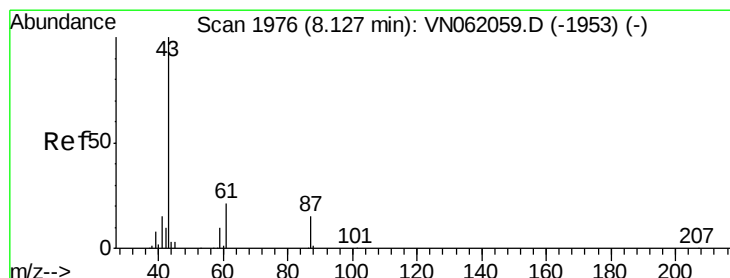
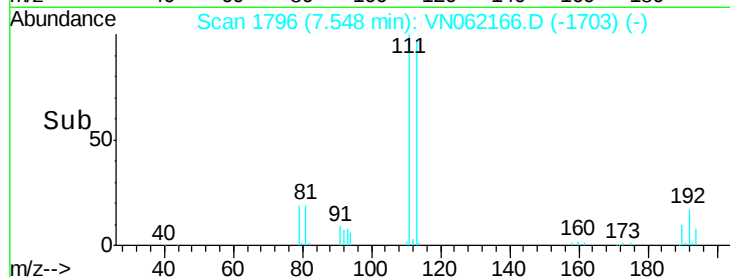
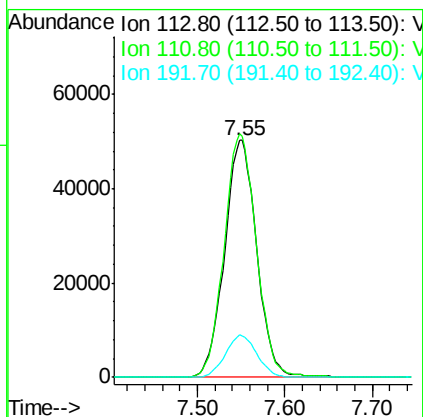
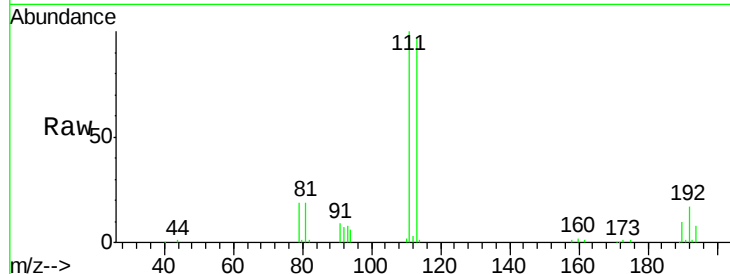




#35
Dibromofluoromethane
Concen: 49.302 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062166.D
Acq: 27 Jun 2020 2:40

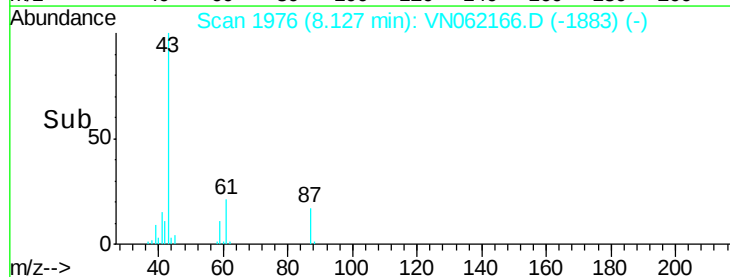
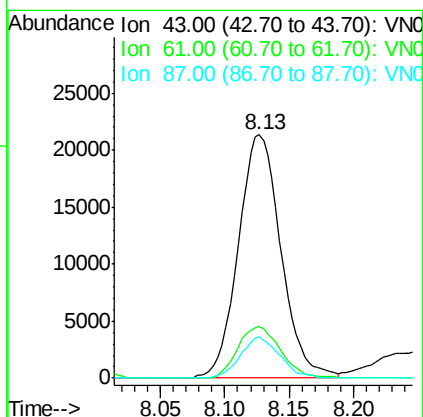
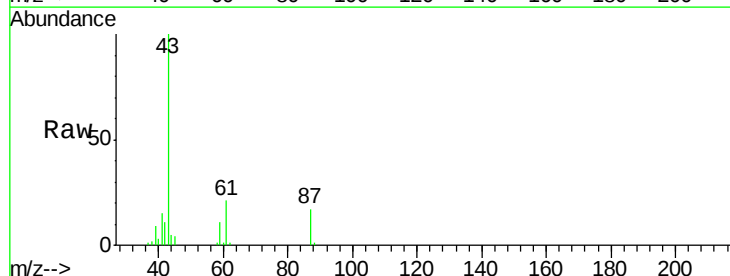
Instrument :
MSVOA_N
ClientSampleId :
SU-01-062420

Tot Ion:113 Resp: 128382
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.4 14.0 21.0



#43
Isopropyl Acetate
Concen: 8.922 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062166.D
Acq: 27 Jun 2020 2:40

Tgt Ion: 43 Resp: 49134
Ion Ratio Lower Upper
43 100
61 21.3 17.2 25.8
87 15.6 12.1 18.1





#50

Toluene-d8

Concen: 50.449 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062166.D

Acq: 27 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

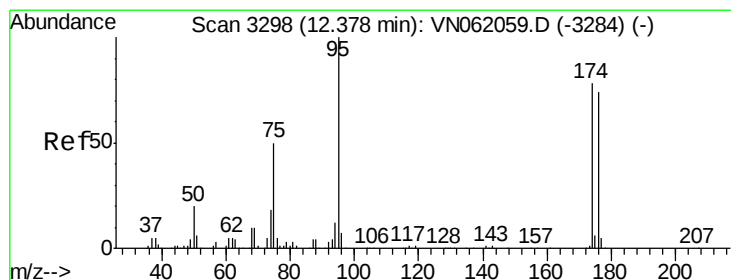
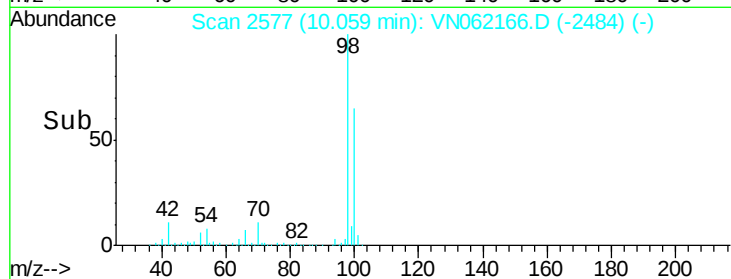
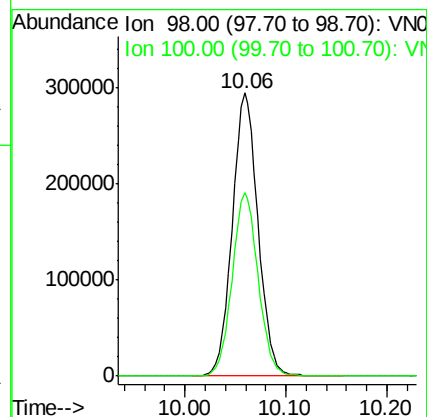
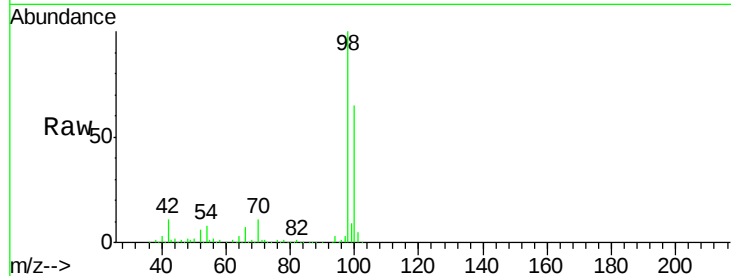
SU-01-062420

Tot Ion: 98 Resp: 525126

Ion Ratio Lower Upper

98 100

100 65.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.879 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062166.D

Acq: 27 Jun 2020 2:40

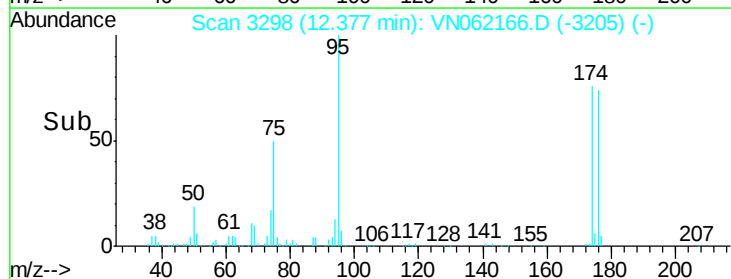
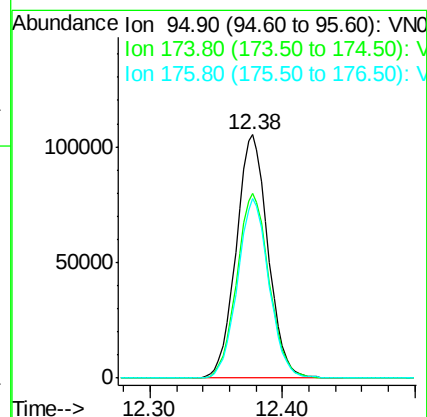
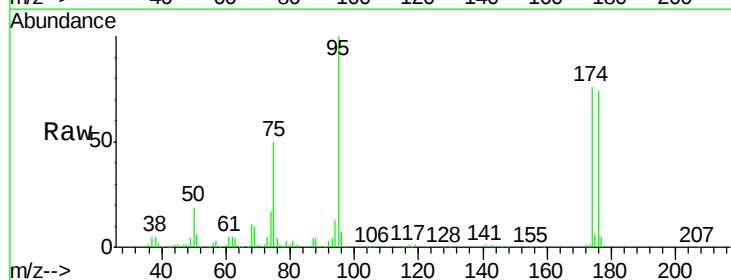
Tgt Ion: 95 Resp: 175413

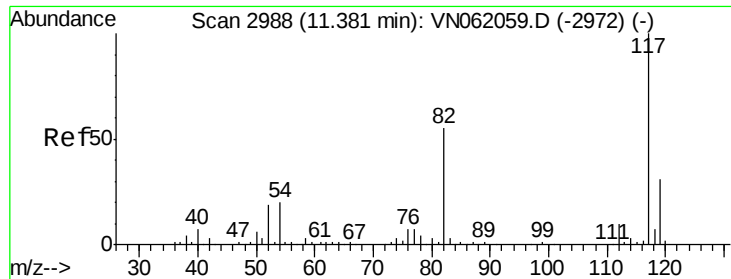
Ion Ratio Lower Upper

95 100

174 77.0 0.0 154.8

176 73.0 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062166.D

Acq: 27 Jun 2020 2:40

Instrument :

MSVOA_N

ClientSampleId :

SU-01-062420

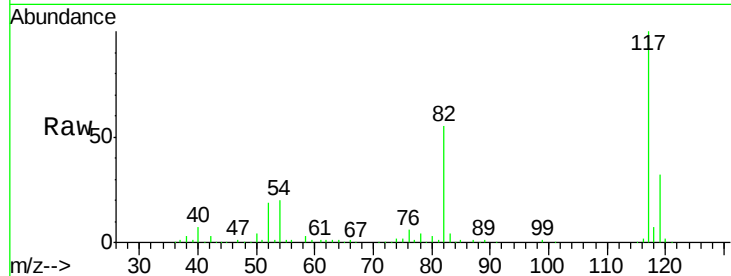
Tot Ion:117 Resp: 406252

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

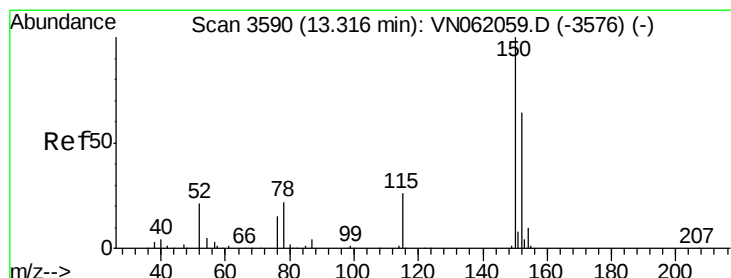
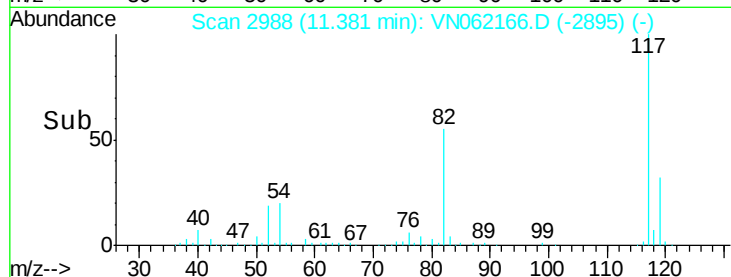
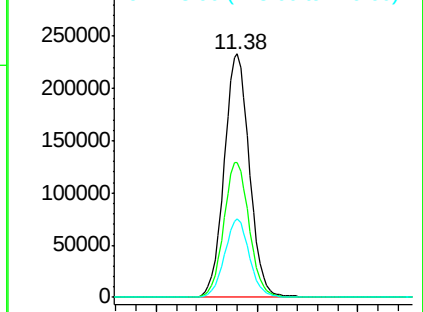
119 32.1 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062166.D

Acq: 27 Jun 2020 2:40

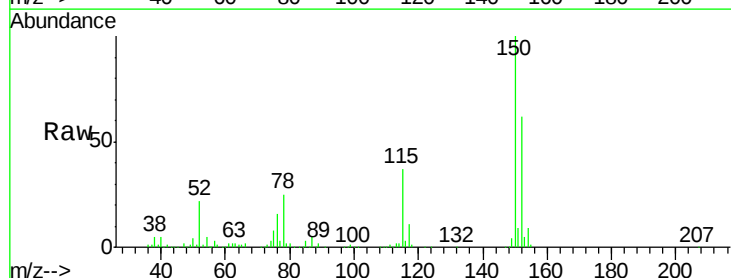
Tgt Ion:152 Resp: 152092

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

150 159.5 0.0 351.4



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

