

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065002.D
 Acq On : 9 Dec 2020 5:27
 Operator : JC/MD
 Sample : L4970-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-A-TOP

Quant Time: Dec 09 08:31:13 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	161972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	327405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104575	55.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	111.08%	
35) Dibromofluoromethane	7.55	113	97216	52.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	105.06%	
50) Toluene-d8	10.06	98	390527	51.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.38	95	144827	53.52	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	107.04%	

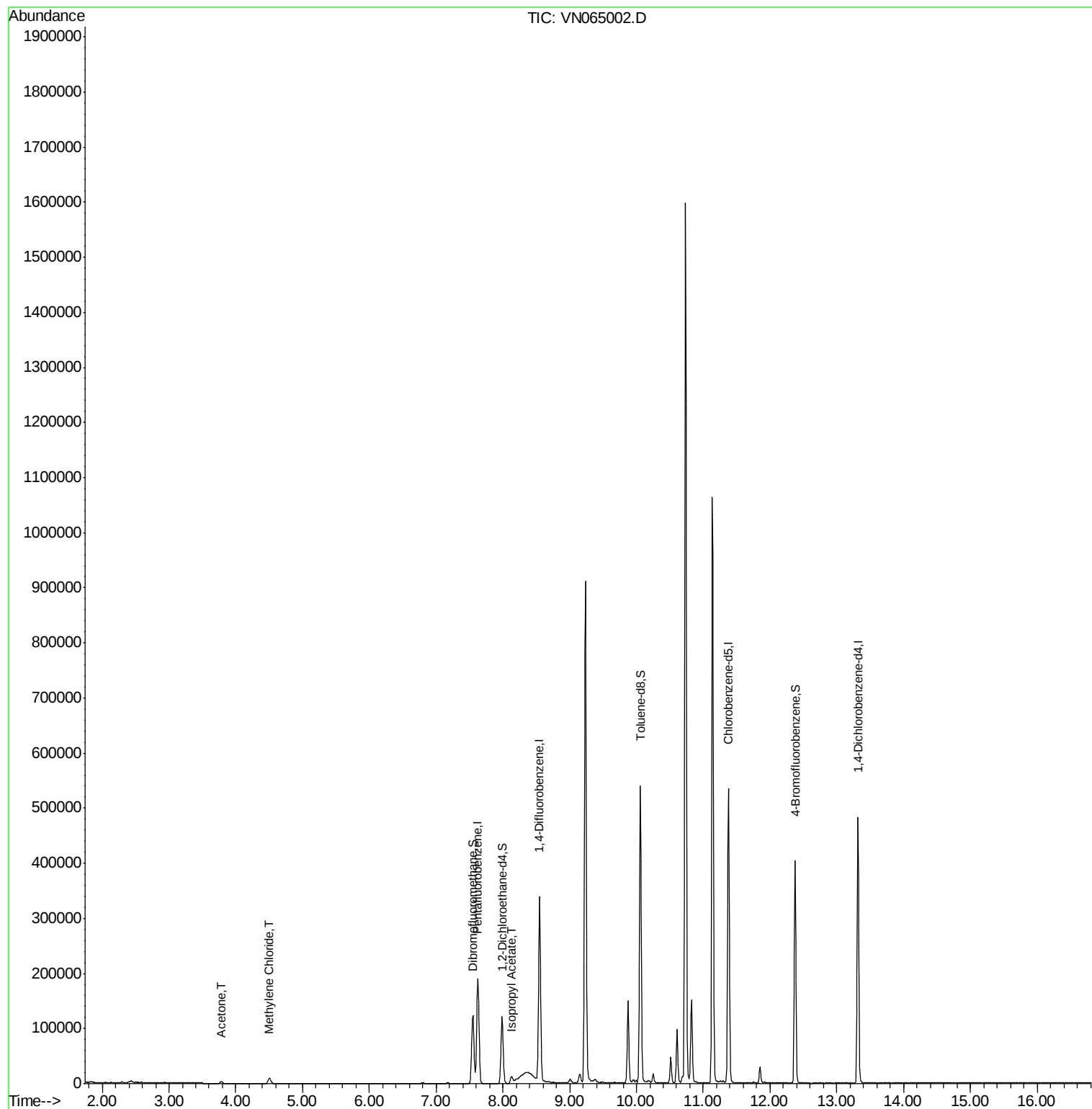
Target Compounds					Qvalue
16) Acetone	3.78	43	6140	9.919 ug/l	92
20) Methylene Chloride	4.50	84	7631	3.934 ug/l	92
43) Isopropyl Acetate	8.13	43	16576	3.730 ug/l	95

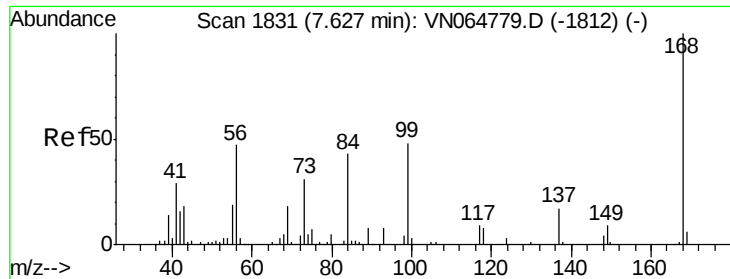
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN065002.D

Acq: 9 Dec 2020 5:27

Instrument :

MSVOA_N

ClientSampleId :

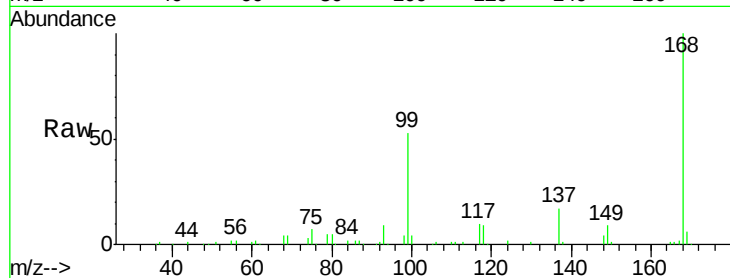
4S1-A-TOP

Tot Ion:168 Resp: 161972

Ion Ratio Lower Upper

168 100

99 52.9 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

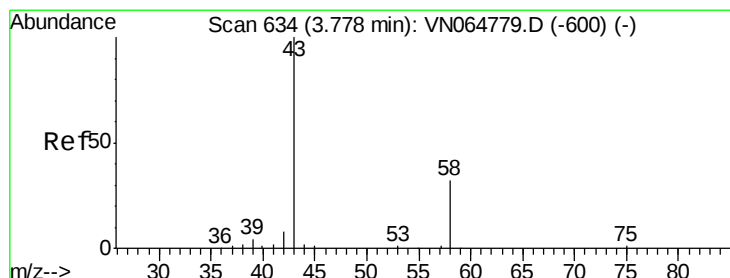
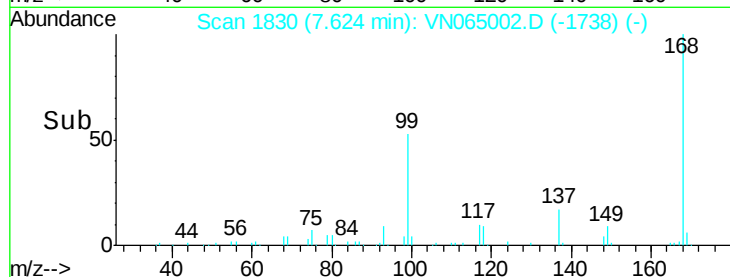
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.919 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065002.D

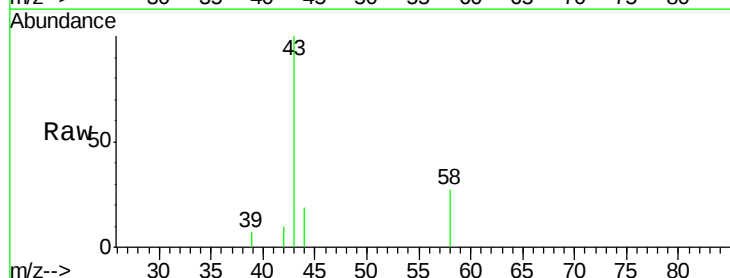
Acq: 9 Dec 2020 5:27

Tgt Ion: 43 Resp: 6140

Ion Ratio Lower Upper

43 100

58 27.4 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

2500

2000

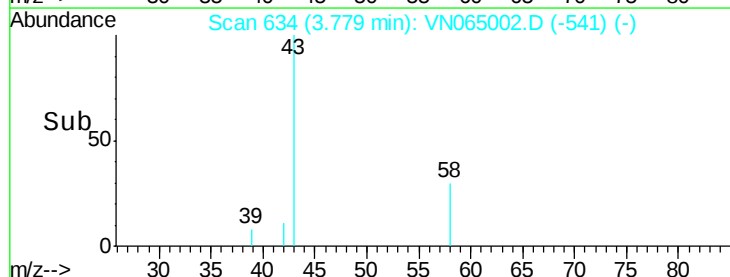
1500

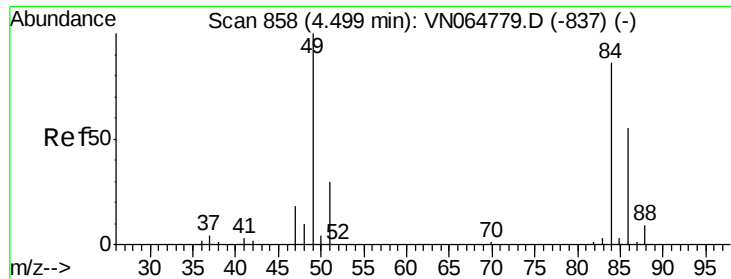
1000

500

0

Time--> 3.70 3.75 3.80 3.85

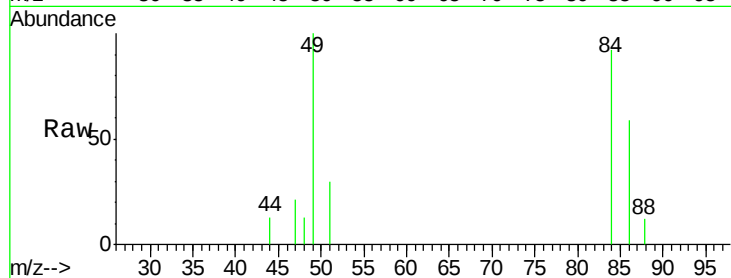




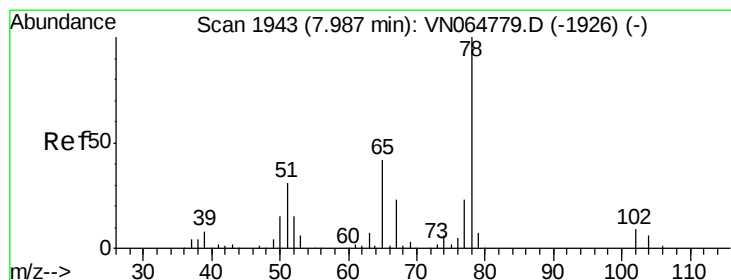
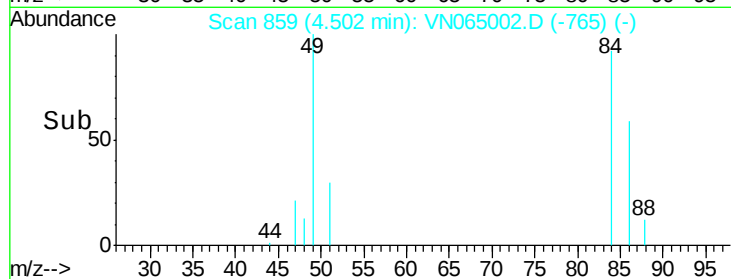
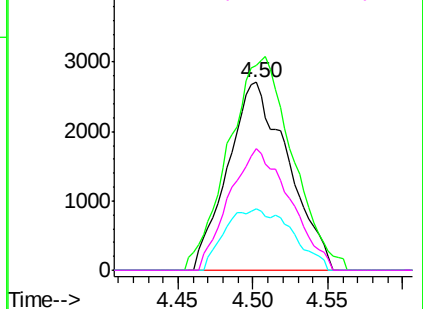
#20
Methvlene Chloride
Concen: 3.934 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065002.D
Acq: 9 Dec 2020 5:27

Instrument :
MSVOA_N
ClientSampleId :
4S1-A-TOP

Tot Ion:	84	Resp:	7631
Ion	Ratio	Lower	Upper
84	100		
49	102.7	93.4	140.0
51	33.0	28.2	42.4
86	64.8	51.7	77.5

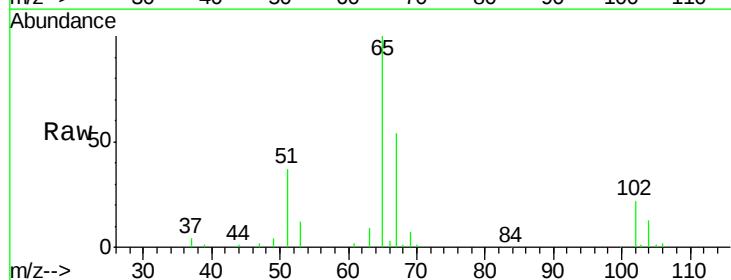


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

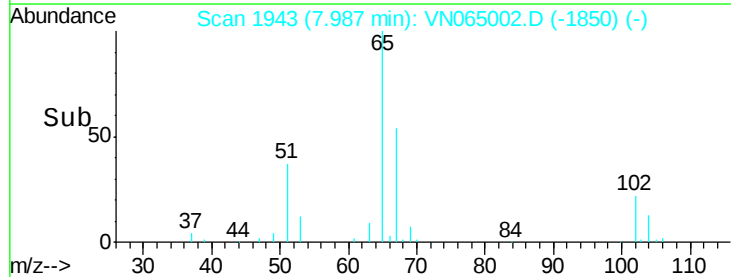
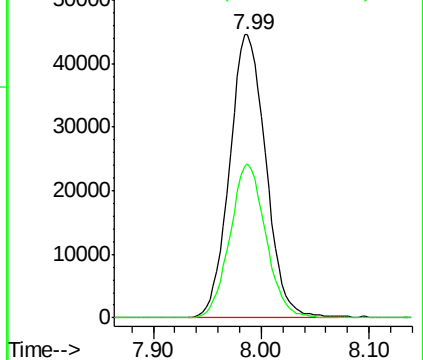


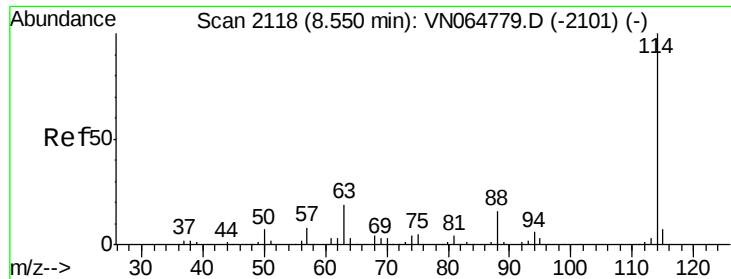
#33
1,2-Dichloroethane-d4
Concen: 55.535 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065002.D
Acq: 9 Dec 2020 5:27

Tgt Ion:	65	Resp:	104575
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.2



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

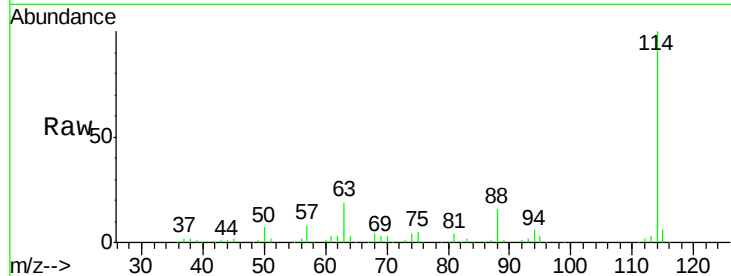




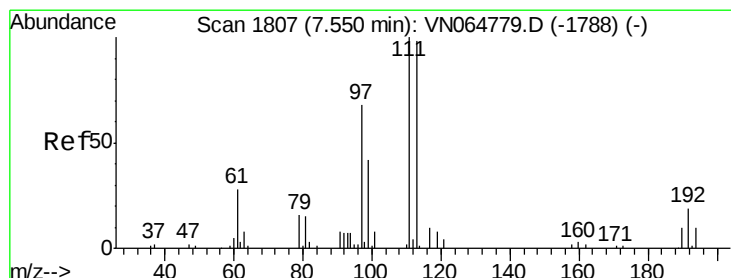
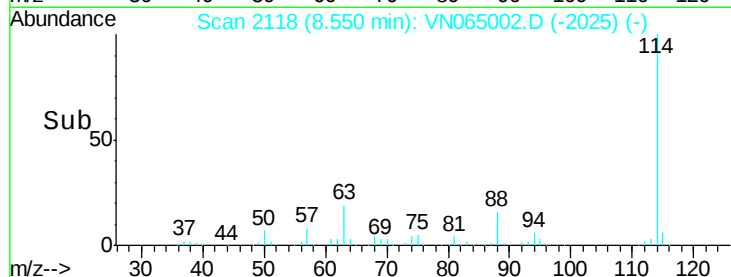
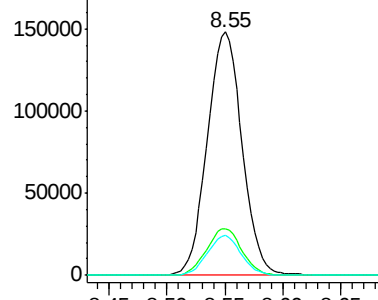
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065002.D
Acq: 9 Dec 2020 5:27

Instrument :
MSVOA_N
ClientSampleId :
4S1-A-TOP

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	16.3	0.0	32.6

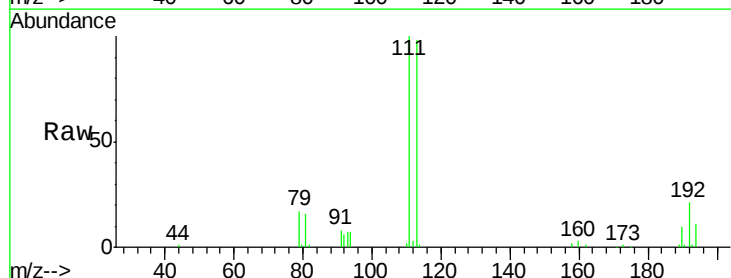


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

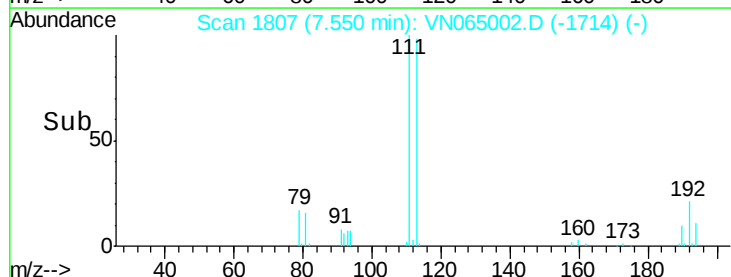
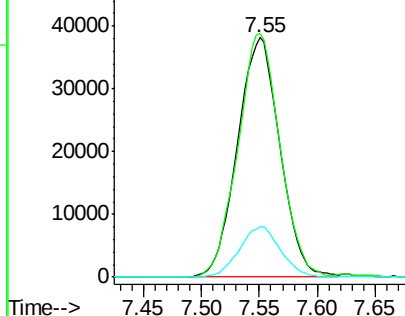


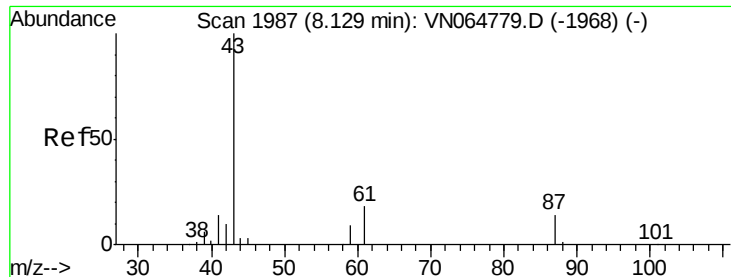
#35
Dibromofluoromethane
Concen: 52.531 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065002.D
Acq: 9 Dec 2020 5:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.6	122.4
192	20.3	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: 3.730 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065002.D

Acq: 9 Dec 2020 5:27

Instrument :

MSVOA_N

ClientSampleId :

4S1-A-TOP

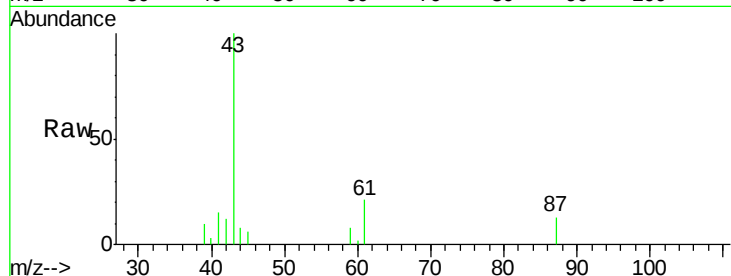
Tot Ion: 43 Resp: 16576

Ion Ratio Lower Upper

43 100

61 19.1 17.2 25.8

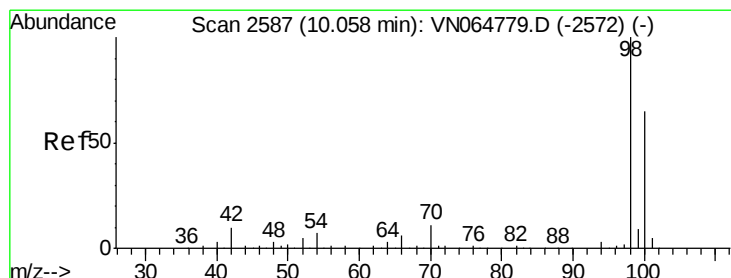
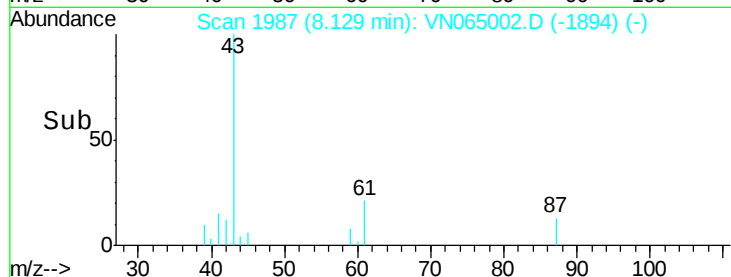
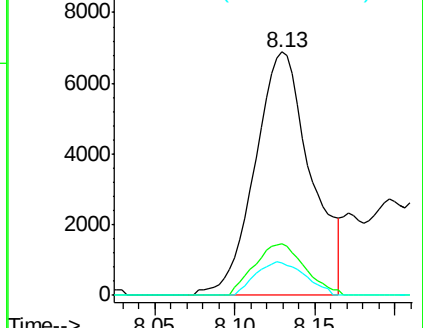
87 12.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#50

Toluene-d8

Concen: 51.646 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065002.D

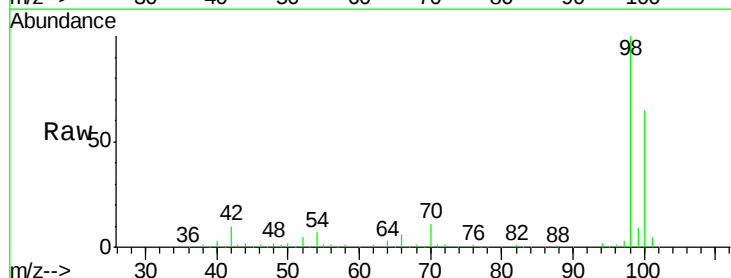
Acq: 9 Dec 2020 5:27

Tgt Ion: 98 Resp: 390527

Ion Ratio Lower Upper

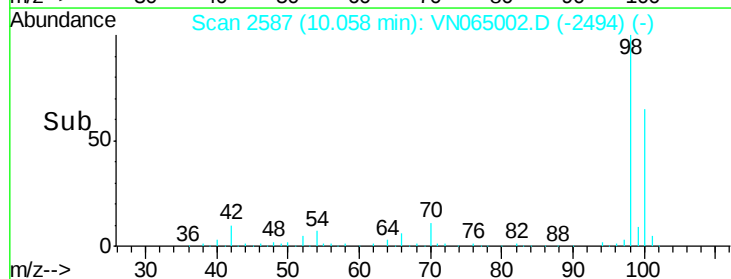
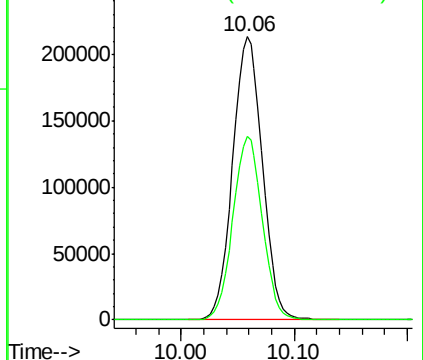
98 100

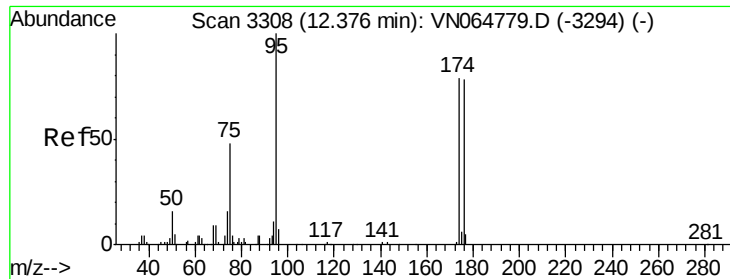
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

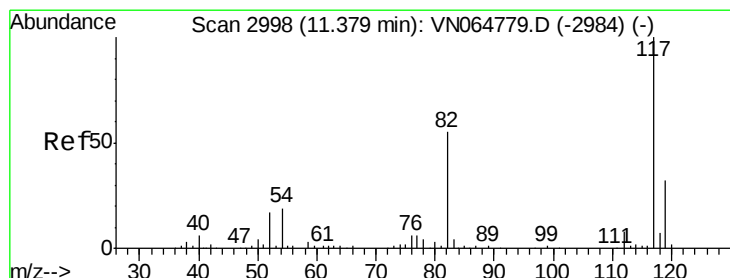
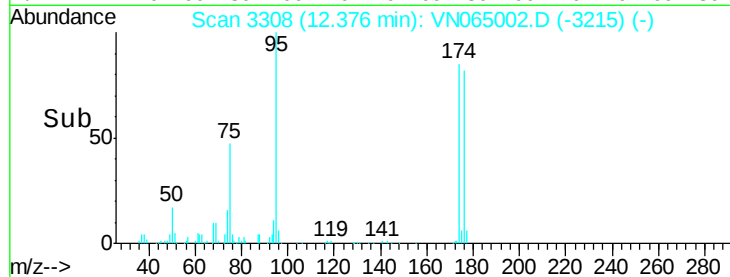
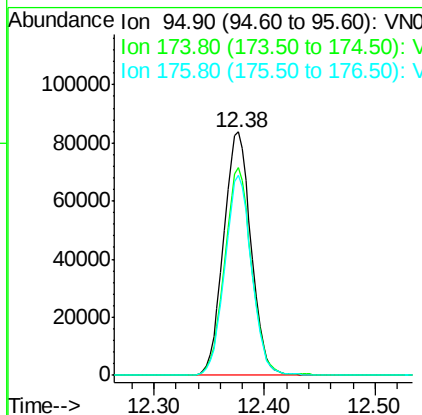
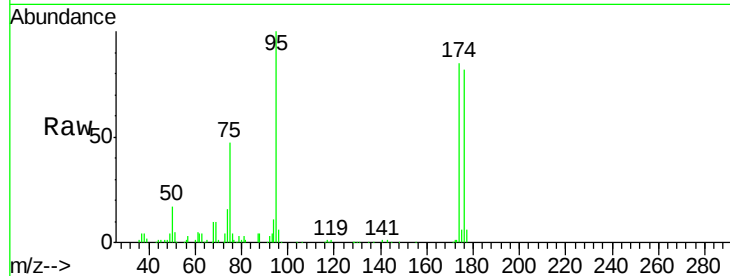




#62
4-Bromofluorobenzene
Concen: 53.518 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065002.D
Acq: 9 Dec 2020 5:27

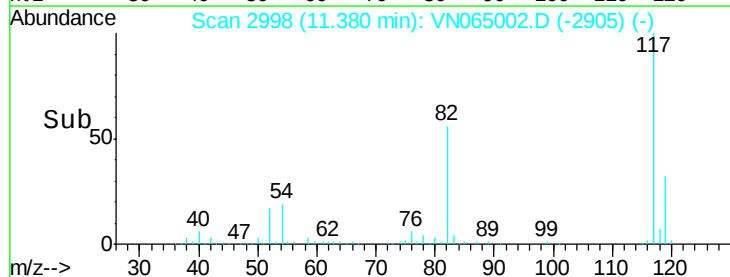
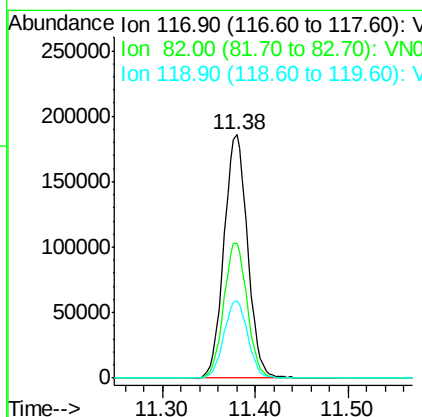
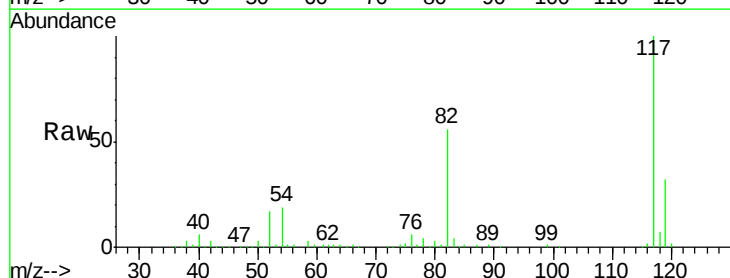
Instrument :
MSVOA_N
ClientSampled :
4S1-A-TOP

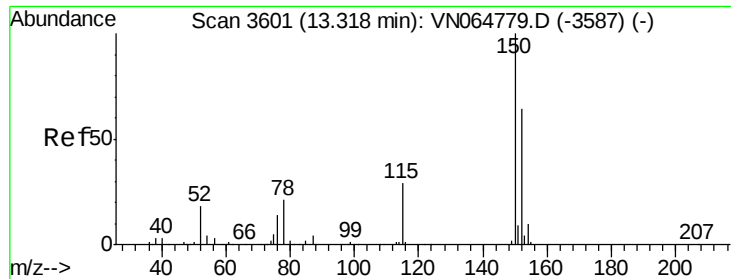
Tot Ion: 95 Resp: 144827
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.4
176 80.0 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065002.D
Acq: 9 Dec 2020 5:27

Tgt Ion: 117 Resp: 327405
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.8 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: VN065002.D

Acq: 9 Dec 2020 5:27

Instrument :

MSVOA_N

ClientSampleId :

4S1-A-TOP

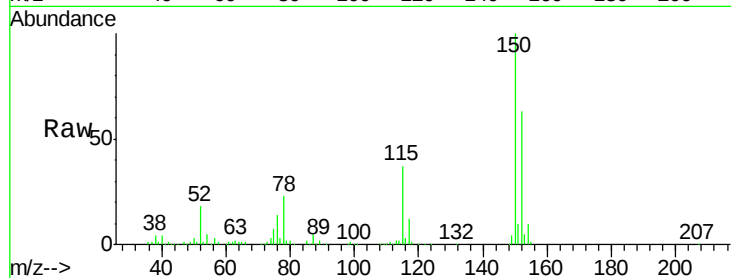
Tot Ion:152 Resp: 137061

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

150 157.1 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

