

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064995.D
 Acq On : 9 Dec 2020 2:39
 Operator : JC/MD
 Sample : L4970-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-A-BOTTOM

Quant Time: Dec 09 08:20:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	166999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138879	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106946	55.08	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	110.16%		
35) Dibromofluoromethane	7.55	113	100786	53.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.34%		
50) Toluene-d8	10.06	98	398377	51.44	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.88%		
62) 4-Bromofluorobenzene	12.38	95	150325	54.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.48%		

Target Compounds

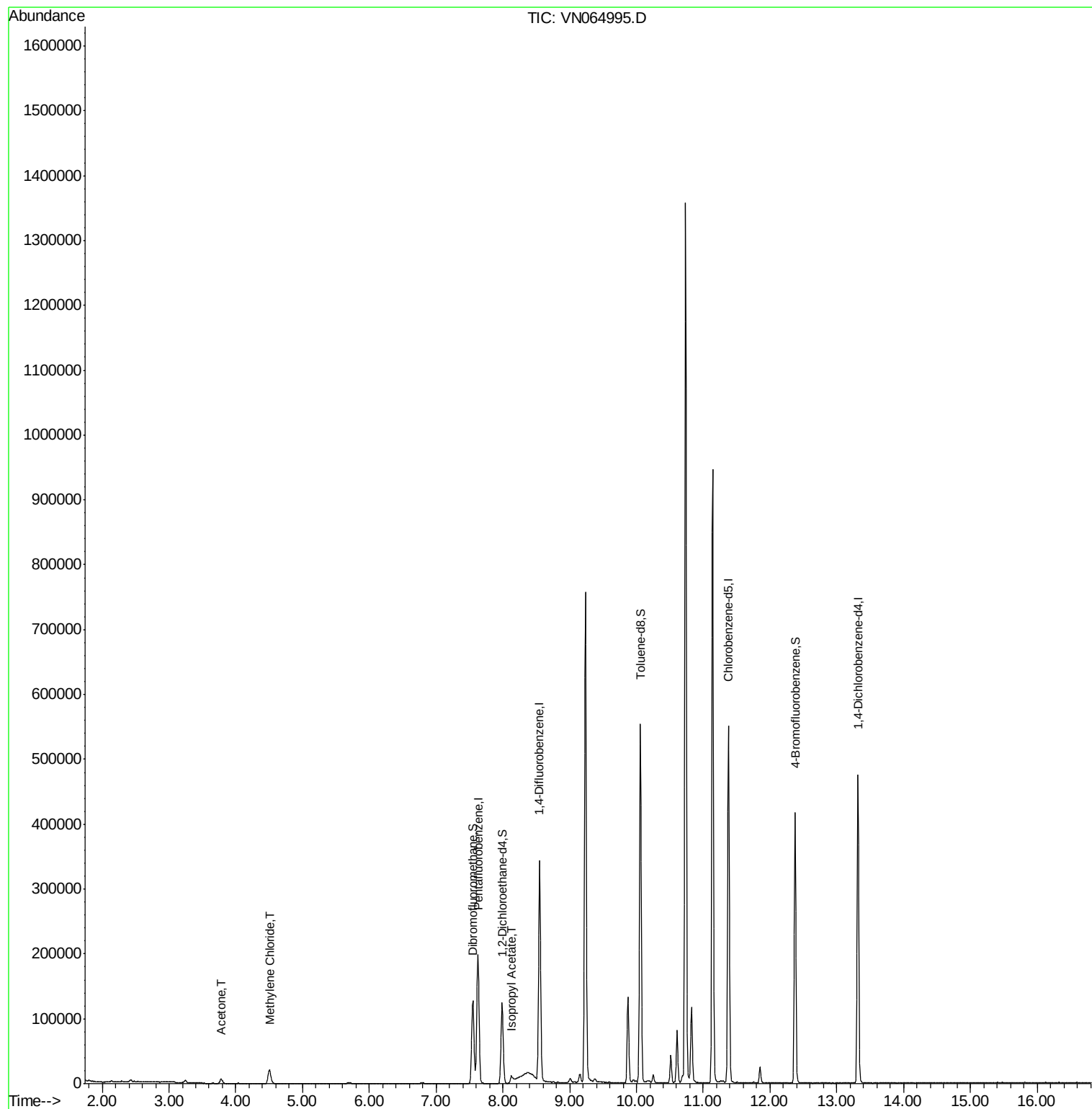
					Qvalue
16) Acetone	3.78	43	12386	19.407 ug/l	95
20) Methylene Chloride	4.51	84	17265	8.633 ug/l	95
43) Isopropyl Acetate	8.13	43	18632	4.094 ug/l #	82

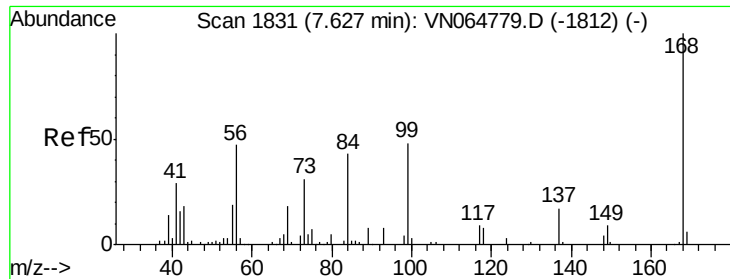
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064995.D

Acq: 9 Dec 2020 2:39

Instrument :

MSVOA_N

ClientSampleId :

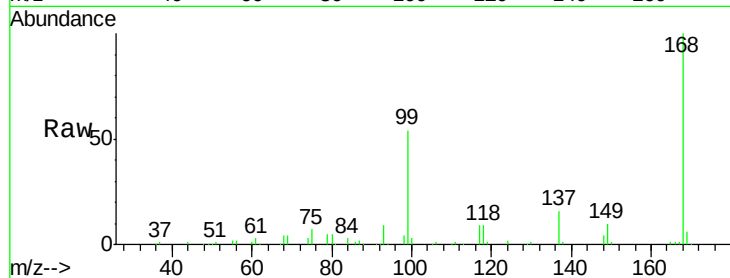
4S2-A-BOTTOM

Tot Ion:168 Resp: 166999

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

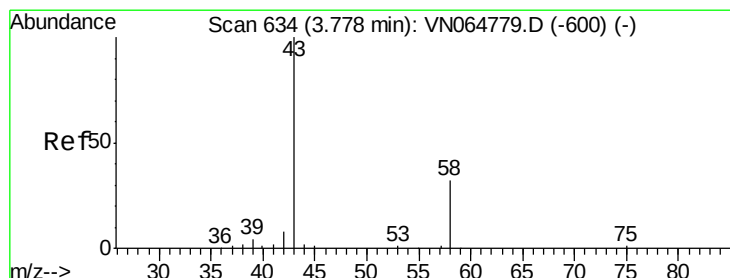
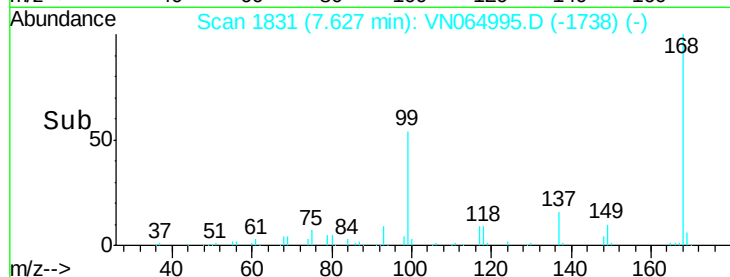
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 19.407 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064995.D

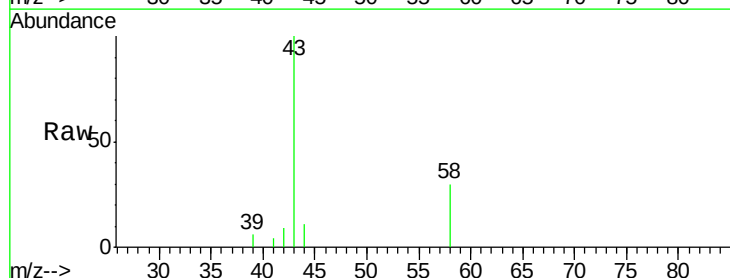
Acq: 9 Dec 2020 2:39

Tgt Ion: 43 Resp: 12386

Ion Ratio Lower Upper

43 100

58 29.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

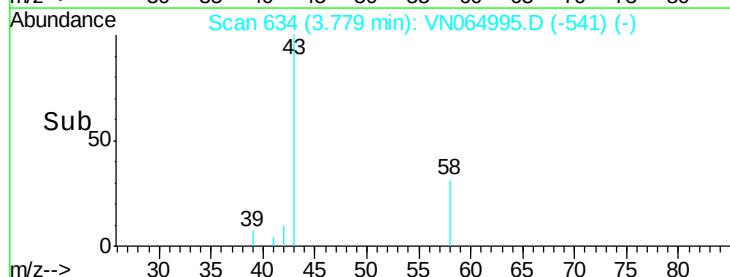
3000

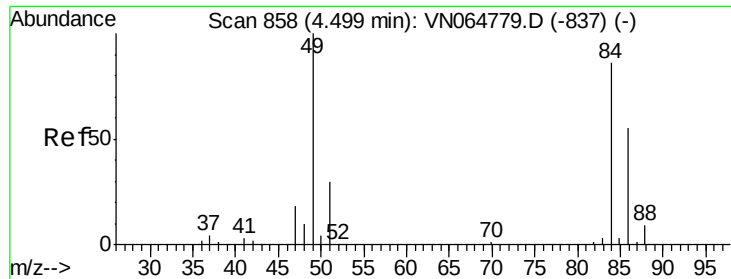
2000

1000

0

Time-->

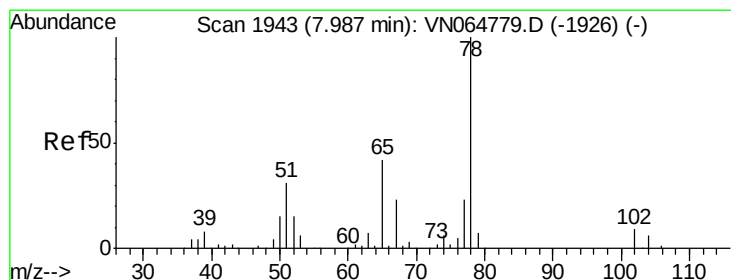
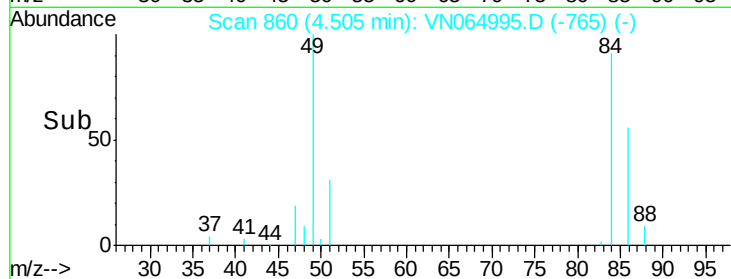
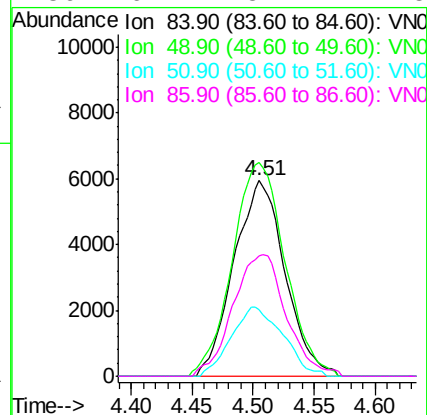
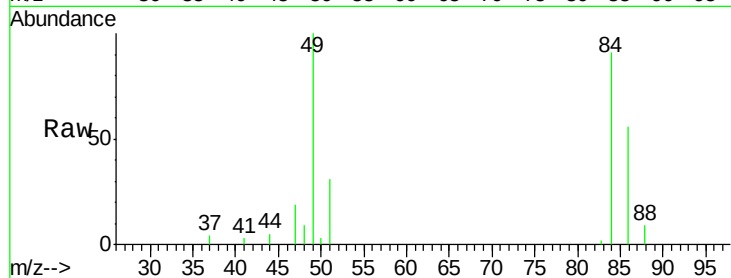




#20
Methylene Chloride
Concen: 8.633 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064995.D
Acq: 9 Dec 2020 2:39

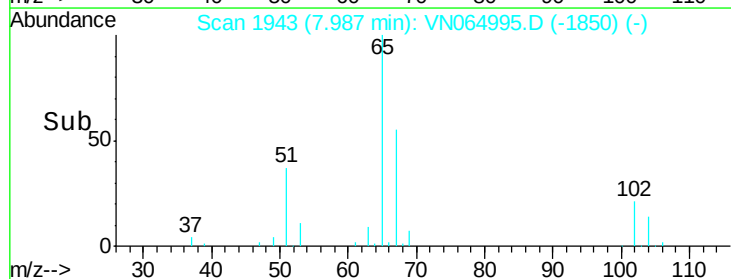
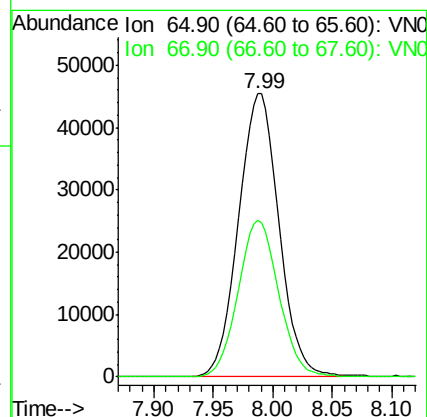
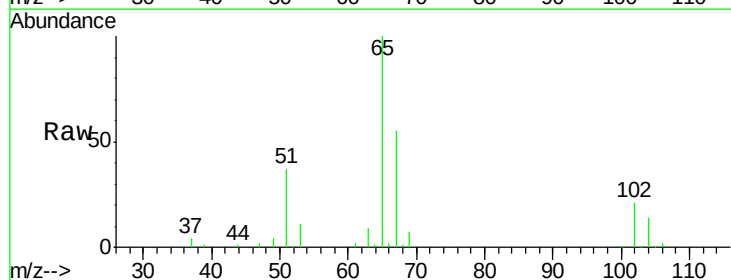
Instrument :
MSVOA_N
ClientSampleId :
4S2-A-BOTTOM

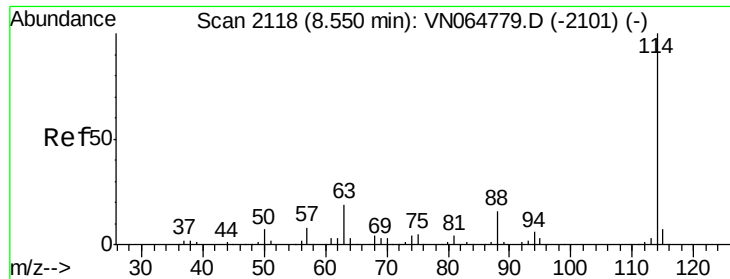
Tot Ion:	84	Resp:	17265
Ion	Ratio	Lower	Upper
84	100		
49	109.3	93.4	140.0
51	34.1	28.2	42.4
86	61.7	51.7	77.5



#33
1,2-Dichloroethane-d4
Concen: 55.085 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064995.D
Acq: 9 Dec 2020 2:39

Tgt Ion:	65	Resp:	106946
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	108.2

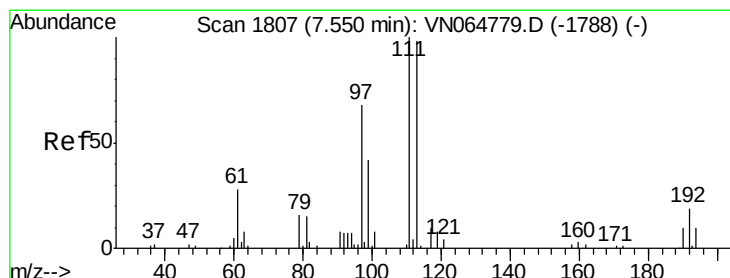
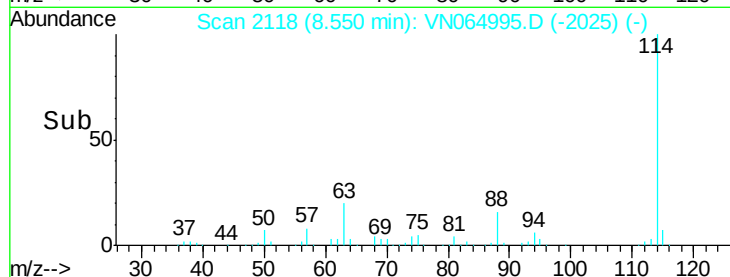
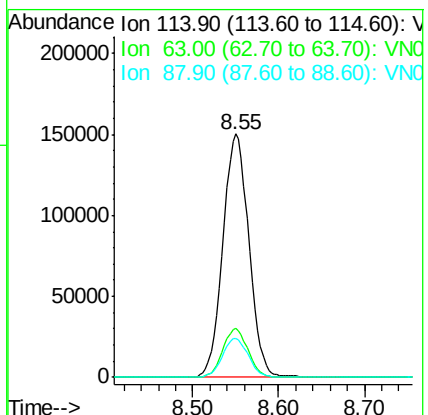
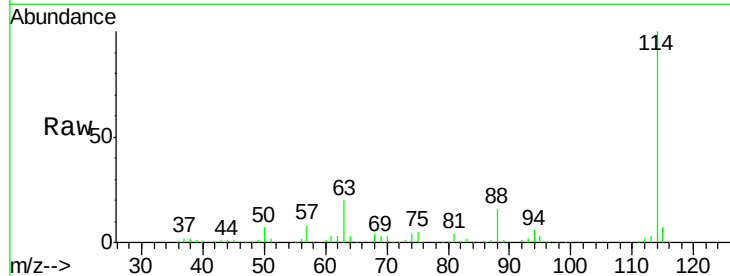




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064995.D
Acq: 9 Dec 2020 2:39

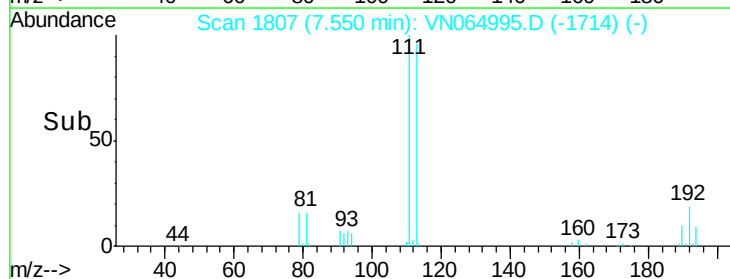
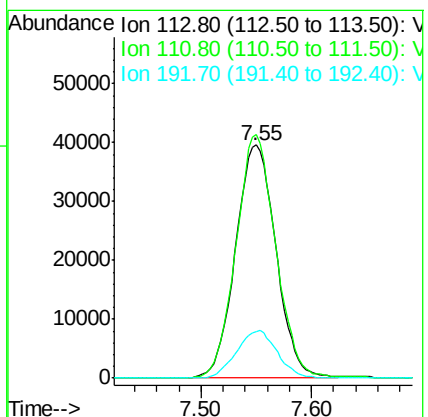
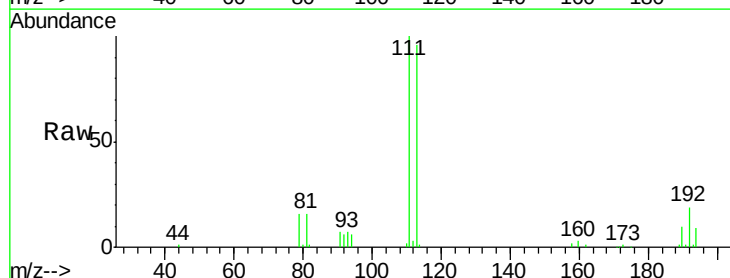
Instrument :
MSVOA_N
ClientSampleId :
4S2-A-BOTTOM

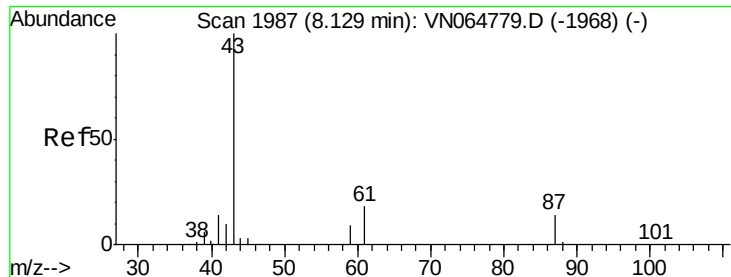
Tot Ion:114 Resp: 316777
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 53.171 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064995.D
Acq: 9 Dec 2020 2:39

Tgt Ion:113 Resp: 100786
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 20.3 16.2 24.2





#43

Isopropyl Acetate

Concen: 4.094 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064995.D

Acq: 9 Dec 2020 2:39

Instrument :

MSVOA_N

ClientSampleId :

4S2-A-BOTTOM

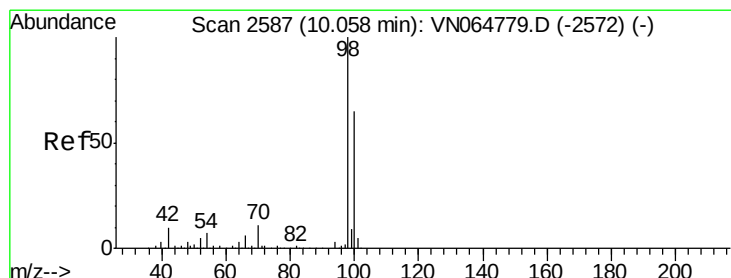
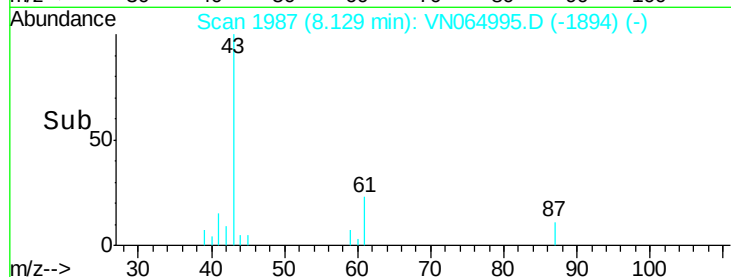
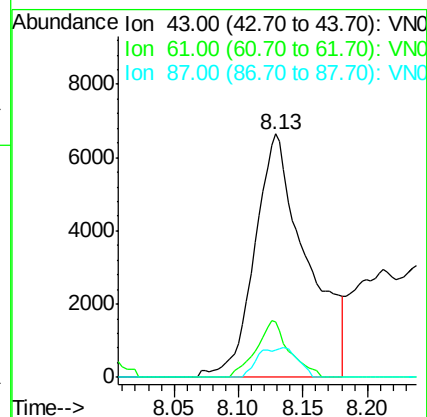
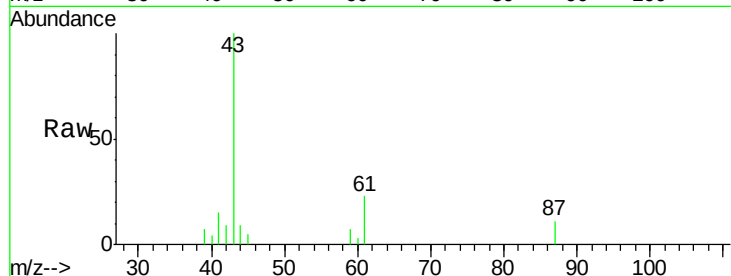
Tot Ion: 43 Resp: 18632

Ion Ratio Lower Upper

43 100

61 15.0 17.2 25.8#

87 3.8 11.4 17.0#



#50

Toluene-d8

Concen: 51.438 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064995.D

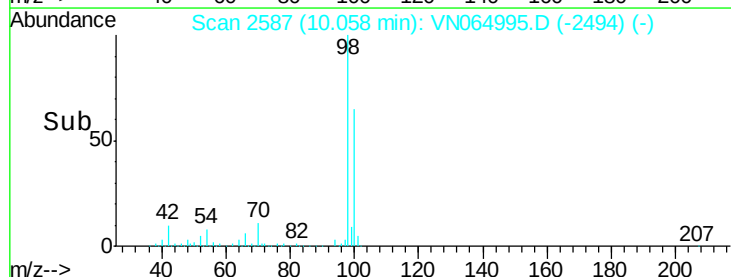
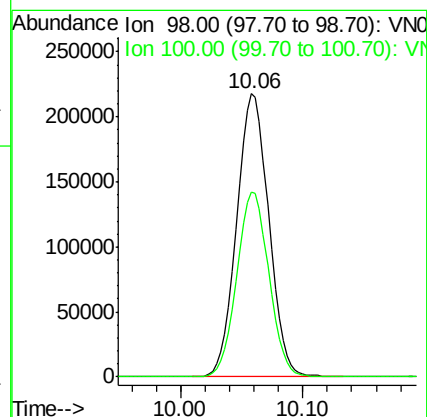
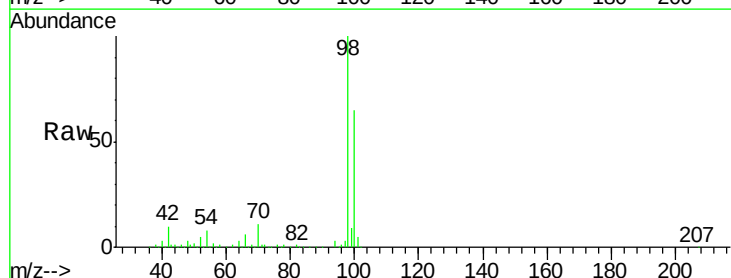
Acq: 9 Dec 2020 2:39

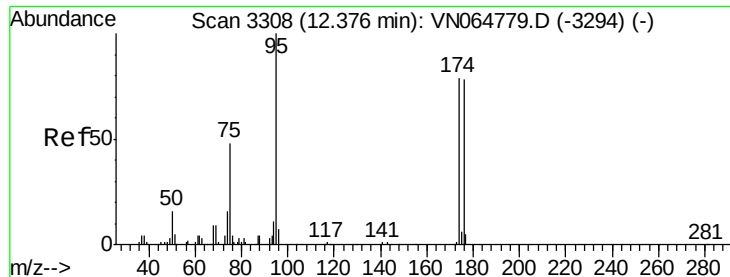
Tgt Ion: 98 Resp: 398377

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 54.235 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064995.D

Acq: 9 Dec 2020 2:39

Instrument :

MSVOA_N

ClientSampleId :

4S2-A-BOTTOM

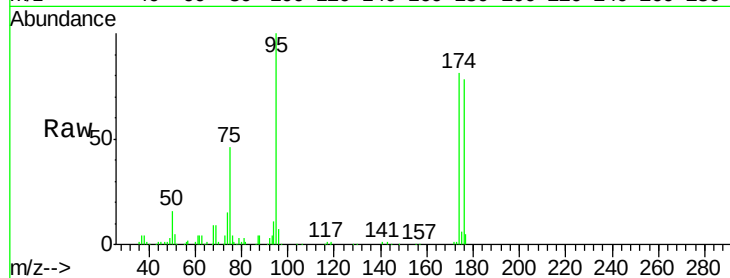
Tot Ion: 95 Resp: 150325

Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

176 79.1 0.0 158.4

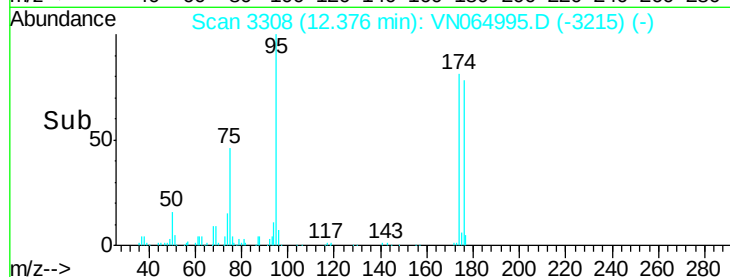


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

Time-->



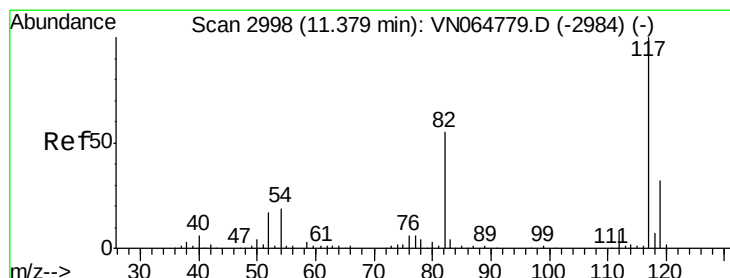
Abundance

Ion 94.90 (94.60 to 95.60): VN064995.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064995.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064995.D (-3215) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064995.D

Acq: 9 Dec 2020 2:39

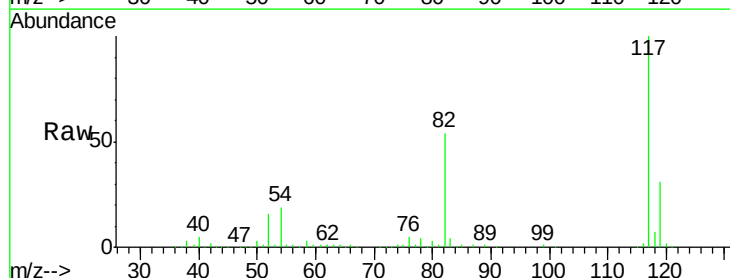
Tgt Ion: 117 Resp: 335286

Ion Ratio Lower Upper

117 100

82 54.2 44.2 66.2

119 30.7 25.8 38.6

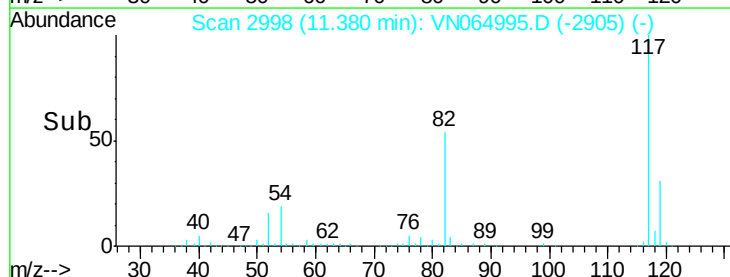


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)

Time-->



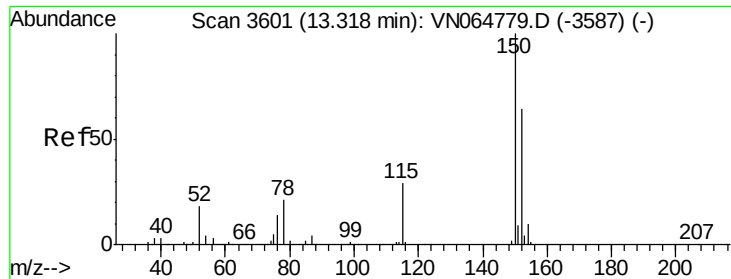
Abundance

Ion 116.90 (116.60 to 117.60): VN064995.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064995.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064995.D (-2905) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064995.D

Acq: 9 Dec 2020 2:39

Instrument :

MSVOA_N

ClientSampleId :

4S2-A-BOTTOM

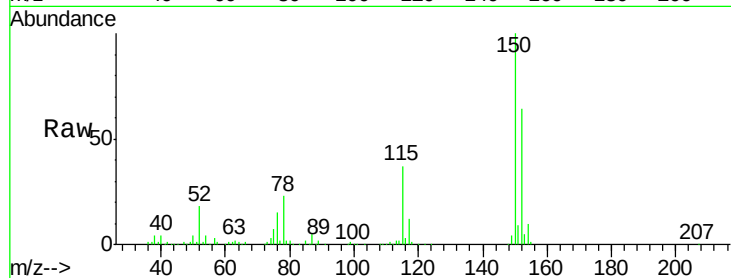
Tot Ion:152 Resp: 138879

Ion Ratio Lower Upper

152 100

115 57.7 29.7 89.1

150 157.2 0.0 350.6



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

