

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065001.D
 Acq On : 9 Dec 2020 5:03
 Operator : JC/MD
 Sample : L4970-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-D-BOTTOM

Quant Time: Dec 09 08:29:45 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	168750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	341427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138655	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	108543	55.33	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.66%	
35) Dibromofluoromethane		7.55	113	102630	53.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.46%	
50) Toluene-d8		10.06	98	411914	52.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.58%	
62) 4-Bromofluorobenzene		12.37	95	150490	53.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.76%	

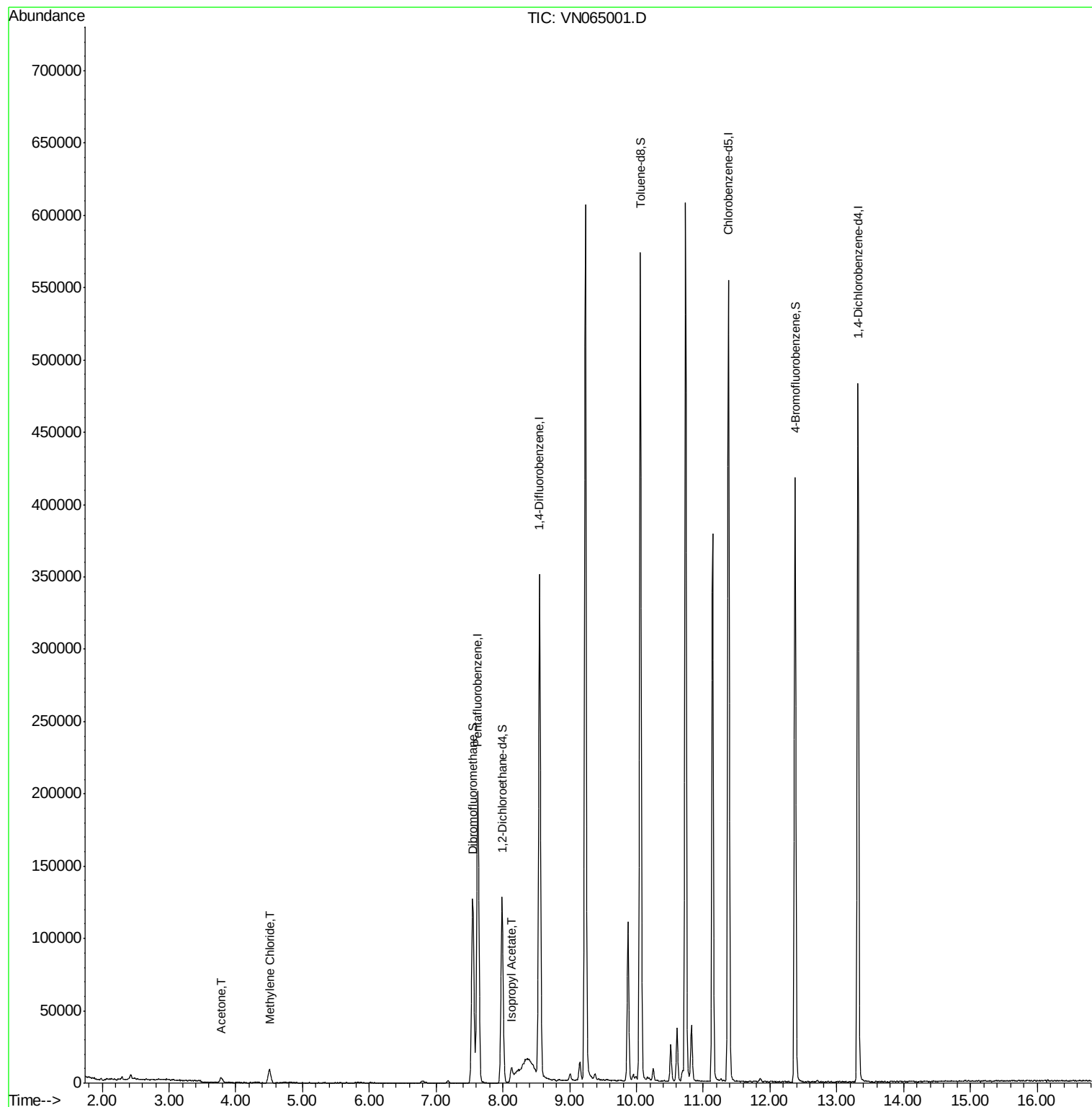
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	6916	10.724	ug/l	95
20) Methylene Chloride	4.50	84	7481	3.702	ug/l	98
43) Isopropyl Acetate	8.13	43	13497	2.916	ug/l	97

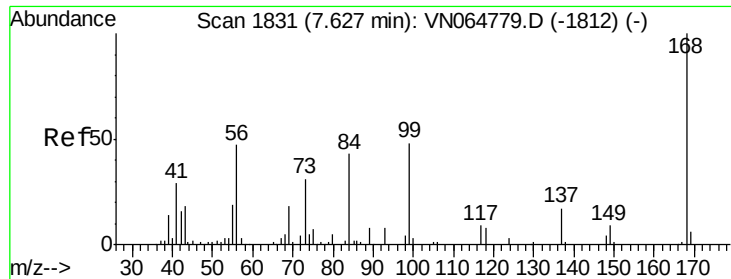
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065001.D

Acq: 9 Dec 2020 5:03

Instrument :

MSVOA_N

ClientSampleId :

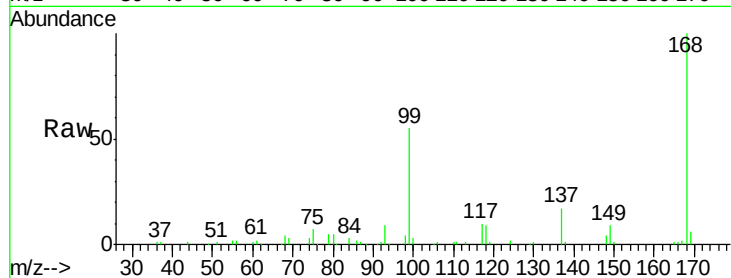
4S2-D-BOTTOM

Tot Ion:168 Resp: 168750

Ion Ratio Lower Upper

168 100

99 54.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

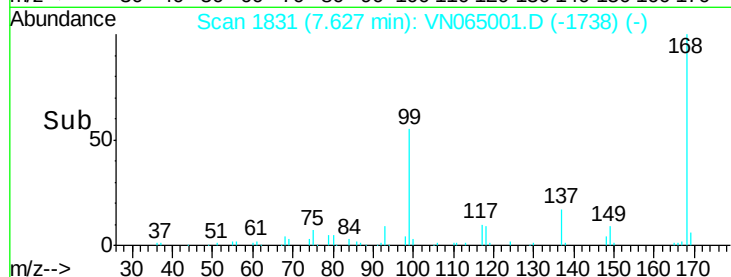
60000

40000

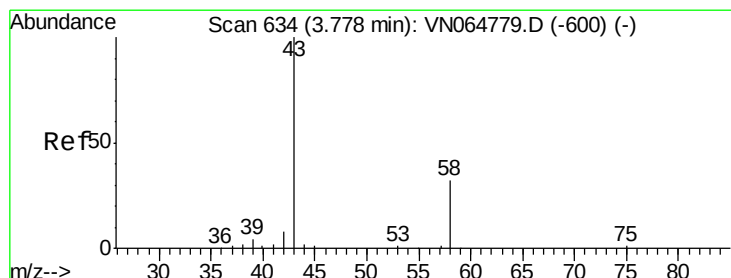
20000

0

7.50 7.60 7.70



Time-->



#16

Acetone

Concen: 10.724 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN065001.D

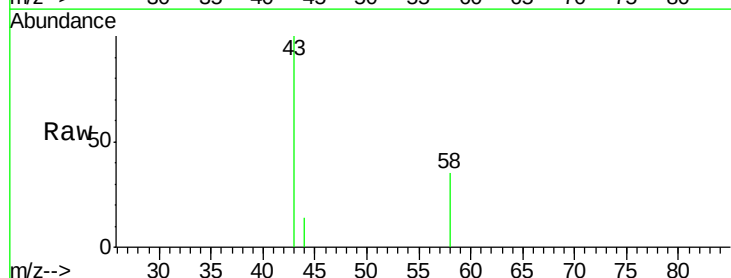
Acq: 9 Dec 2020 5:03

Tgt Ion: 43 Resp: 6916

Ion Ratio Lower Upper

43 100

58 35.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2500

2000

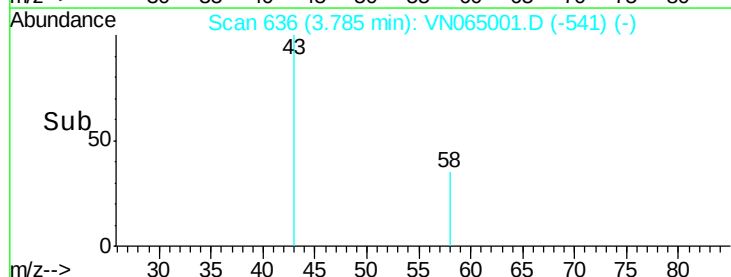
1500

1000

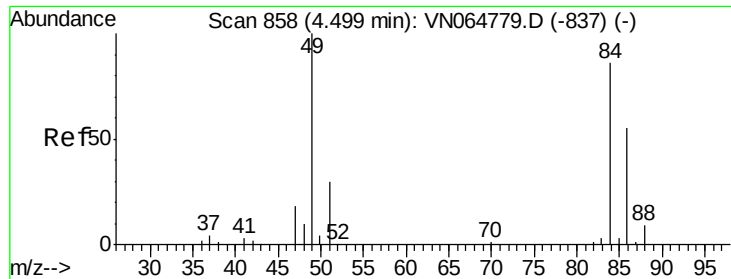
500

0

3.70 3.75 3.80 3.85



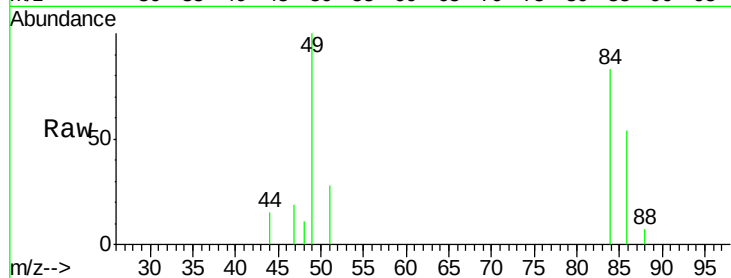
Time-->



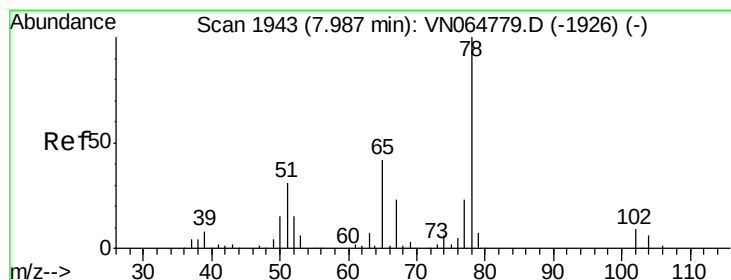
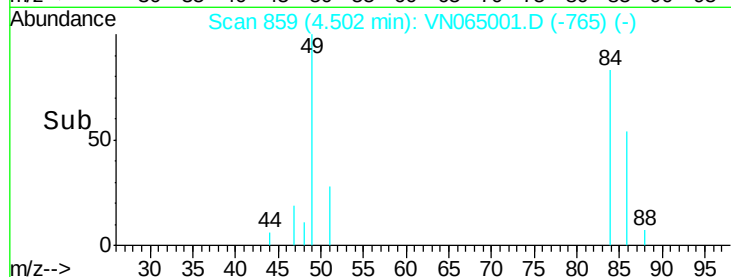
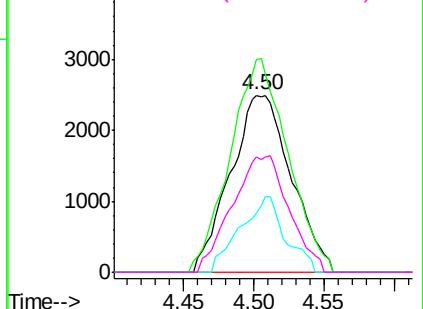
#20
Methylene Chloride
Concen: 3.702 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065001.D
Acq: 9 Dec 2020 5:03

Instrument :
MSVOA_N
ClientSampleId :
4S2-D-BOTTOM

Tot Ion: 84 Resp: 7481
Ion Ratio Lower Upper
84 100
49 119.9 93.4 140.0
51 33.2 28.2 42.4
86 64.9 51.7 77.5

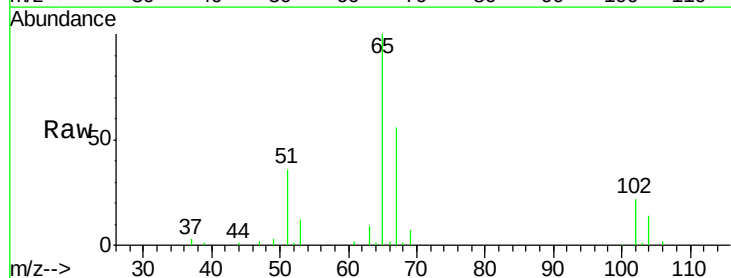


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

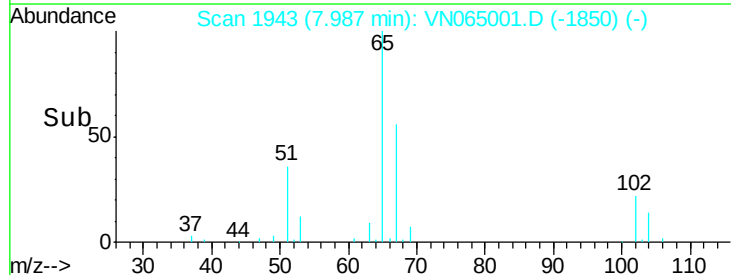
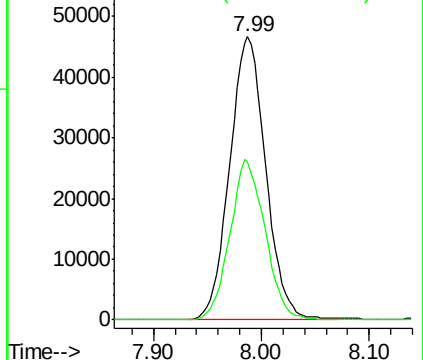


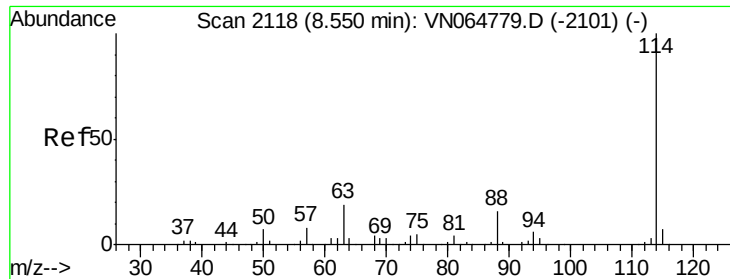
#33
1,2-Dichloroethane-d4
Concen: 55.327 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065001.D
Acq: 9 Dec 2020 5:03

Tgt Ion: 65 Resp: 108543
Ion Ratio Lower Upper
65 100
67 55.1 0.0 108.2



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

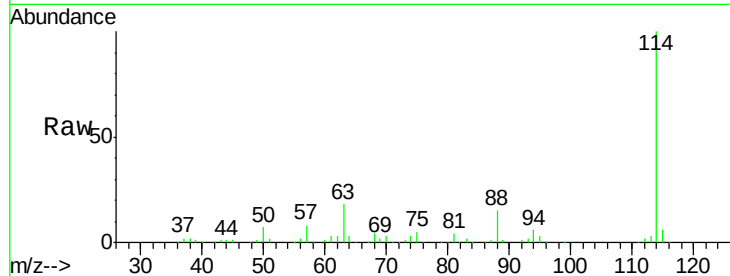




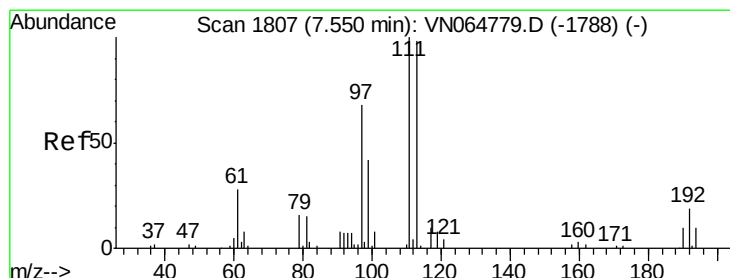
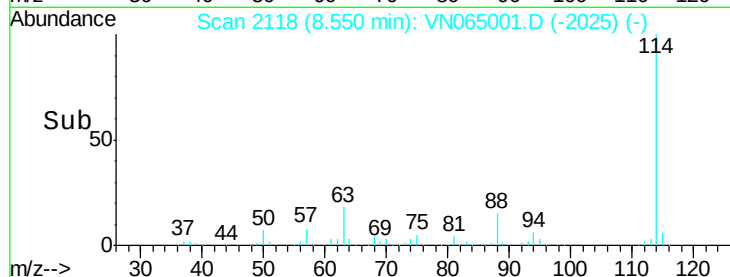
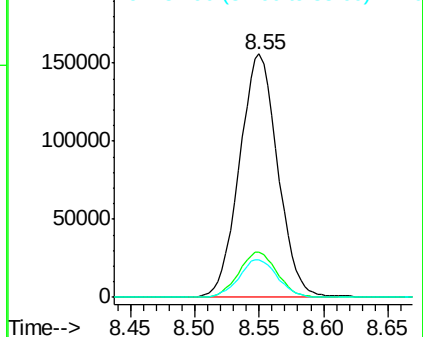
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065001.D
Acq: 9 Dec 2020 5:03

Instrument :
MSVOA_N
ClientSampleId :
4S2-D-BOTTOM

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.6
88	15.3	0.0	32.6

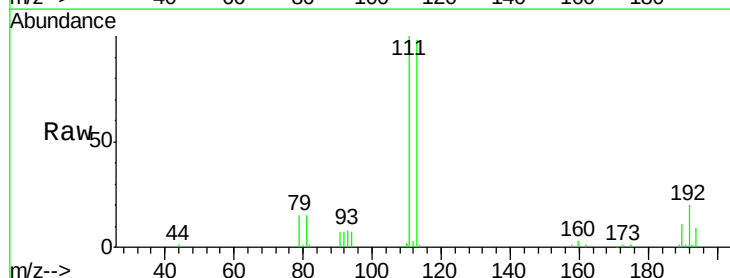


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

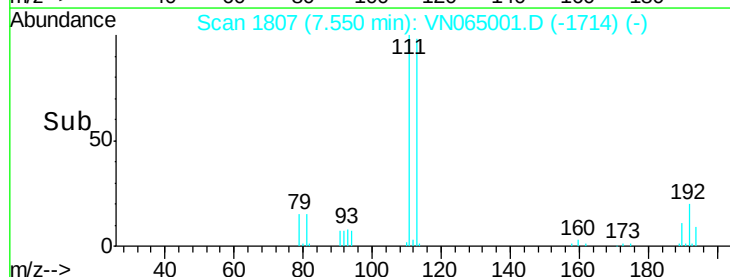
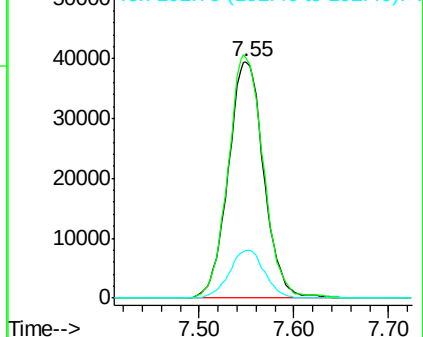


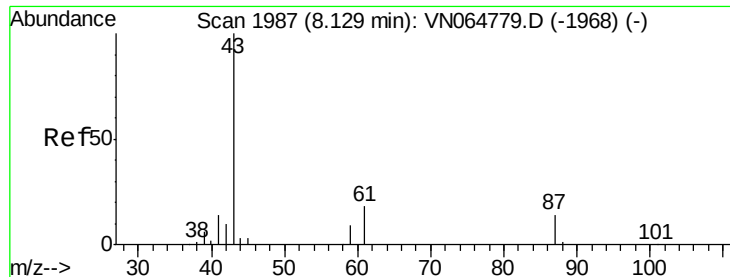
#35
Dibromofluoromethane
Concen: 53.232 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065001.D
Acq: 9 Dec 2020 5:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	19.9	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: 2.916 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065001.D

Acq: 9 Dec 2020 5:03

Instrument :

MSVOA_N

ClientSampleId :

4S2-D-BOTTOM

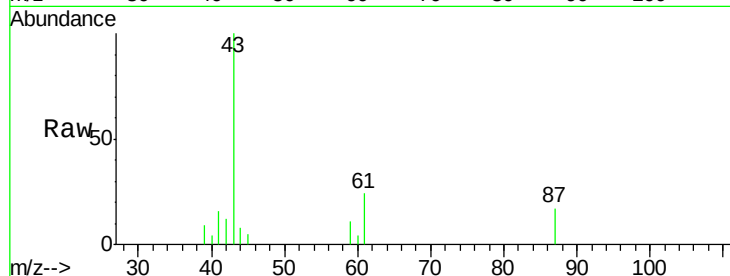
Tot Ion: 43 Resp: 13497

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

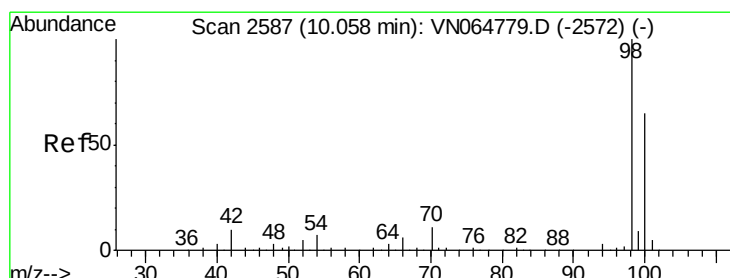
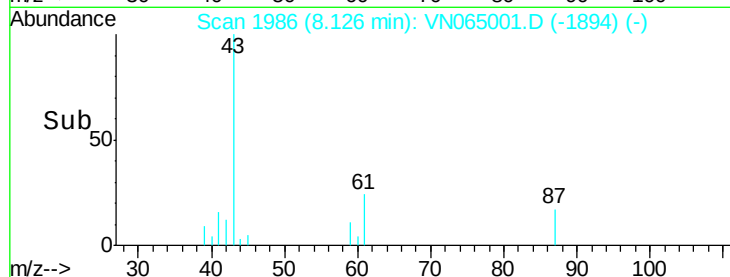
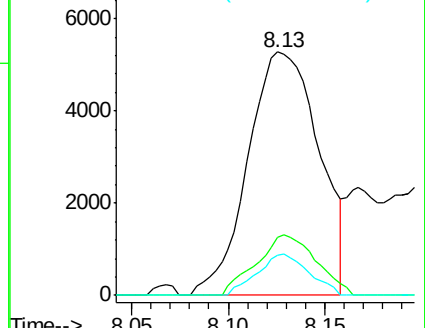
87 12.3 11.4 17.0



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: 52.289 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065001.D

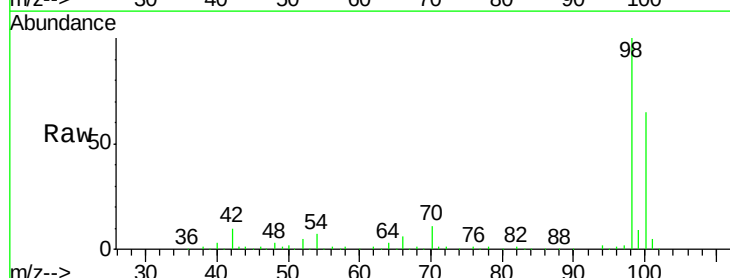
Acq: 9 Dec 2020 5:03

Tgt Ion: 98 Resp: 411914

Ion Ratio Lower Upper

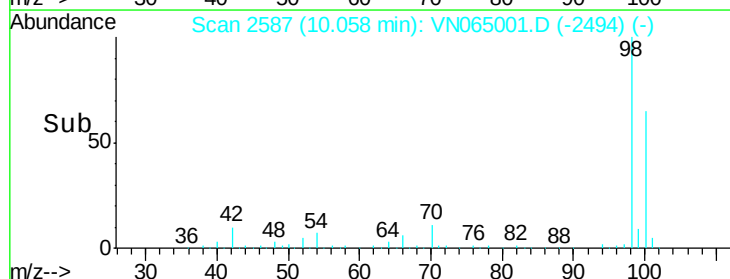
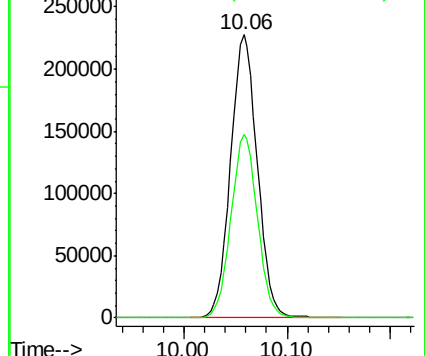
98 100

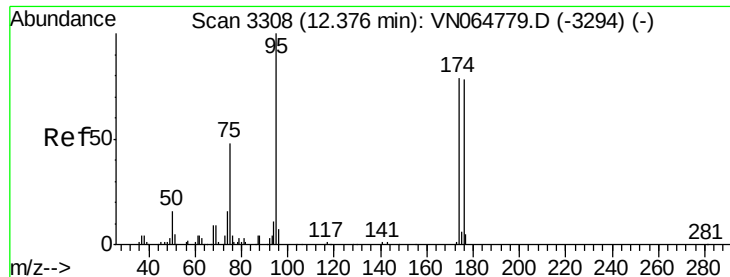
100 64.3 51.7 77.5



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

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

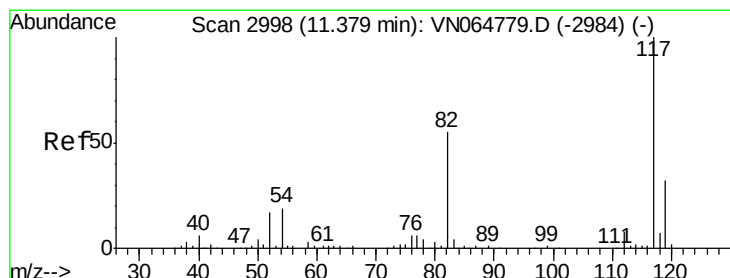
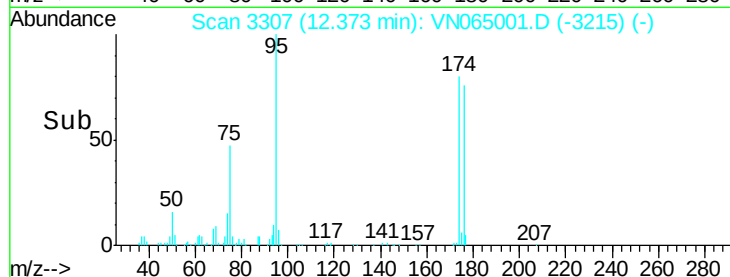
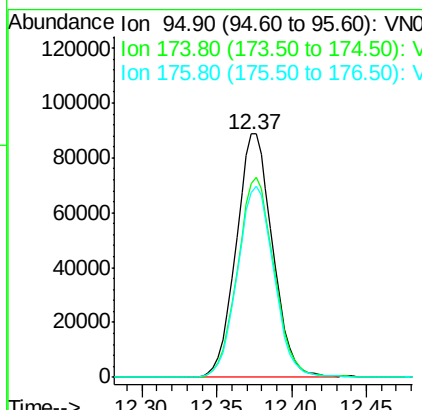
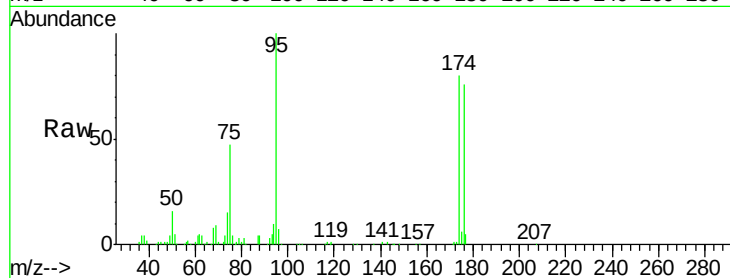




#62
4-Bromofluorobenzene
Concen: 53.380 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN065001.D
Acq: 9 Dec 2020 5:03

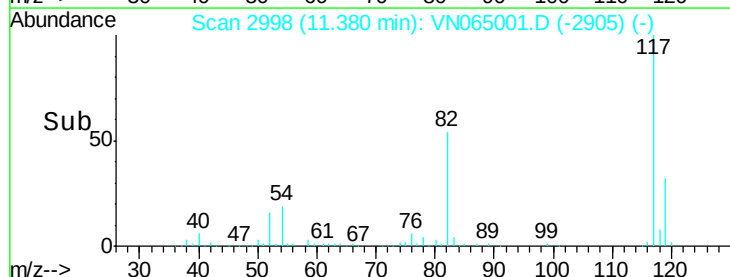
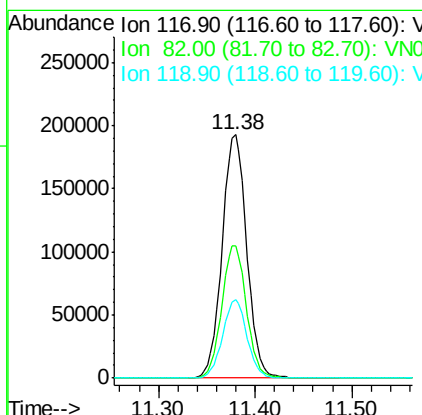
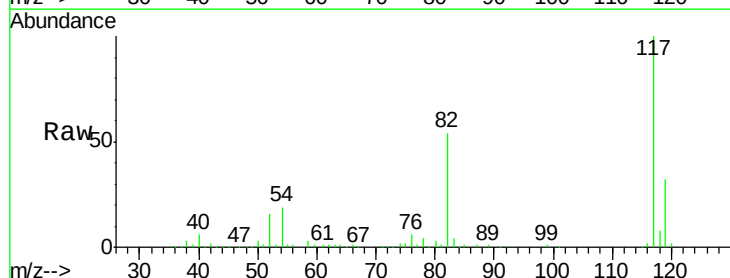
Instrument :
MSVOA_N
ClientSampleId :
4S2-D-BOTTOM

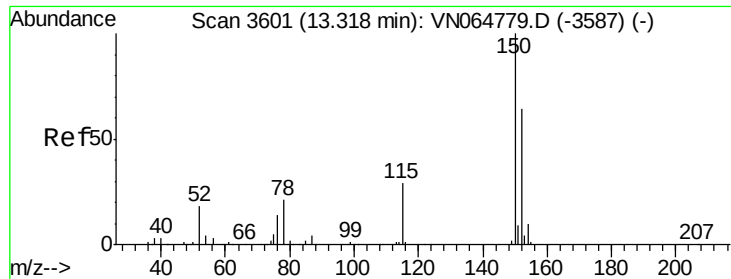
Tot Ion: 95 Resp: 150490
Ion Ratio Lower Upper
95 100
174 82.7 0.0 160.4
176 78.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065001.D
Acq: 9 Dec 2020 5:03

Tgt Ion: 117 Resp: 341427
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.3 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: VN065001.D

Acq: 9 Dec 2020 5:03

Instrument :

MSVOA_N

ClientSampleId :

4S2-D-BOTTOM

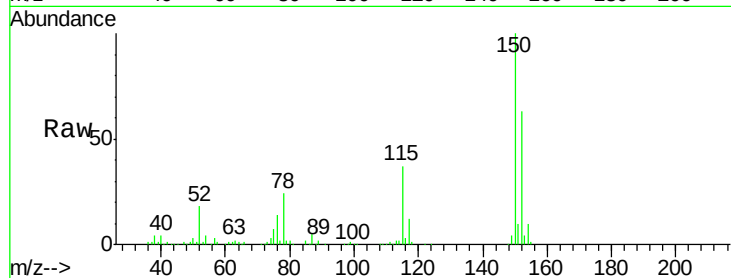
Tot Ion:152 Resp: 138655

Ion Ratio Lower Upper

152 100

115 59.2 29.7 89.1

150 158.8 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

