

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064998.D
 Acq On : 9 Dec 2020 3:51
 Operator : JC/MD
 Sample : L4970-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-C-TOP

Quant Time: Dec 09 08:25:01 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	7.62	168	161888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	329525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141233	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	105296	55.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.90%	
35) Dibromofluoromethane		7.55	113	97505	52.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.64%	
50) Toluene-d8		10.06	98	394368	51.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.58%	
62) 4-Bromofluorobenzene		12.38	95	146763	53.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.70%	

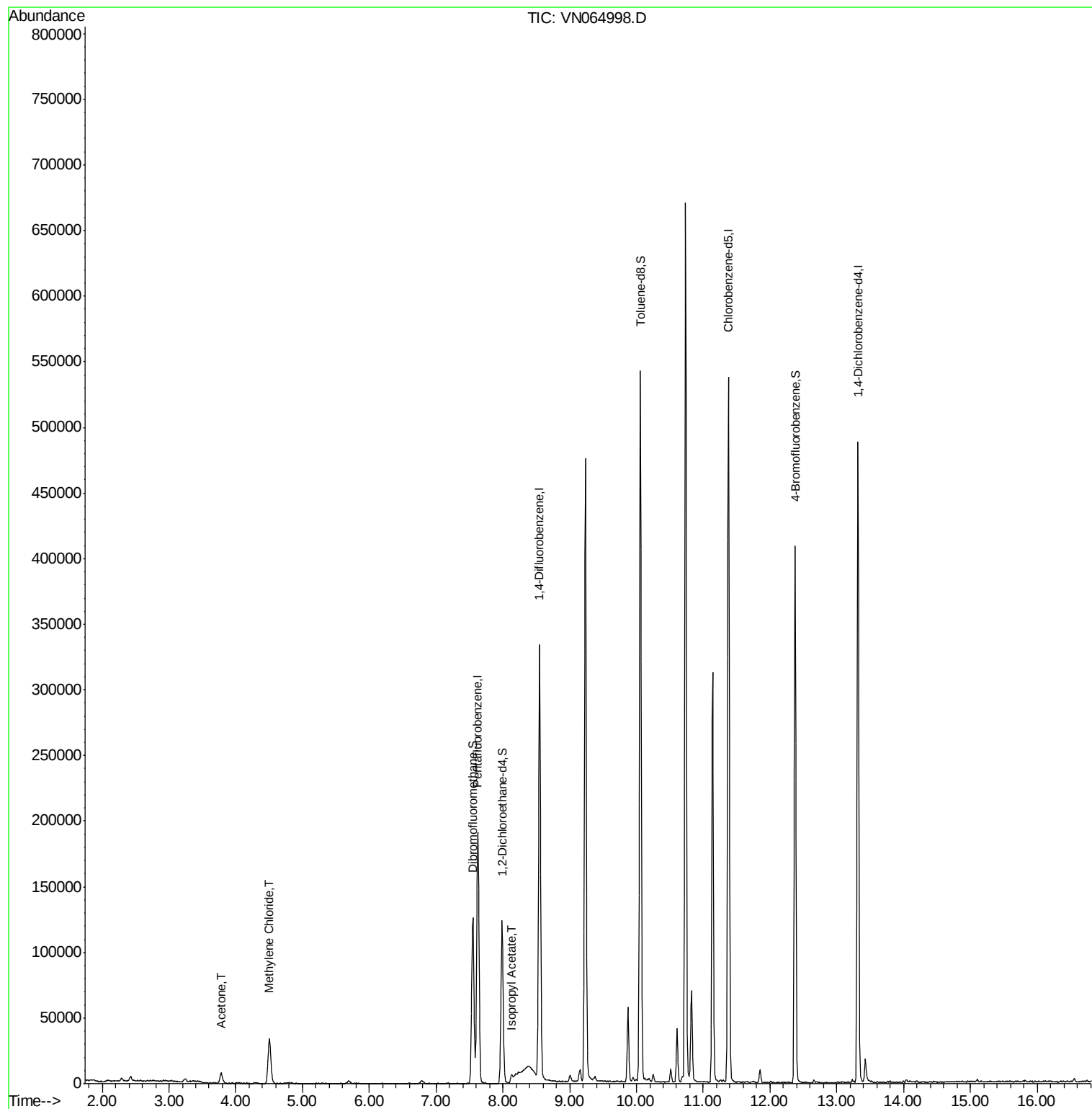
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	14234	23.007	ug/l	100
20) Methylene Chloride	4.50	84	26939	13.895	ug/l	95
43) Isopropyl Acetate	8.13	43	9491	2.121	ug/l #	87

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064998.D

Acq: 9 Dec 2020 3:51

Instrument :

MSVOA_N

ClientSampleId :

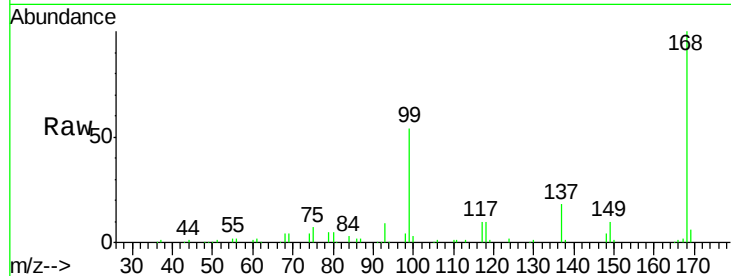
4S2-C-TOP

Tot Ion:168 Resp: 161888

Ion Ratio Lower Upper

168 100

99 53.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

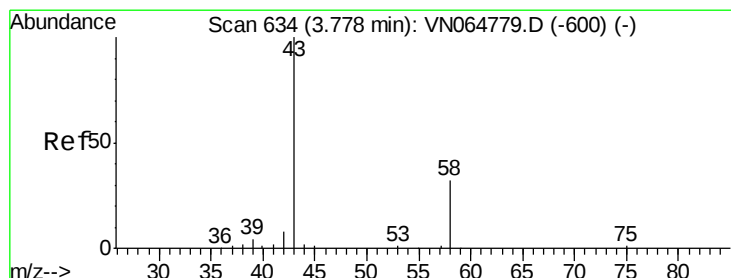
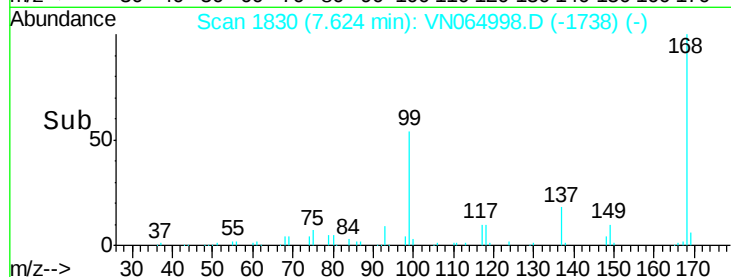
40000

20000

0

Time-->

7.50 7.60 7.70



#16

Acetone

Concen: 23.007 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064998.D

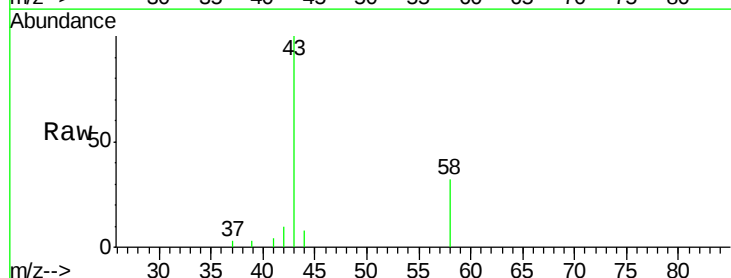
Acq: 9 Dec 2020 3:51

Tgt Ion: 43 Resp: 14234

Ion Ratio Lower Upper

43 100

58 31.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

6000

5000

4000

3000

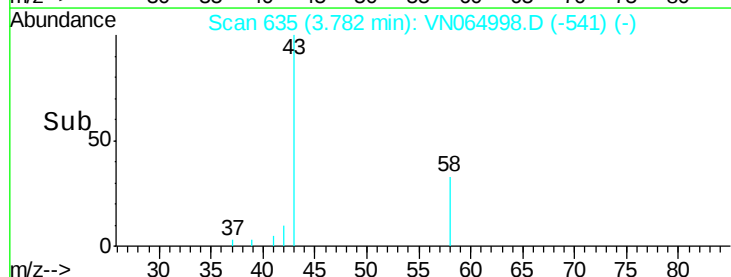
2000

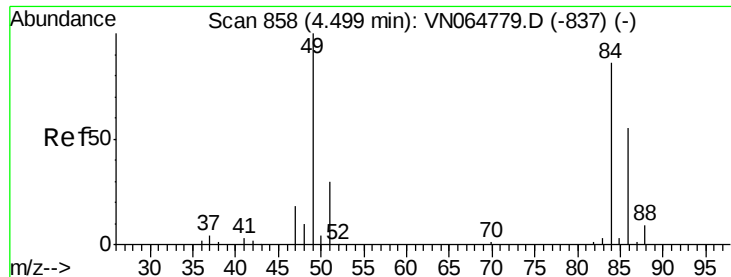
1000

0

Time-->

3.70 3.75 3.80 3.85

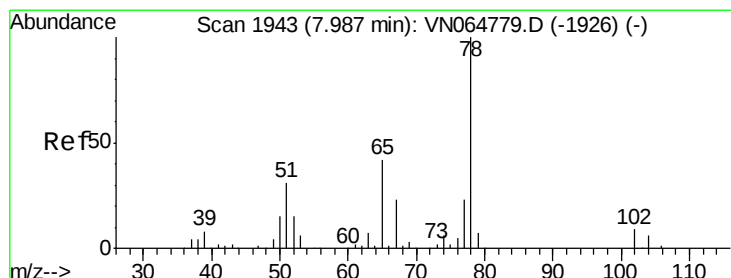
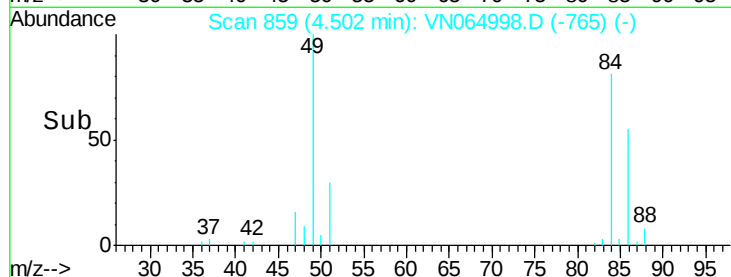
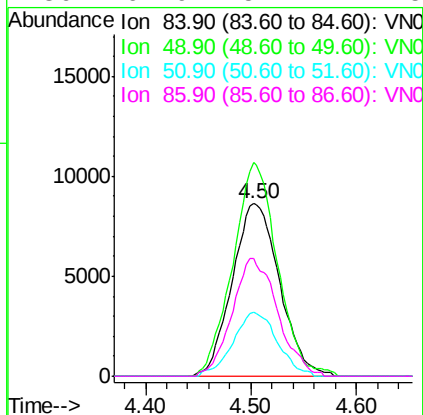
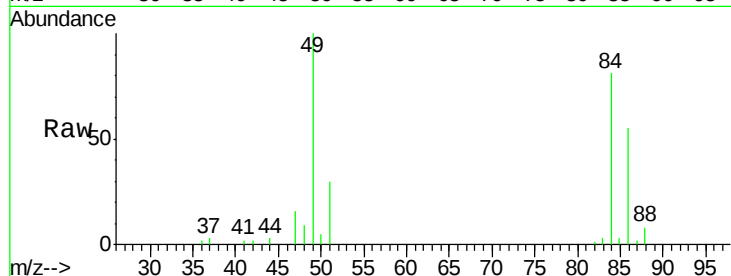




#20
Methylene Chloride
Concen: 13.895 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064998.D
Acq: 9 Dec 2020 3:51

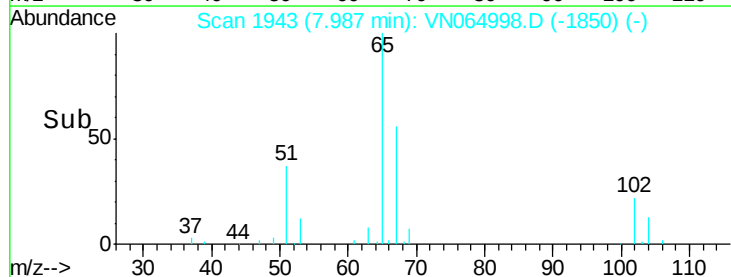
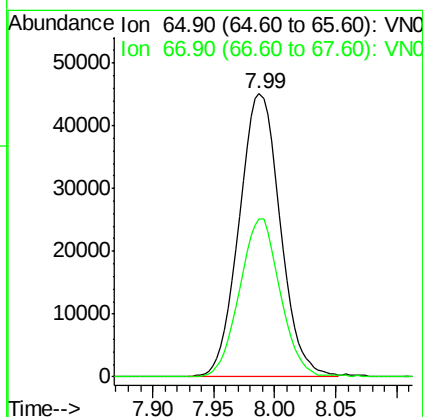
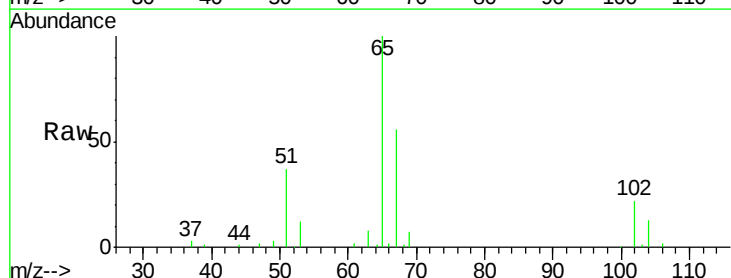
Instrument :
MSVOA_N
ClientSampled :
4S2-C-TOP

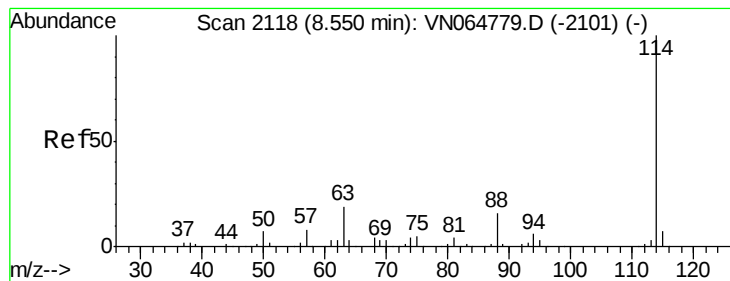
Tot Ion: 84 Resp: 26939
Ion Ratio Lower Upper
84 100
49 123.7 93.4 140.0
51 37.3 28.2 42.4
86 67.9 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.947 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064998.D
Acq: 9 Dec 2020 3:51

Tgt Ion: 65 Resp: 105296
Ion Ratio Lower Upper
65 100
67 55.1 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: VN064998.D

Acq: 9 Dec 2020 3:51

Instrument :

MSVOA_N

ClientSampleId :

4S2-C-TOP

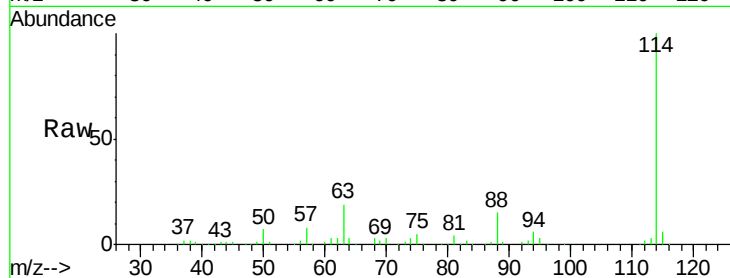
Tot Ion:114 Resp: 311476

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

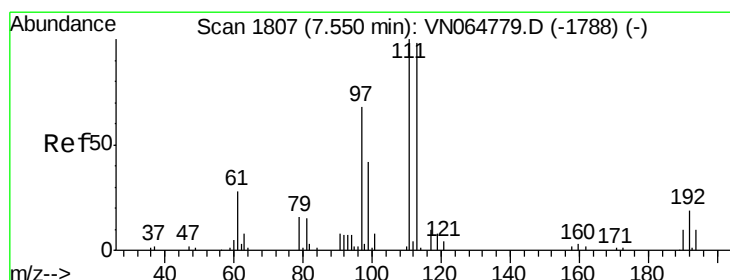
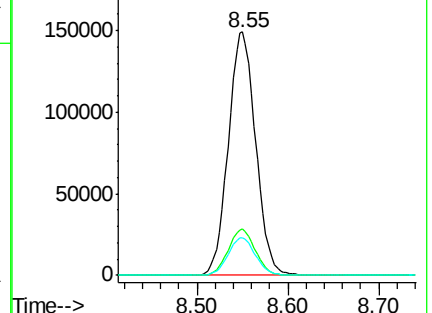
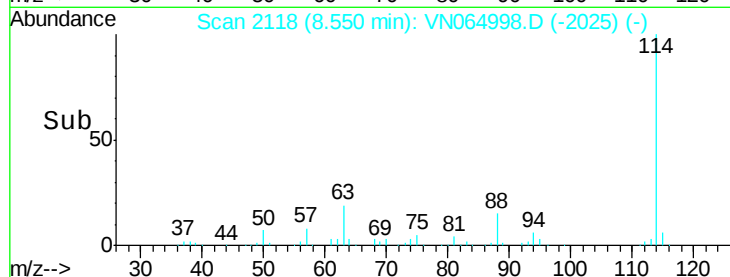
88 15.5 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 52.316 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064998.D

Acq: 9 Dec 2020 3:51

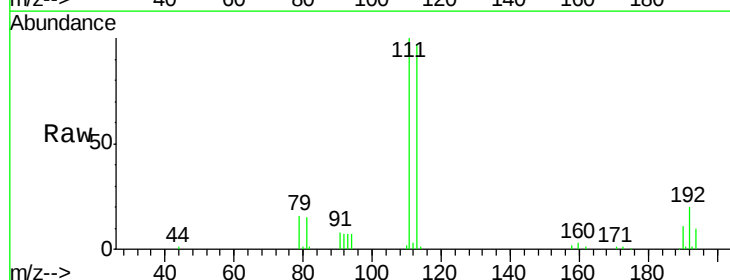
Tgt Ion:113 Resp: 97505

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

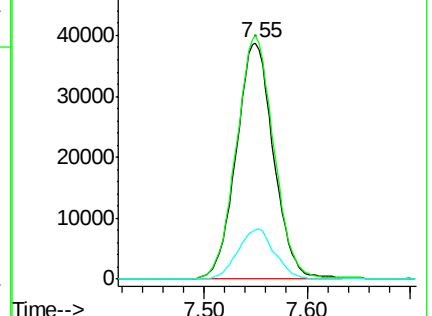
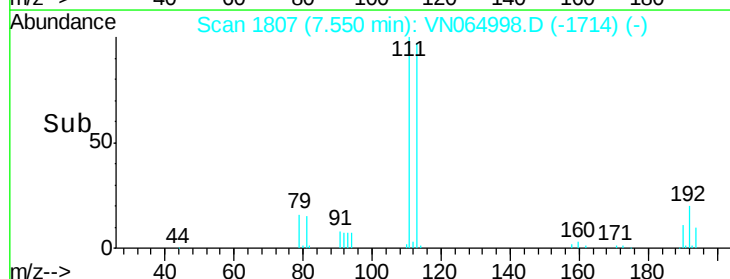
192 20.8 16.2 24.2

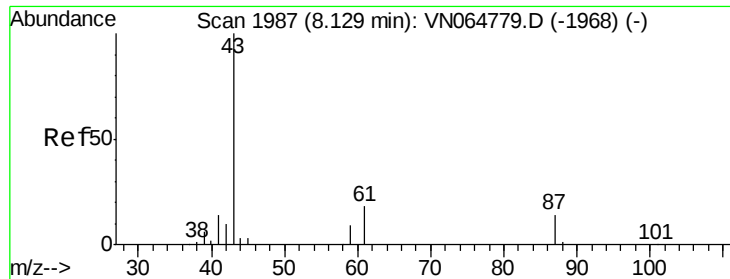


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.121 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064998.D

Acq: 9 Dec 2020 3:51

Instrument :

MSVOA_N

ClientSampleId :

4S2-C-TOP

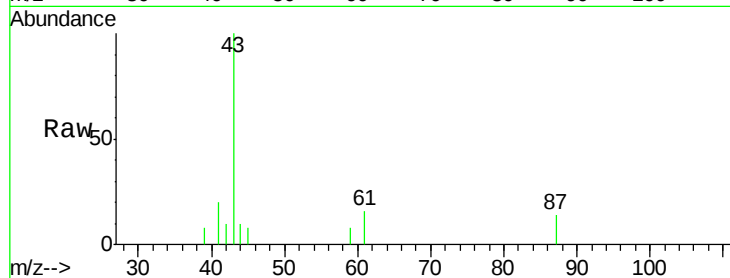
Tot Ion: 43 Resp: 9491

Ion Ratio Lower Upper

43 100

61 15.0 17.2 25.8#

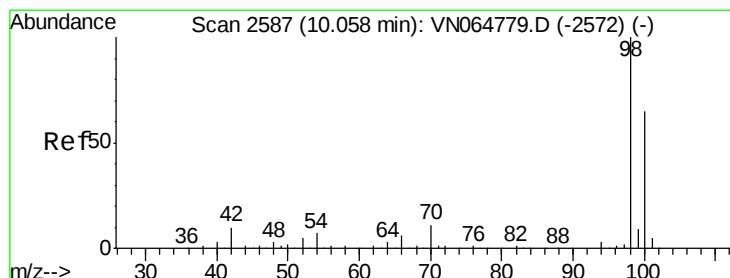
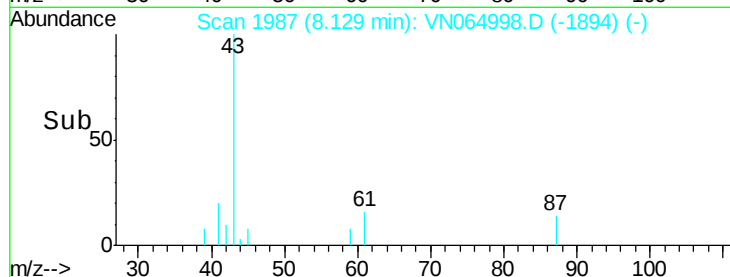
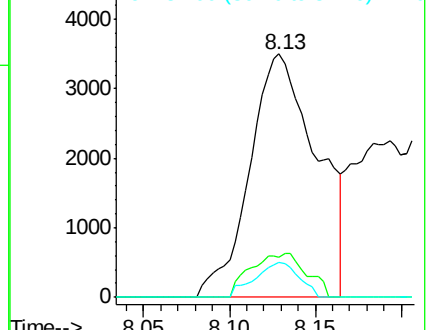
87 9.4 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064998.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064998.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064998.D (-1968) (-)



#50

Toluene-d8

Concen: 51.787 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064998.D

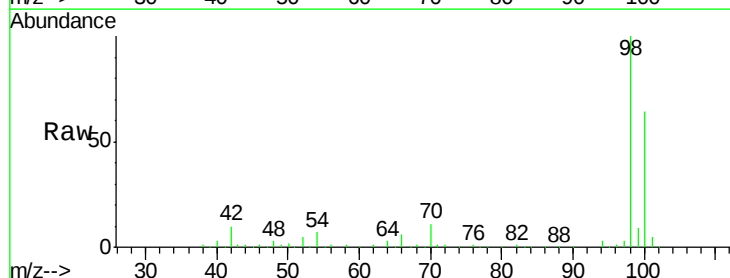
Acq: 9 Dec 2020 3:51

Tgt Ion: 98 Resp: 394368

Ion Ratio Lower Upper

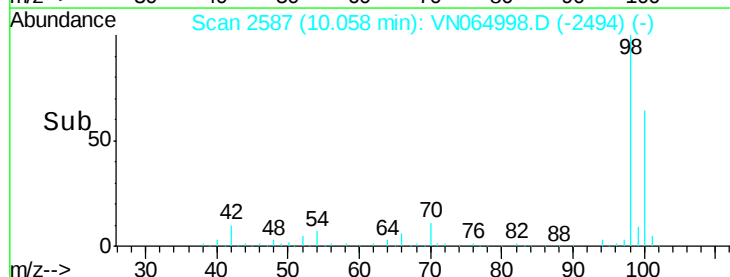
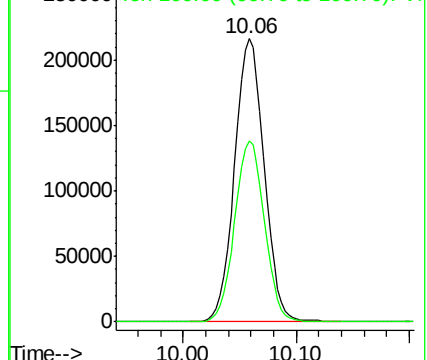
98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064998.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064998.D (-2572) (-)

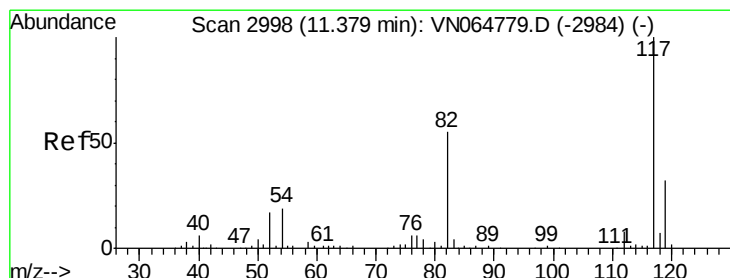
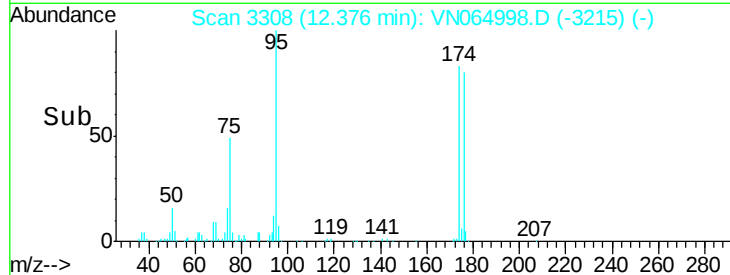
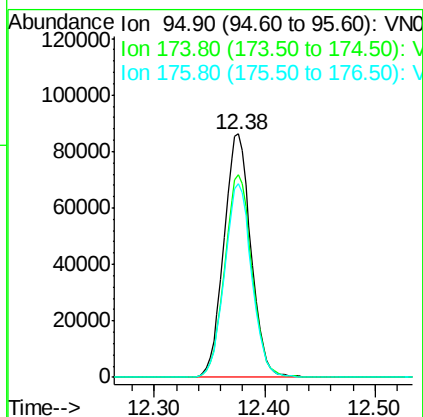
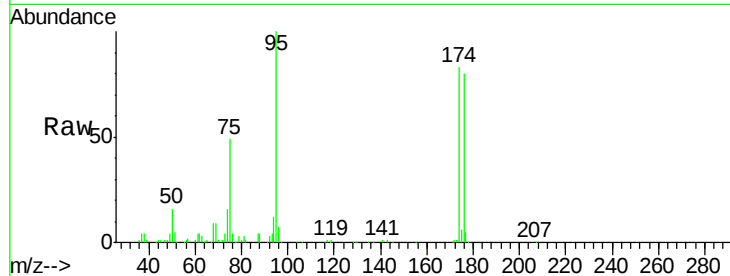




#62
4-Bromofluorobenzene
Concen: 53.851 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064998.D
Acq: 9 Dec 2020 3:51

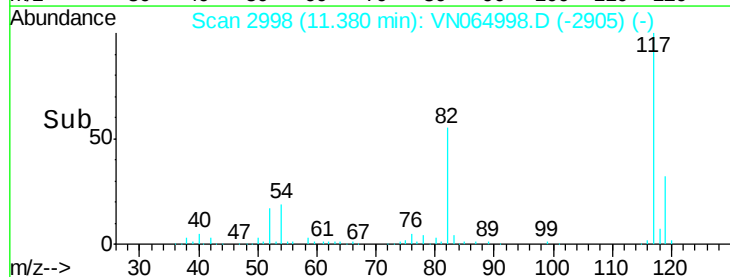
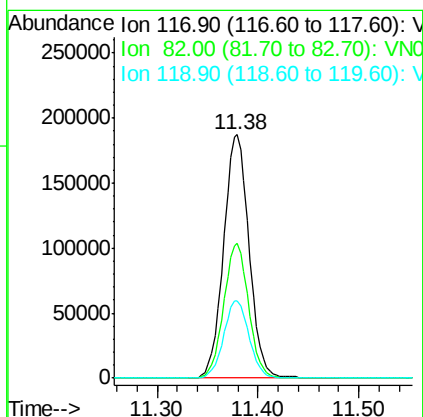
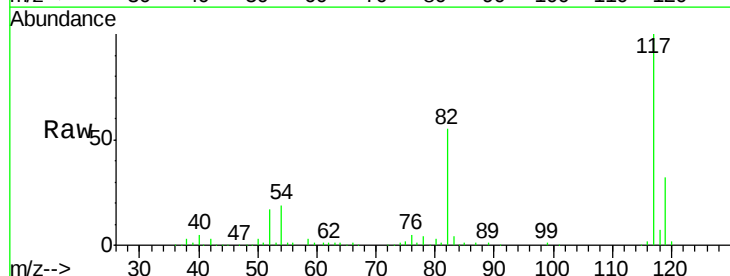
Instrument :
MSVOA_N
ClientSampleId :
4S2-C-TOP

Tot Ion: 95 Resp: 146763
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.4
176 79.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064998.D
Acq: 9 Dec 2020 3:51

Tgt Ion: 117 Resp: 329525
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064998.D

Acq: 9 Dec 2020 3:51

Instrument :

MSVOA_N

ClientSampleId :

4S2-C-TOP

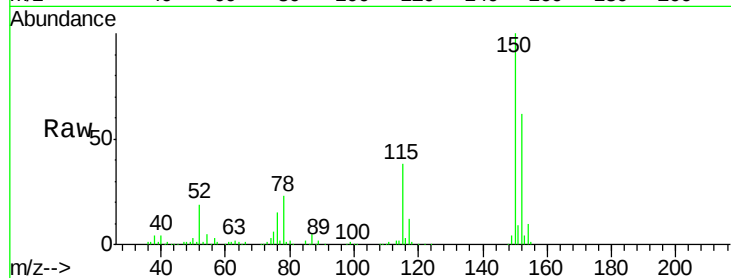
Tot Ion:152 Resp: 141233

Ion Ratio Lower Upper

152 100

115 59.6 29.7 89.1

150 157.4 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

