

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065006.D
 Acq On : 9 Dec 2020 7:04
 Operator : JC/MD
 Sample : L4970-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-C-TOP

Quant Time: Dec 09 08:37:25 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	165527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138054	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106955	55.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	111.16%	
35) Dibromofluoromethane	7.55	113	98297	51.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	102.32%	
50) Toluene-d8	10.06	98	402762	51.30	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.38	95	147497	52.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	105.00%	

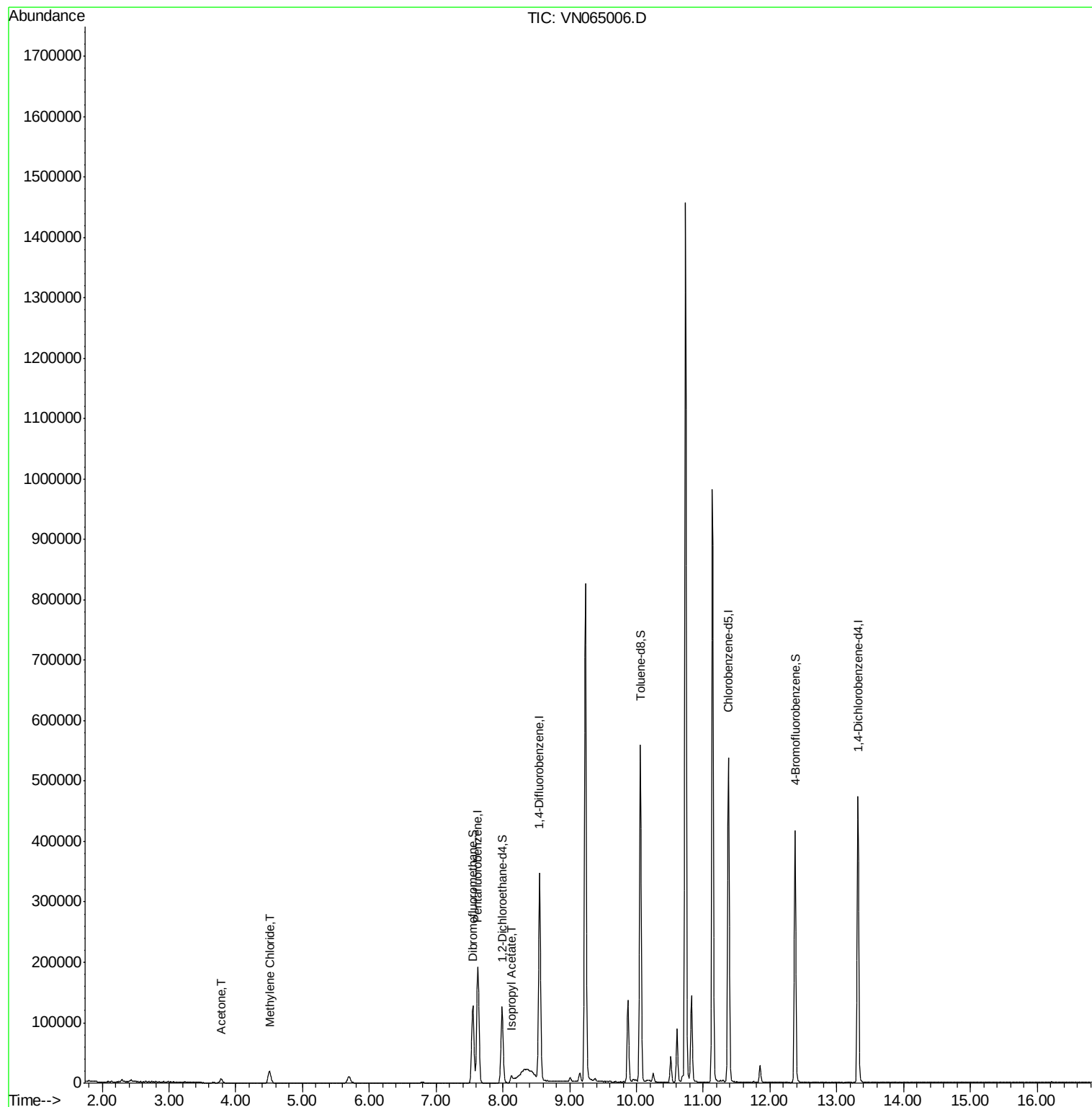
Target Compounds					Qvalue
16) Acetone	3.78	43	12445	19.673 ug/l	96
20) Methylene Chloride	4.50	84	15769	7.955 ug/l	98
43) Isopropyl Acetate	8.13	43	19026	4.124 ug/l #	78

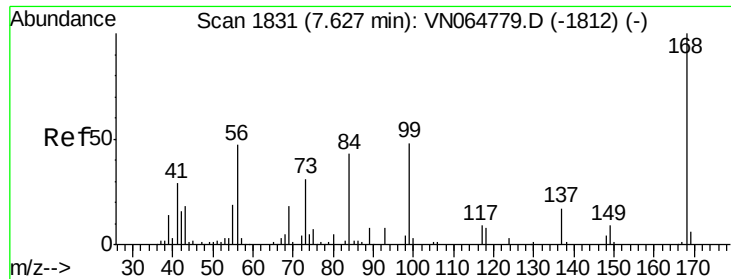
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN065006.D

Acq: 9 Dec 2020 7:04

Instrument :

MSVOA_N

ClientSampled :

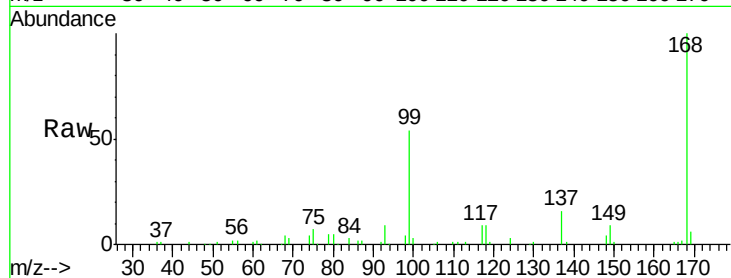
4S1-C-TOP

Tot Ion:168 Resp: 165527

Ion Ratio Lower Upper

168 100

99 54.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.62

60000

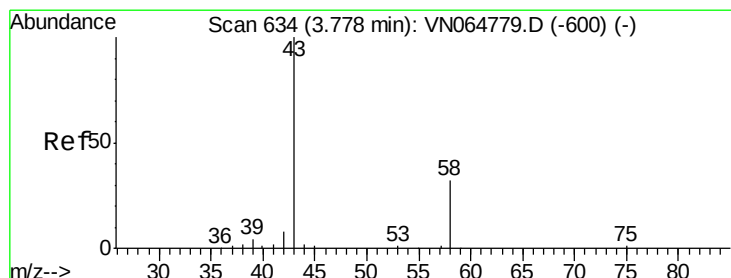
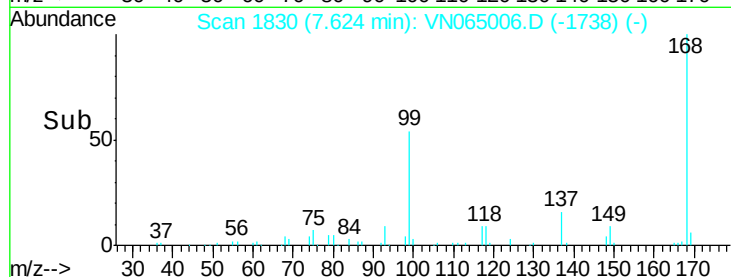
40000

20000

0

7.50 7.60 7.70

Time-->



#16

Acetone

Concen: 19.673 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN065006.D

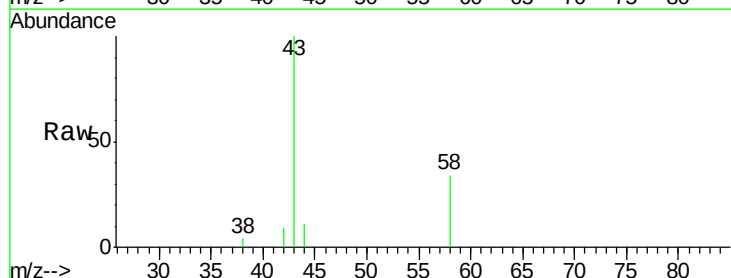
Acq: 9 Dec 2020 7:04

Tgt Ion: 43 Resp: 12445

Ion Ratio Lower Upper

43 100

58 34.4 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

3.78

5000

4000

3000

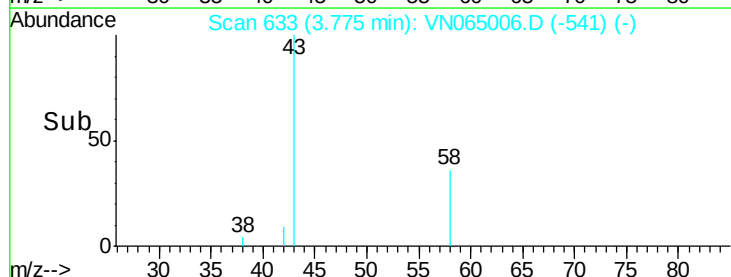
2000

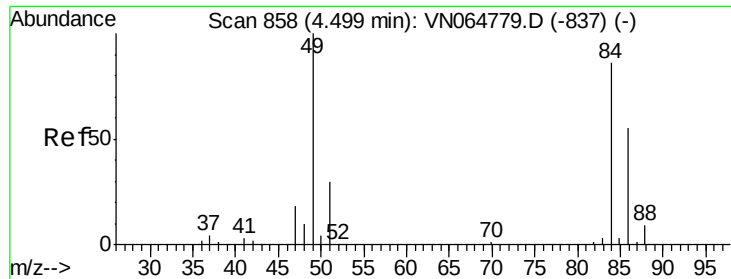
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

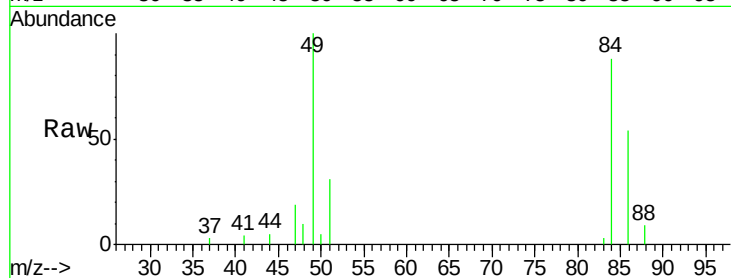




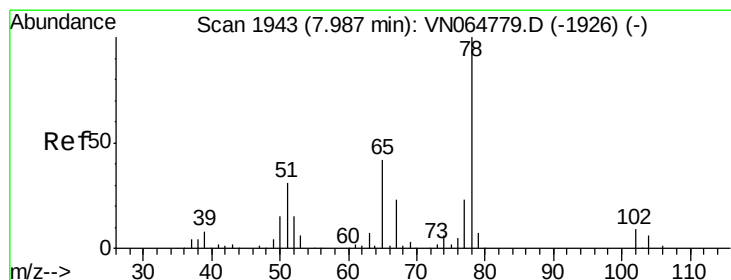
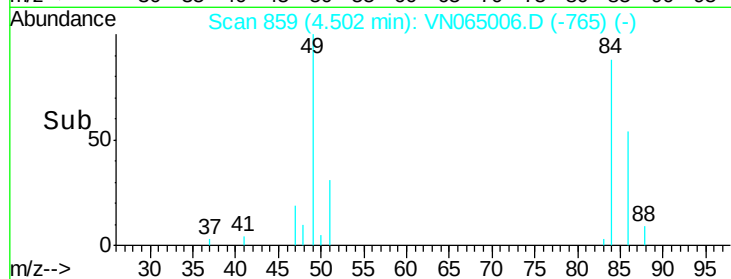
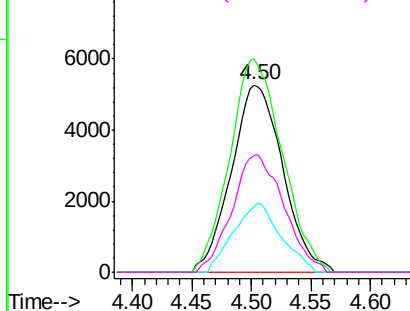
#20
Methylene Chloride
Concen: 7.955 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065006.D
Acq: 9 Dec 2020 7:04

Instrument :
MSVOA_N
ClientSampleId :
4S1-C-TOP

Tot Ion: 84 Resp: 15769
Ion Ratio Lower Upper
84 100
49 114.1 93.4 140.0
51 35.0 28.2 42.4
86 62.1 51.7 77.5

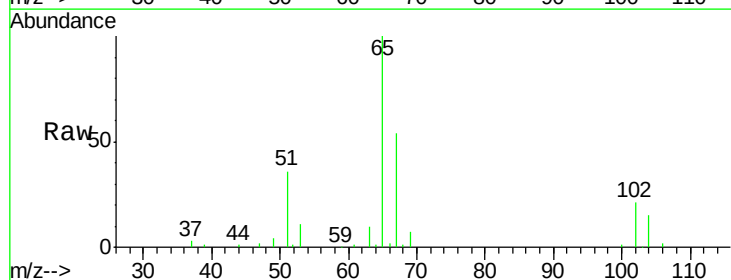


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

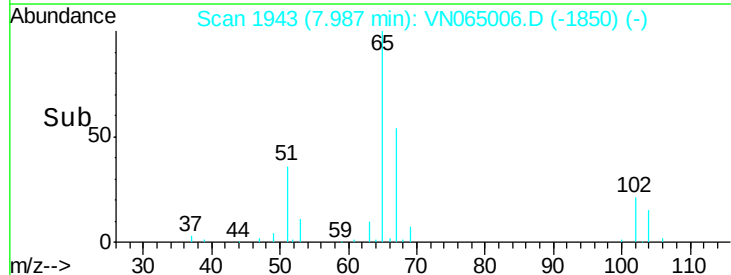
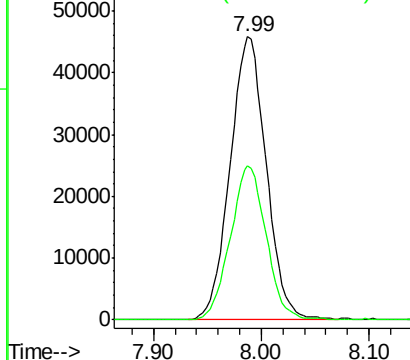


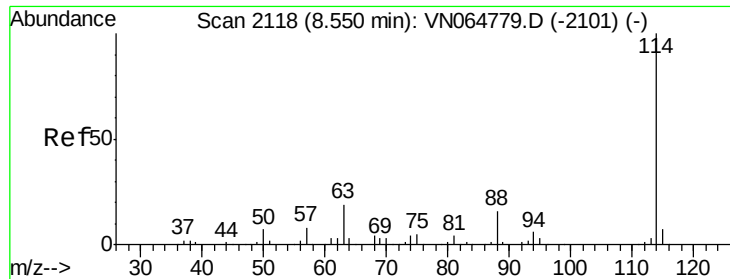
#33
1,2-Dichloroethane-d4
Concen: 55.579 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065006.D
Acq: 9 Dec 2020 7:04

Tgt Ion: 65 Resp: 106955
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

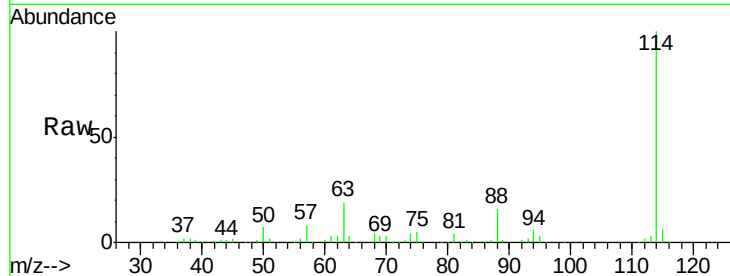




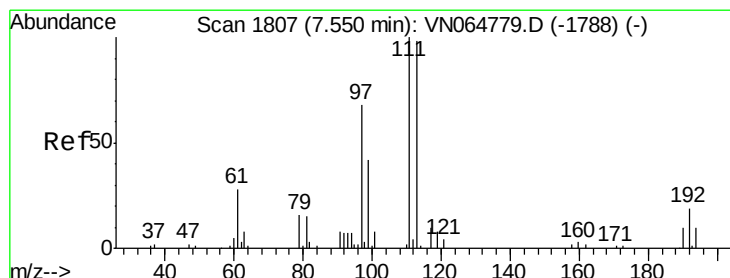
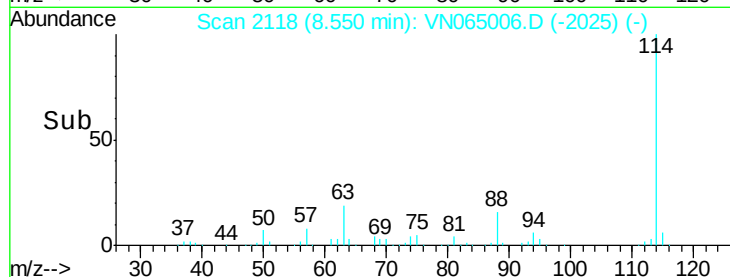
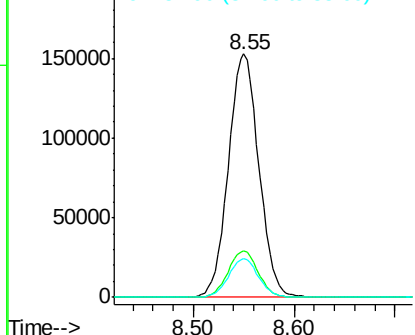
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065006.D
Acq: 9 Dec 2020 7:04

Instrument :
MSVOA_N
ClientSampleId :
4S1-C-TOP

Tot Ion:114 Resp: 321119
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.6
88 15.7 0.0 32.6

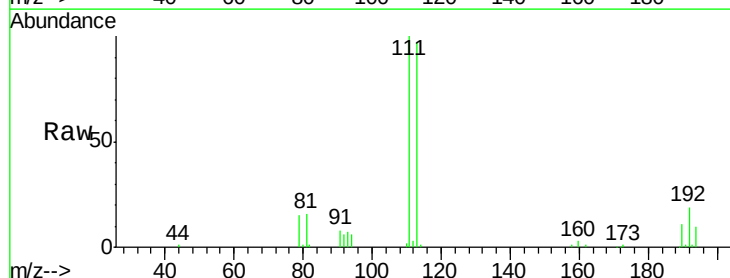


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

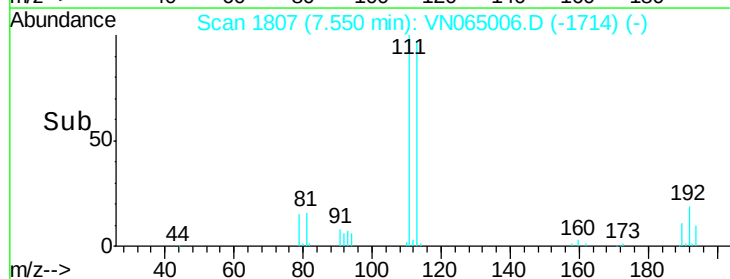
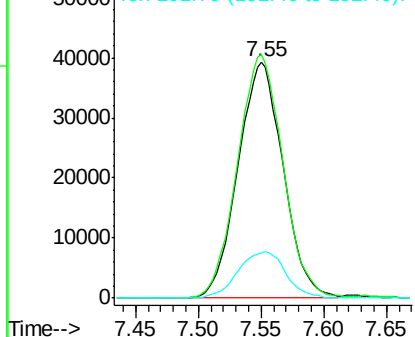


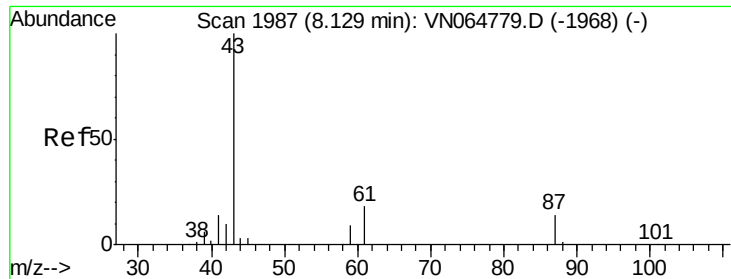
#35
Dibromofluoromethane
Concen: 51.157 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065006.D
Acq: 9 Dec 2020 7:04

Tgt Ion:113 Resp: 98297
Ion Ratio Lower Upper
113 100
111 104.0 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: 4.124 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065006.D

Acq: 9 Dec 2020 7:04

Instrument :

MSVOA_N

ClientSampleId :

4S1-C-TOP

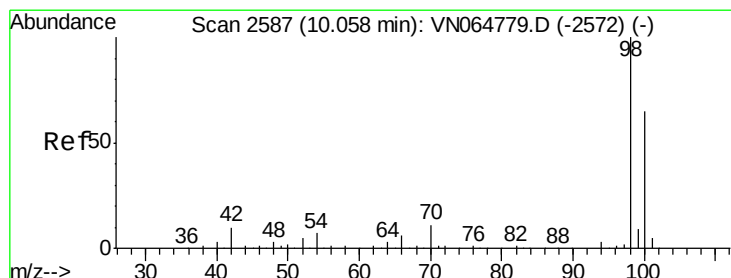
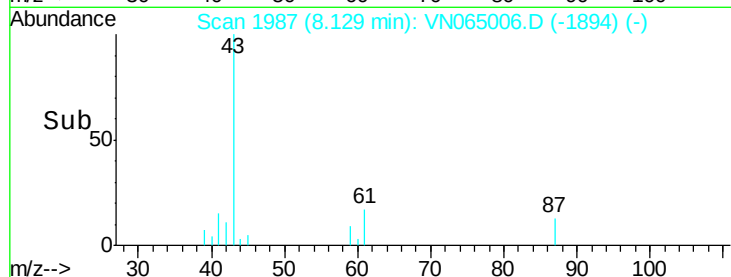
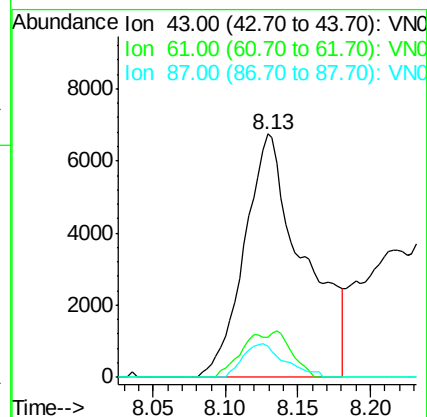
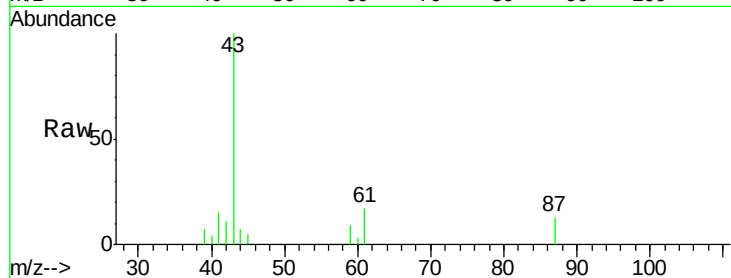
Tot Ion: 43 Resp: 19026

Ion Ratio Lower Upper

43 100

61 7.3 17.2 25.8#

87 9.8 11.4 17.0#



#50

Toluene-d8

Concen: 51.301 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065006.D

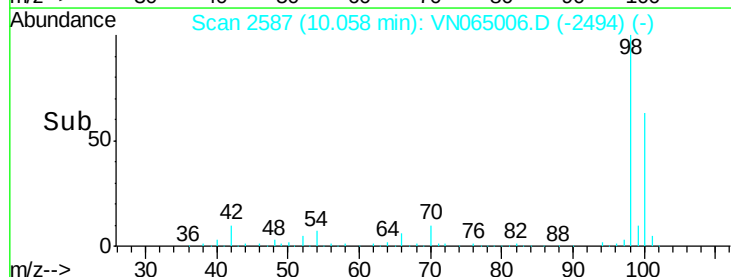
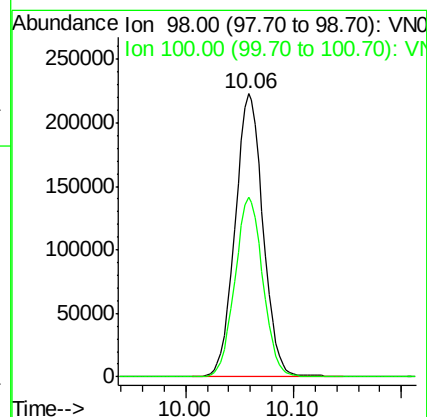
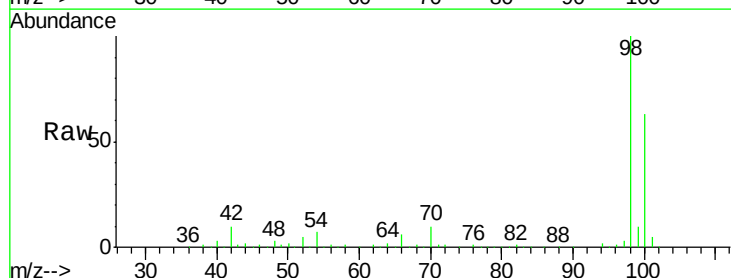
Acq: 9 Dec 2020 7:04

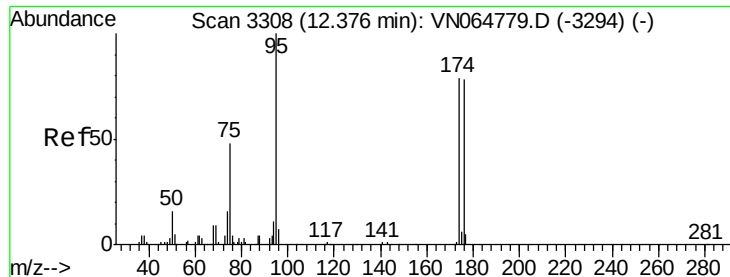
Tgt Ion: 98 Resp: 402762

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5

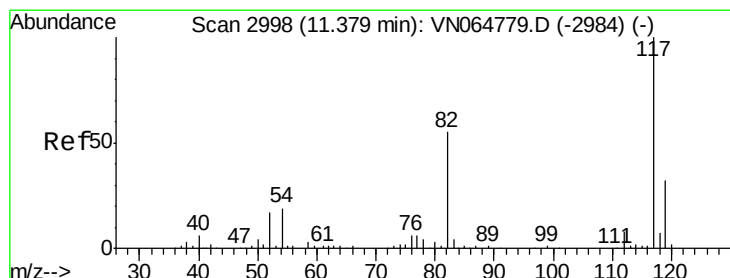
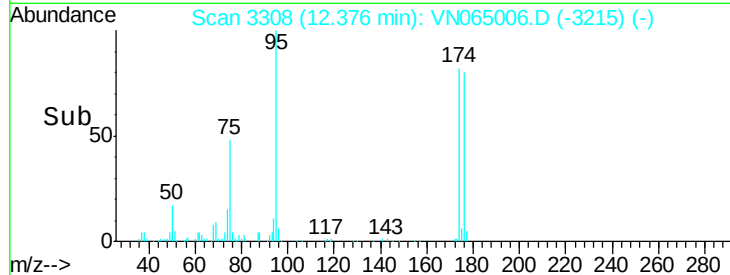
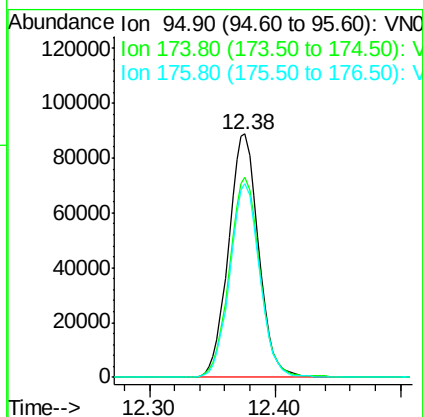
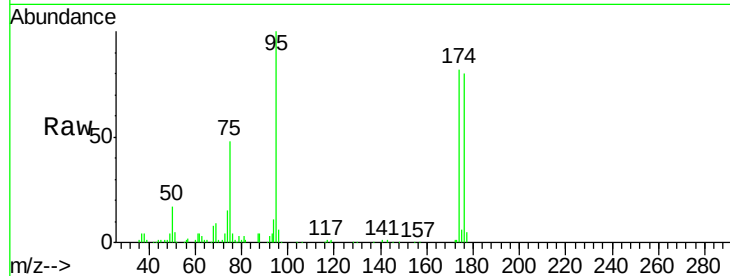




#62
4-Bromofluorobenzene
Concen: 52.495 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065006.D
Acq: 9 Dec 2020 7:04

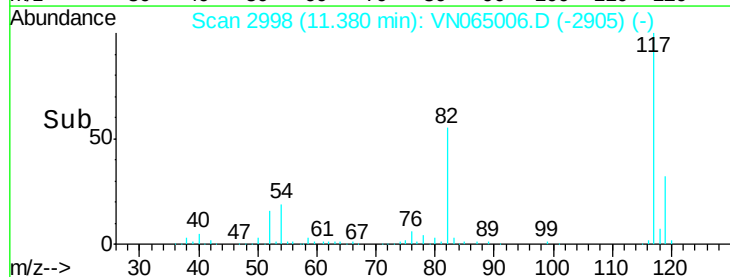
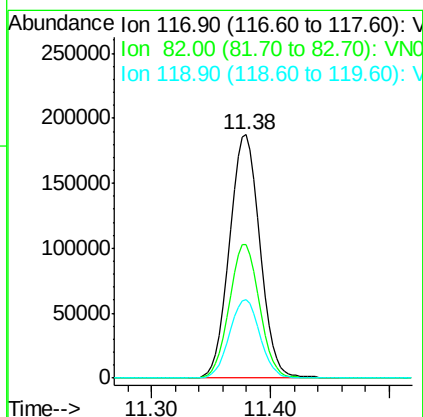
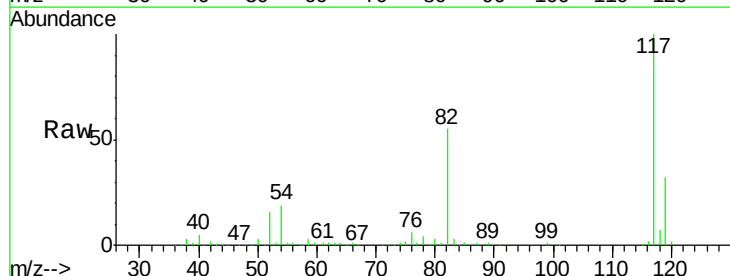
Instrument :
MSVOA_N
ClientSampleId :
4S1-C-TOP

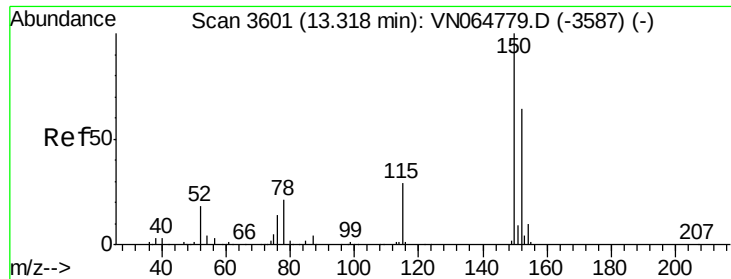
Tot Ion: 95 Resp: 147497
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.4
176 79.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065006.D
Acq: 9 Dec 2020 7:04

Tgt Ion: 117 Resp: 333430
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065006.D

Acq: 9 Dec 2020 7:04

Instrument :

MSVOA_N

ClientSampleId :

4S1-C-TOP

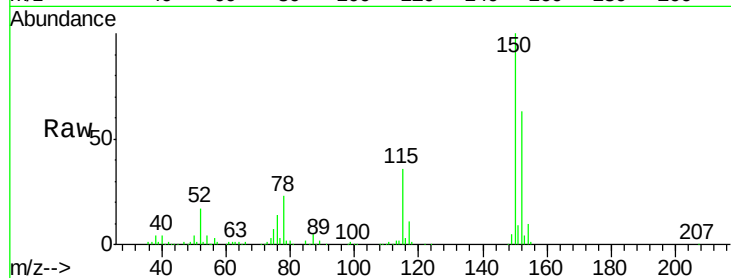
Tot Ion:152 Resp: 138054

Ion Ratio Lower Upper

152 100

115 57.9 29.7 89.1

150 157.9 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

