

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060855.D
 Acq On : 6 Apr 2020 16:43
 Operator : JC/MD
 Sample : L2132-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-1

Quant Time: Apr 07 08:20:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

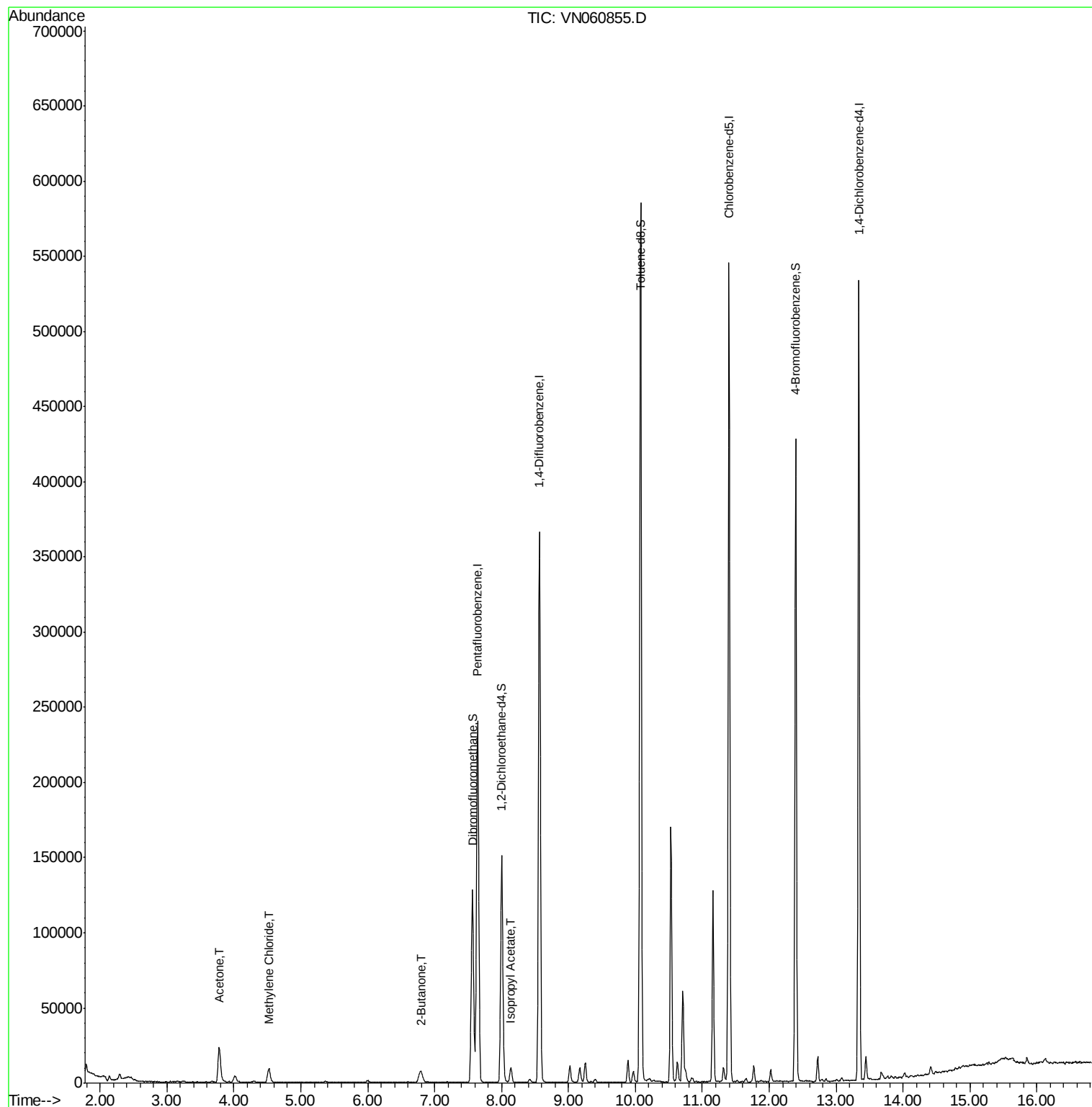
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127539	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
35) Dibromofluoromethane	7.56	113	97659	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	10.08	98	406791	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.40	95	149424	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
Target Compounds						
16) Acetone	3.78	43	40970	42.416	ug/l	98
20) Methylene Chloride	4.53	84	7299	3.072	ug/l	93
25) 2-Butanone	6.80	43	11894	7.610	ug/l	94
43) Isopropyl Acetate	8.14	43	11648	2.048	ug/l #	89

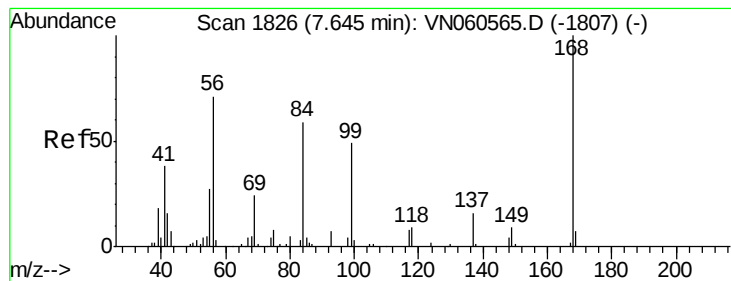
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 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: VN060855.D

Acq: 6 Apr 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

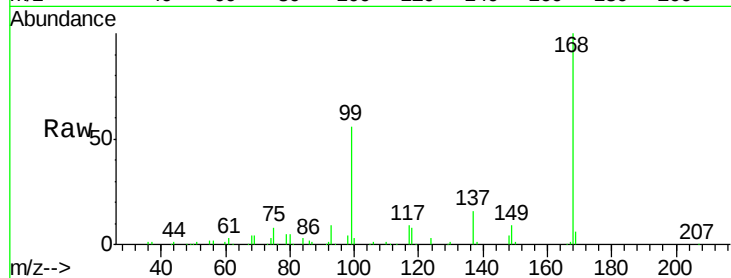
T-1

Tot Ion:168 Resp: 198640

Ion Ratio Lower Upper

168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

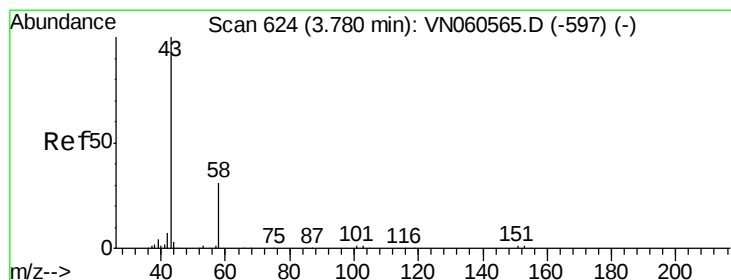
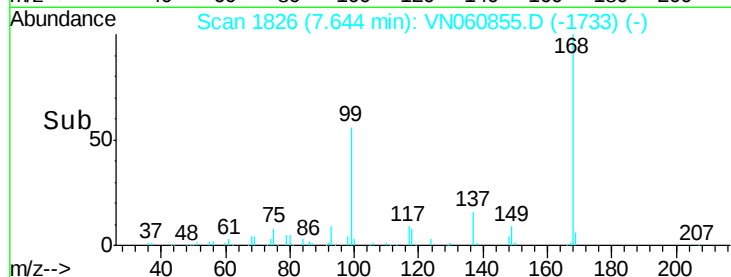
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 42.416 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060855.D

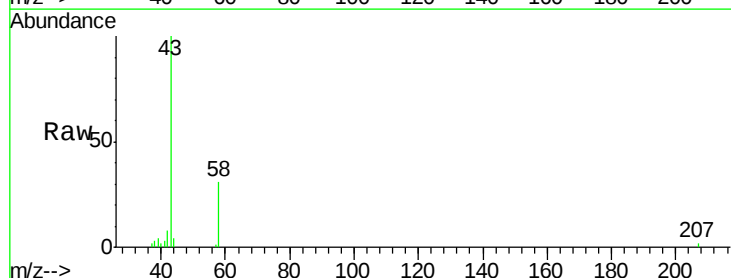
Acq: 6 Apr 2020 16:43

Tgt Ion: 43 Resp: 40970

Ion Ratio Lower Upper

43 100

58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

15000

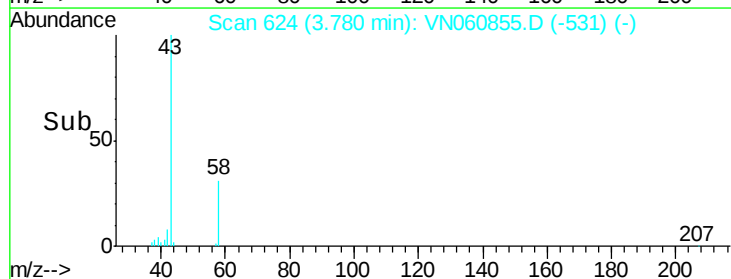
10000

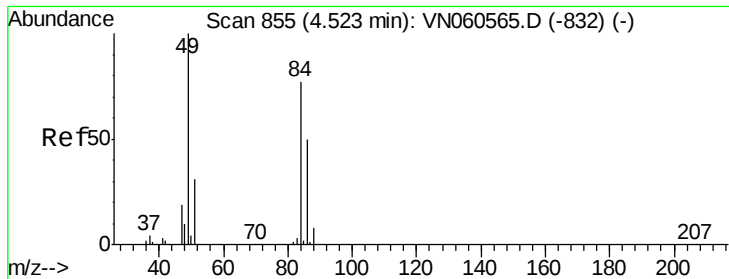
5000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 3.072 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060855.D

Acq: 6 Apr 2020 16:43

Instrument :
MSVOA_N
ClientSampled :
T-1

Tot Ion: 84 Resp: 7299

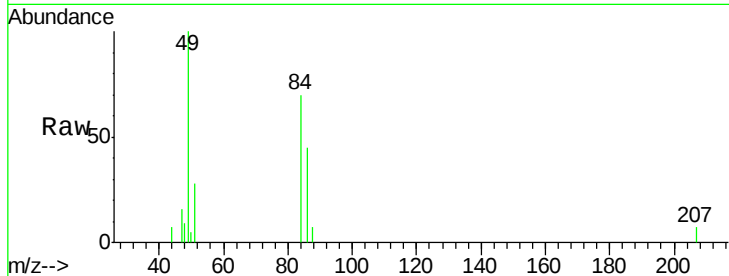
Ion Ratio Lower Upper

84 100

49 142.3 103.3 154.9

51 39.7 31.6 47.4

86 63.6 52.0 78.0

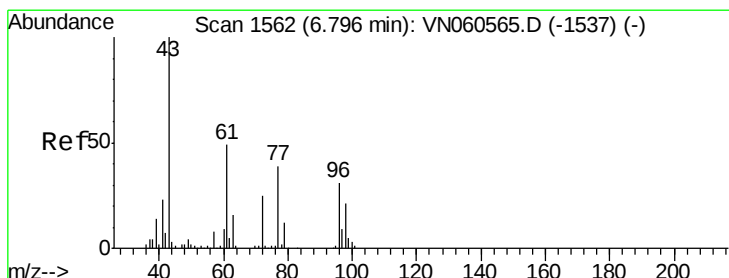
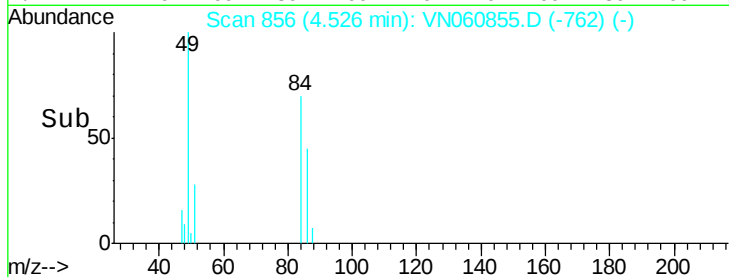
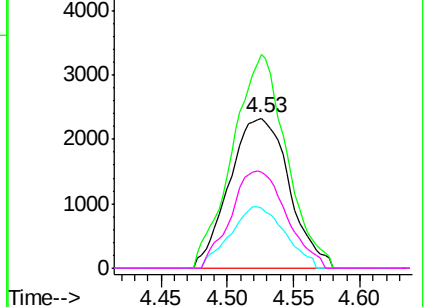


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 7.610 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060855.D

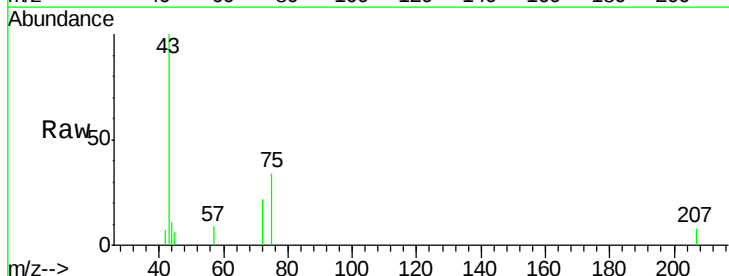
Acq: 6 Apr 2020 16:43

Tgt Ion: 43 Resp: 11894

Ion Ratio Lower Upper

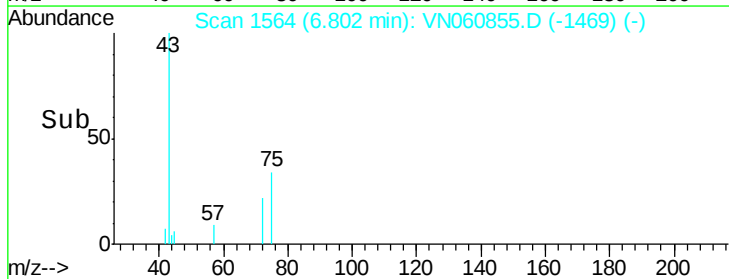
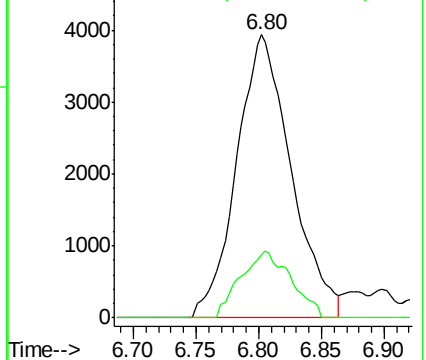
43 100

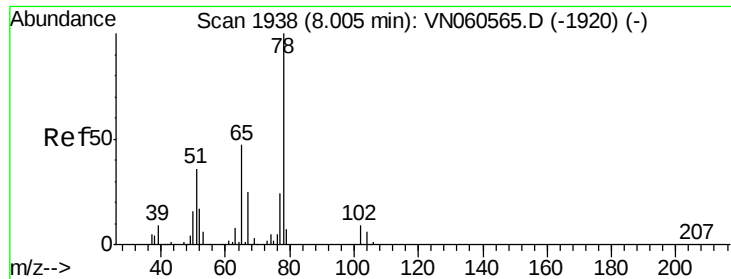
72 22.4 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.771 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060855.D

Acq: 6 Apr 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

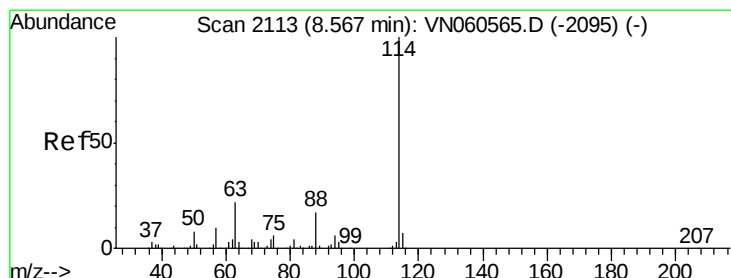
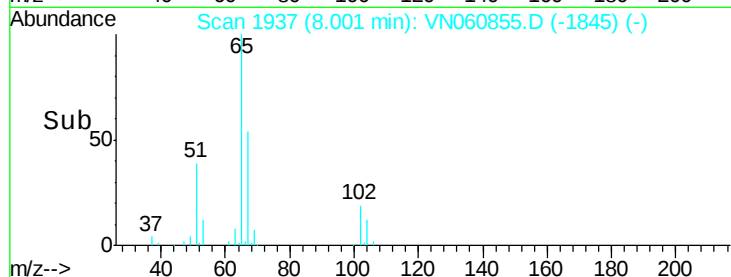
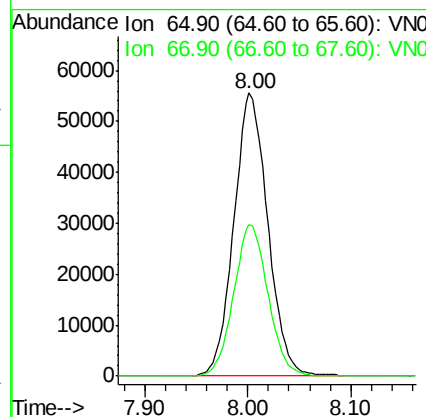
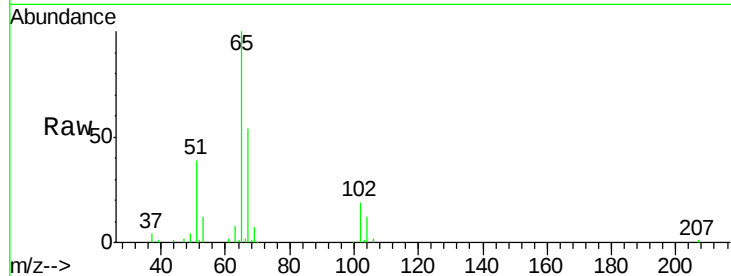
T-1

Tot Ion: 65 Resp: 127539

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060855.D

Acq: 6 Apr 2020 16:43

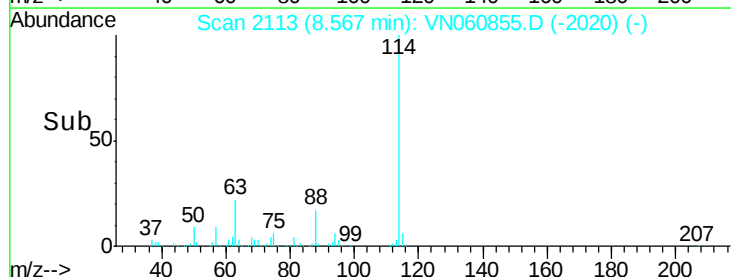
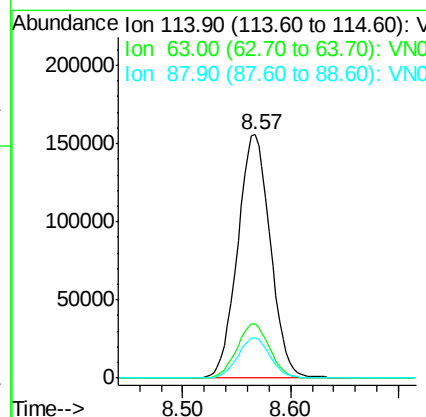
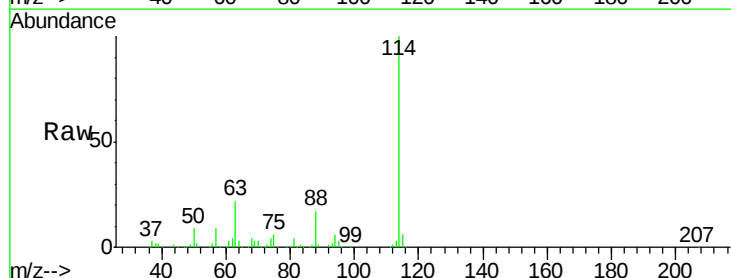
Tgt Ion: 114 Resp: 329604

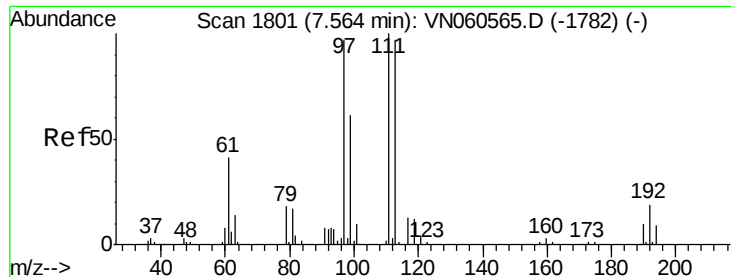
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 16.7 0.0 33.0

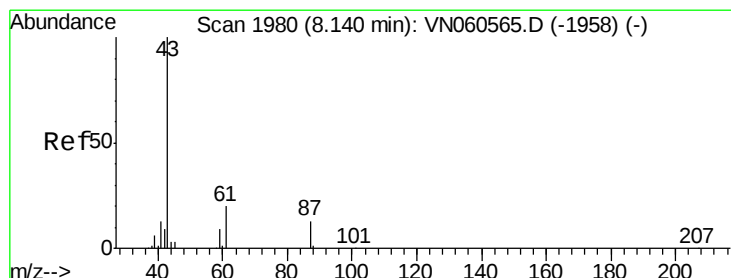
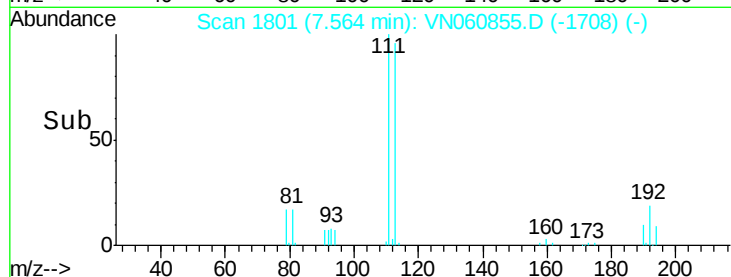
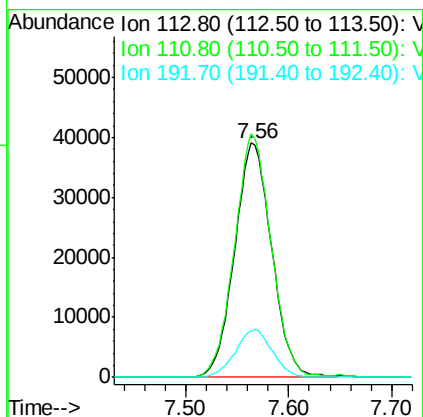
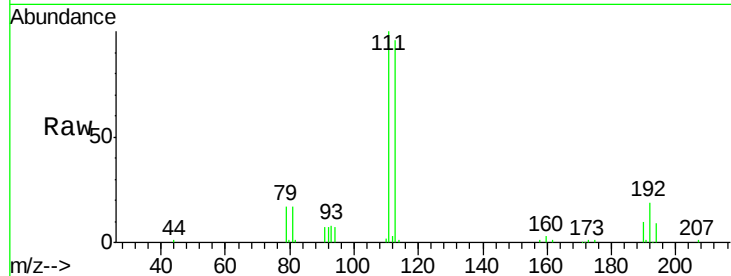




#35
 Dibromofluoromethane
 Concen: 49.001 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060855.D
 Acq: 6 Apr 2020 16:43

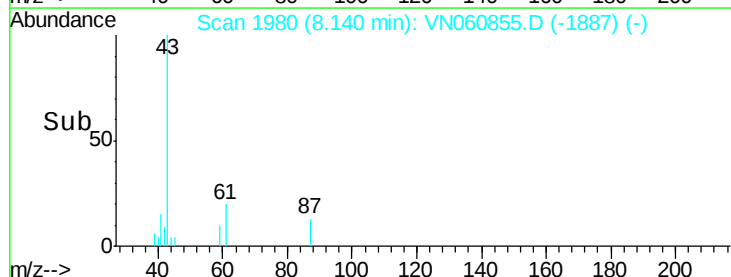
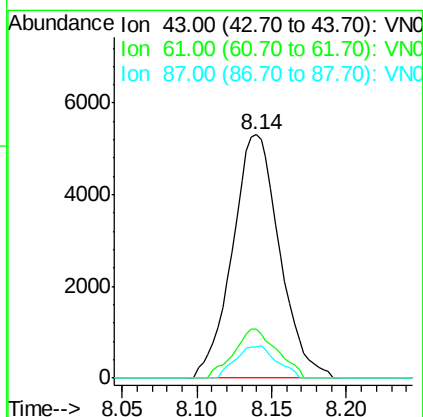
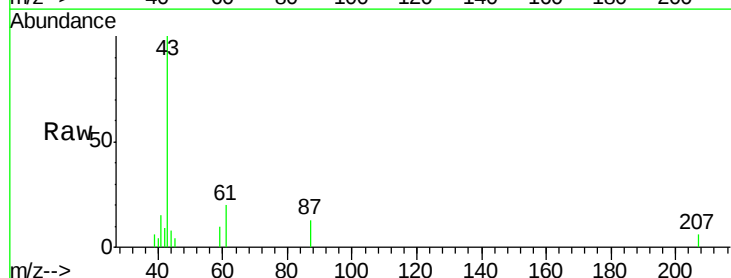
Instrument :
 MSVOA_N
 ClientSampled :
 T-1

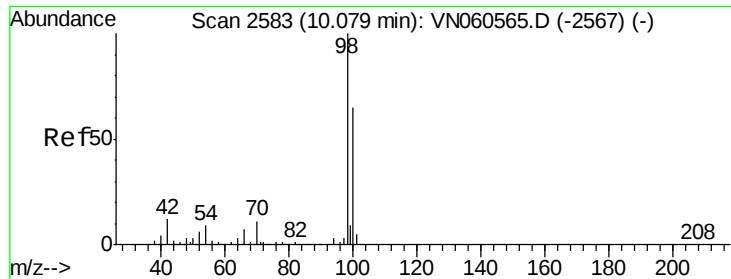
Tot Ion:113 Resp: 97659
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 20.2 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 2.048 ug/l
 RT: 8.14 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060855.D
 Acq: 6 Apr 2020 16:43

Tgt Ion: 43 Resp: 11648
 Ion Ratio Lower Upper
 43 100
 61 18.3 20.7 31.1#
 87 11.6 9.8 14.8





#50

Toluene-d8

Concen: 49.970 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060855.D

Acq: 6 Apr 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

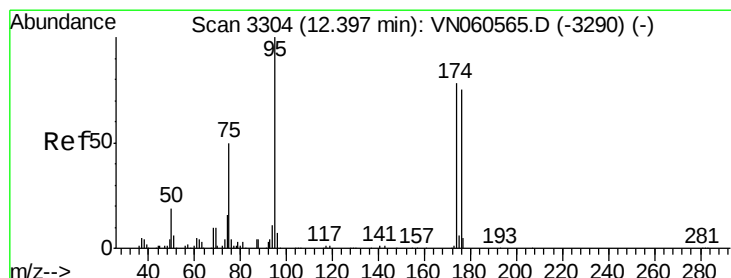
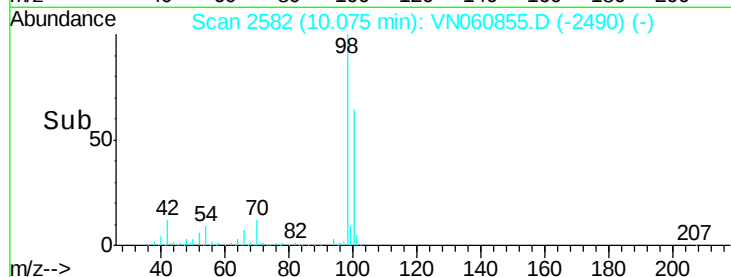
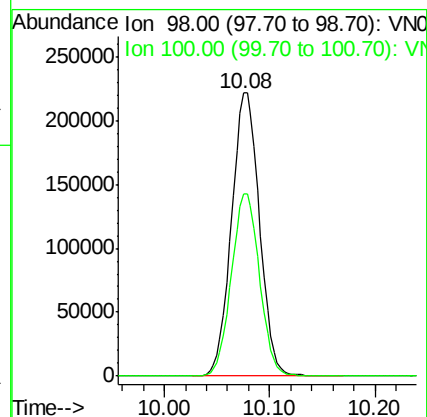
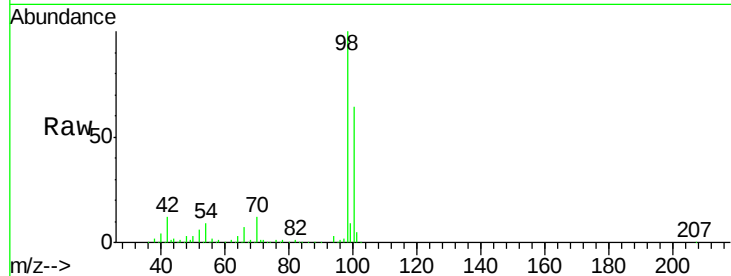
T-1

Tot Ion: 98 Resp: 406791

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.084 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060855.D

Acq: 6 Apr 2020 16:43

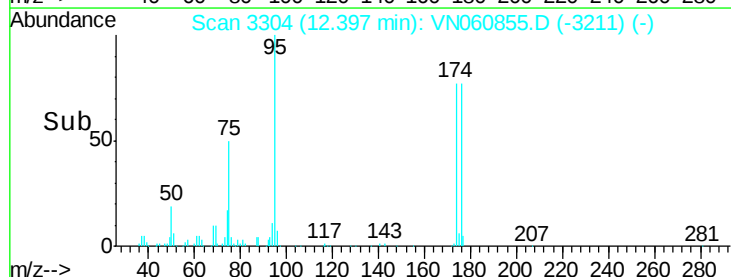
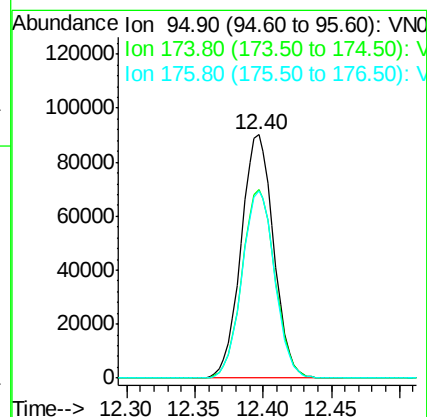
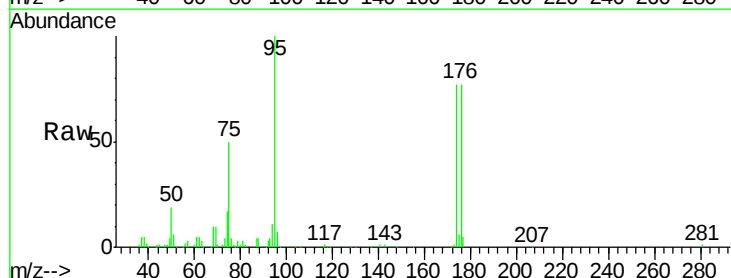
Tgt Ion: 95 Resp: 149424

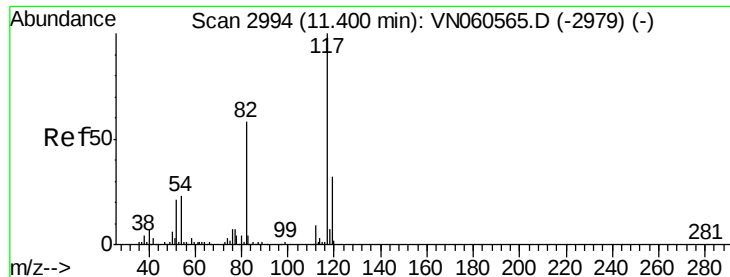
Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

176 77.1 0.0 150.6

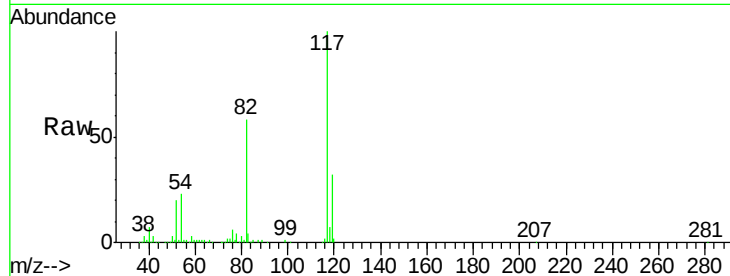




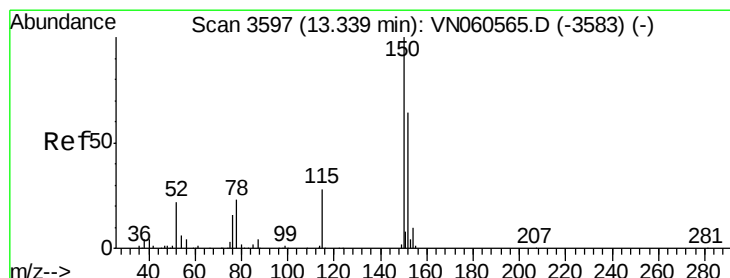
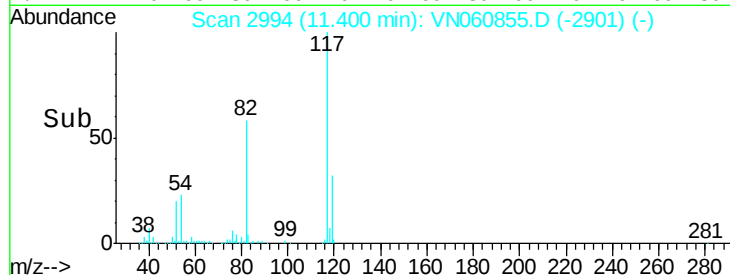
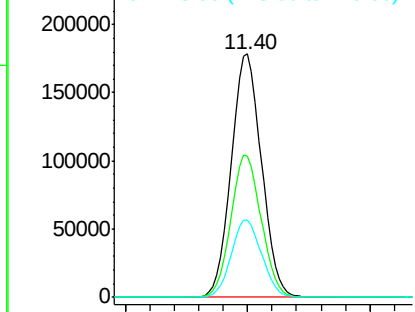
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060855.D
Acq: 6 Apr 2020 16:43

Instrument :
MSVOA_N
ClientSampled :
T-1

Tot Ion:117 Resp: 308182
Ion Ratio Lower Upper
117 100
82 58.2 46.7 70.1
119 31.9 25.5 38.3

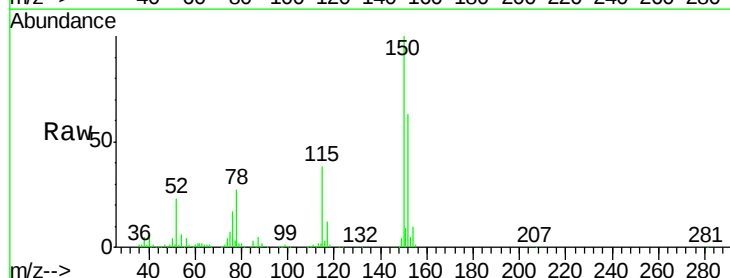


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060855.D
Acq: 6 Apr 2020 16:43

Tgt Ion:152 Resp: 139073
Ion Ratio Lower Upper
152 100
115 59.9 30.2 90.6
150 157.2 0.0 350.2



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

