

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065000.D
 Acq On : 9 Dec 2020 4:39
 Operator : JC/MD
 Sample : L4970-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-D-TOP

Quant Time: Dec 09 08:28:31 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	164839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136420	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106946	55.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	111.62%	
35) Dibromofluoromethane	7.55	113	97548	51.32	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	102.64%	
50) Toluene-d8	10.06	98	398840	51.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.38	95	147286	52.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	105.98%	

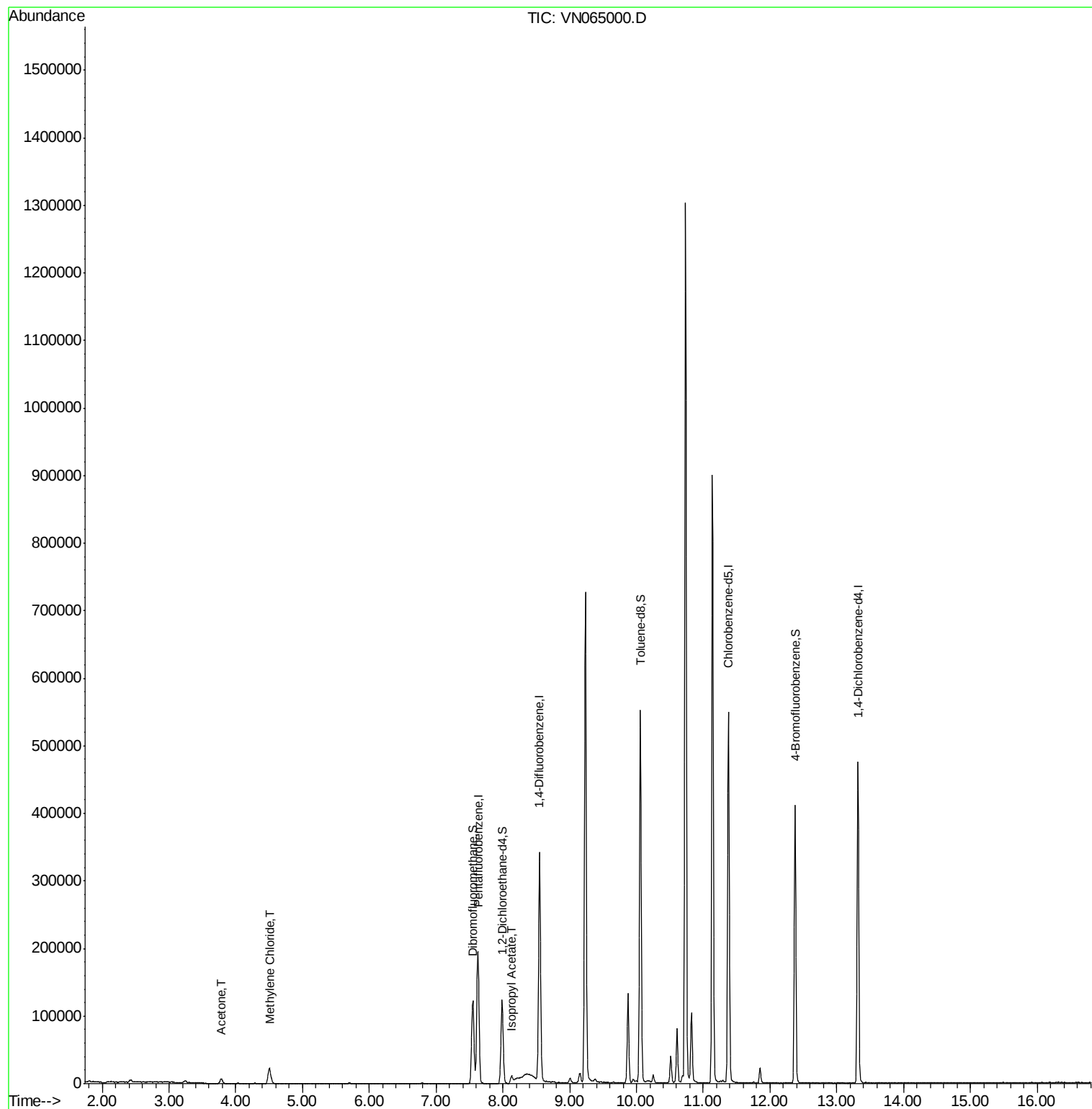
Target Compounds					Qvalue
16) Acetone	3.78	43	11916	18.915 ug/l	99
20) Methylene Chloride	4.51	84	17827	9.031 ug/l	94
43) Isopropyl Acetate	8.13	43	16119	3.532 ug/l #	91

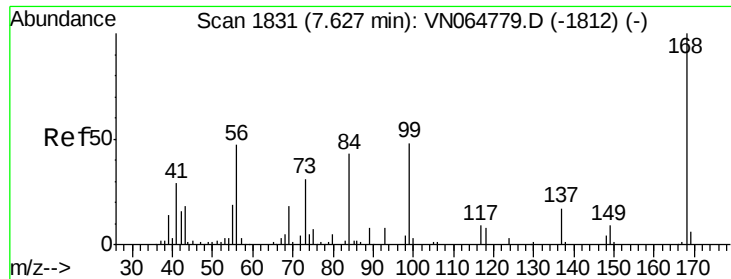
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN065000.D

Acq: 9 Dec 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

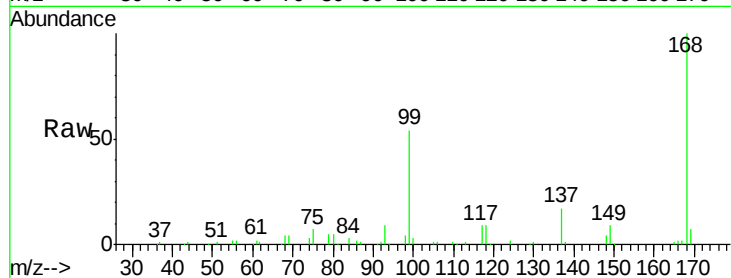
4S2-D-TOP

Tot Ion:168 Resp: 164839

Ion Ratio Lower Upper

168 100

99 53.5 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

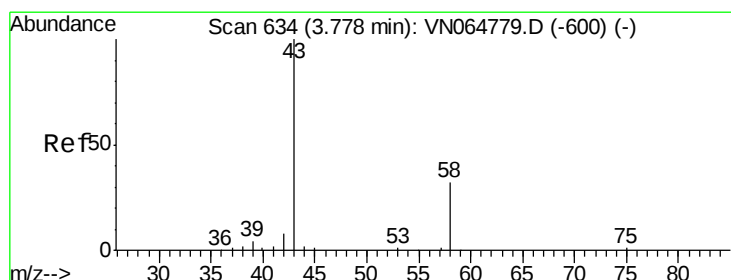
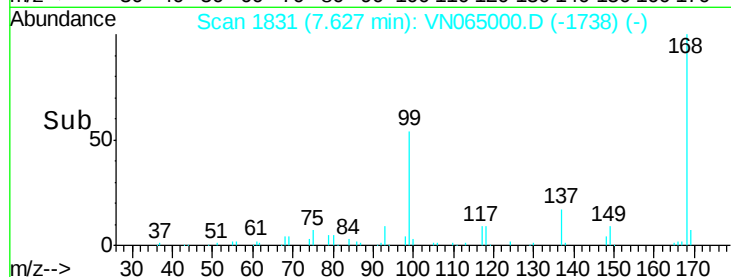
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 18.915 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065000.D

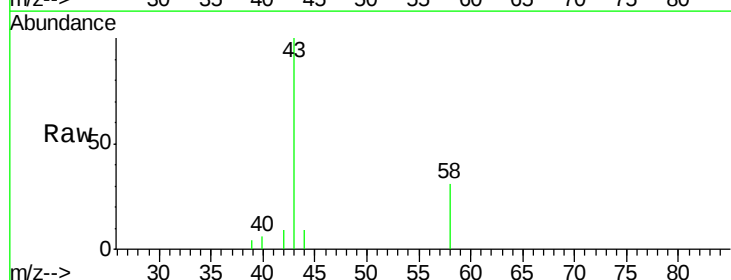
Acq: 9 Dec 2020 4:39

Tgt Ion: 43 Resp: 11916

Ion Ratio Lower Upper

43 100

58 31.4 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

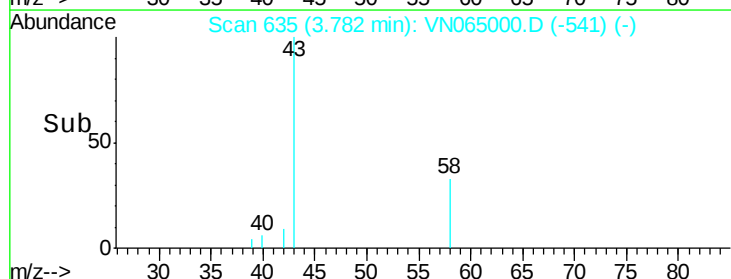
3000

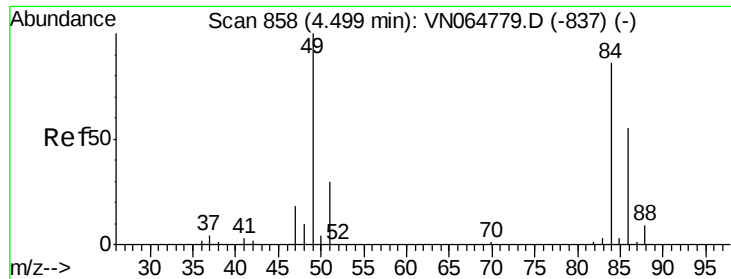
2000

1000

0

Time--> 3.70 3.75 3.80 3.85



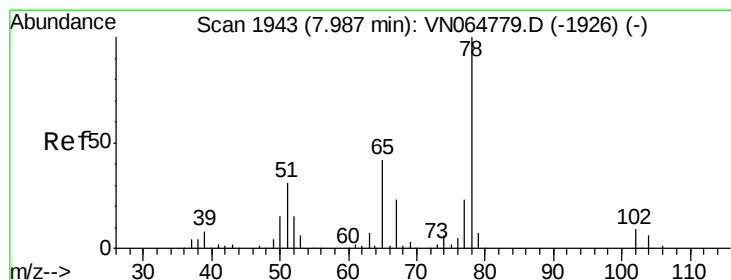
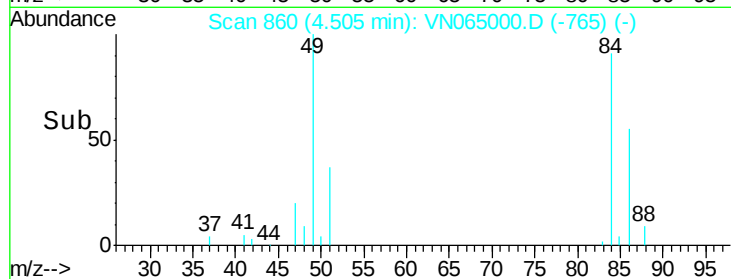
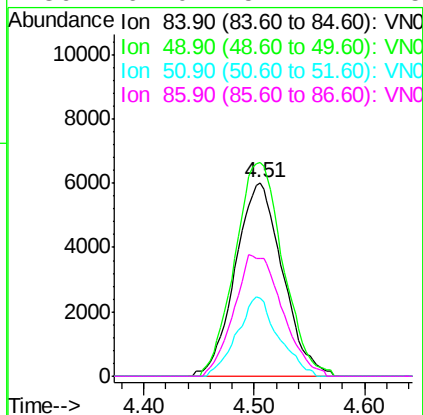
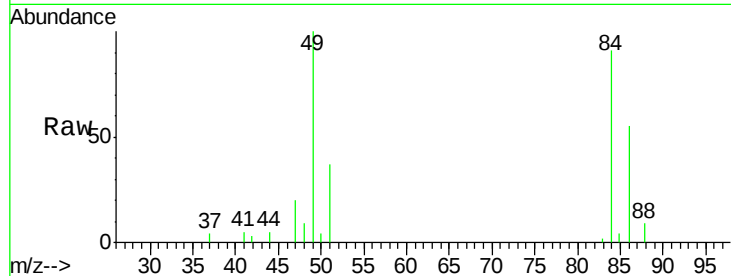


#20
Methylene Chloride
Concen: 9.031 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN065000.D
Acq: 9 Dec 2020 4:39

Instrument :
MSVOA_N
ClientSampleId :
4S2-D-TOP

Tot Ion: 84 Resp: 17827

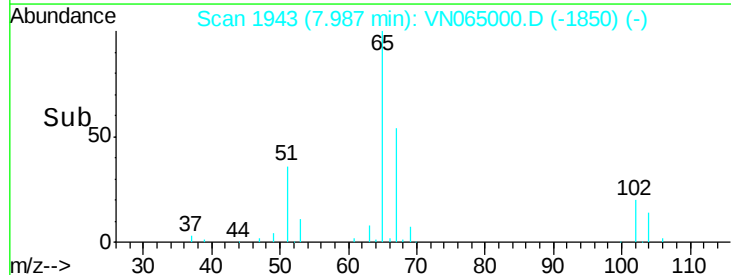
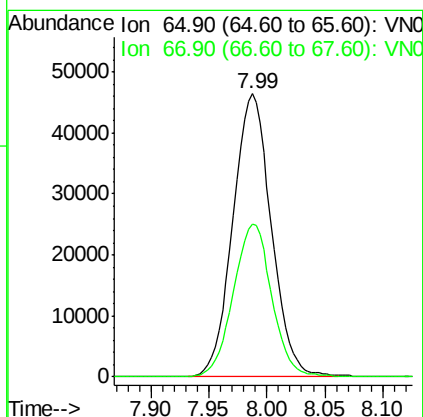
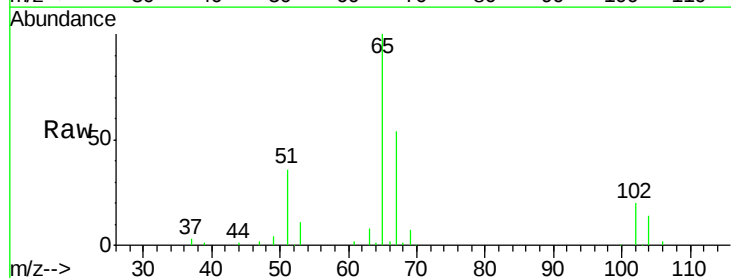
Ion	Ratio	Lower	Upper
84	100		
49	110.2	93.4	140.0
51	40.6	28.2	42.4
86	61.0	51.7	77.5

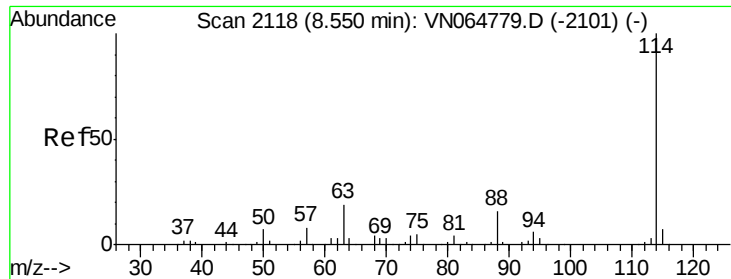


#33
1,2-Dichloroethane-d4
Concen: 55.807 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065000.D
Acq: 9 Dec 2020 4:39

Tgt Ion: 65 Resp: 106946

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.2

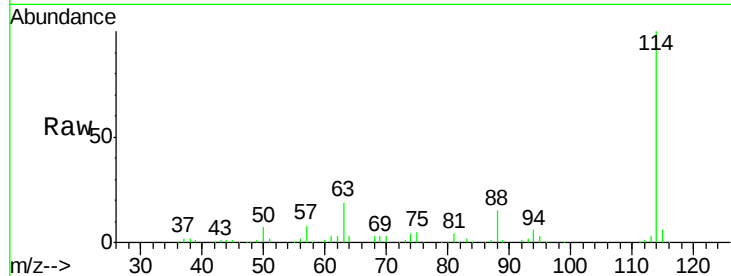




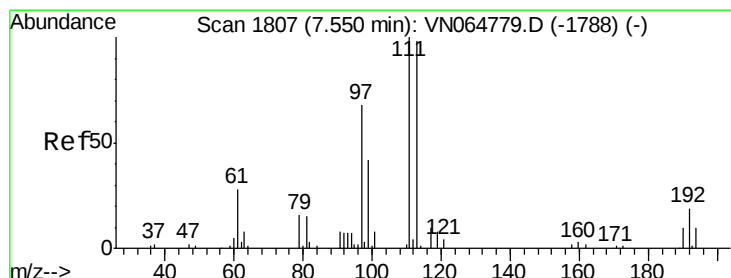
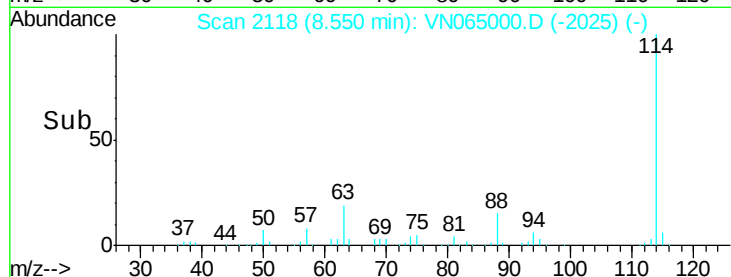
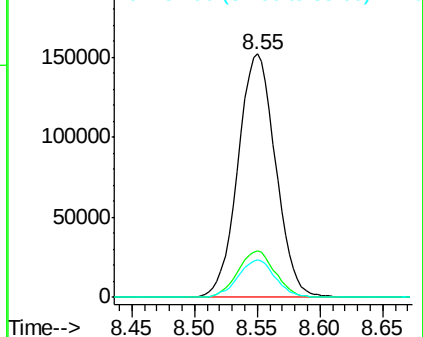
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065000.D
Acq: 9 Dec 2020 4:39

Instrument :
MSVOA_N
ClientSampleId :
4S2-D-TOP

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.4	0.0	32.6

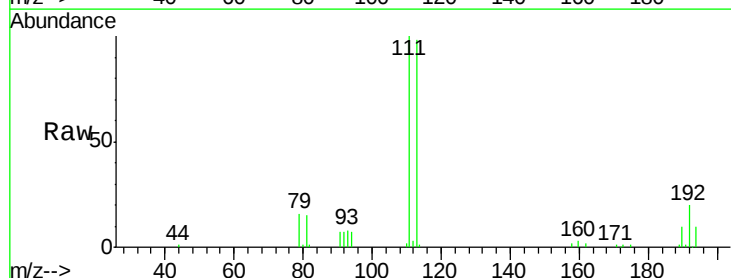


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

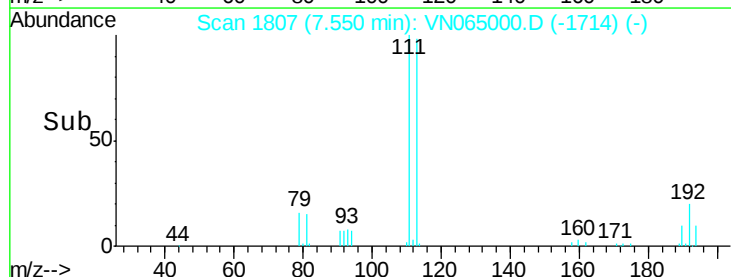
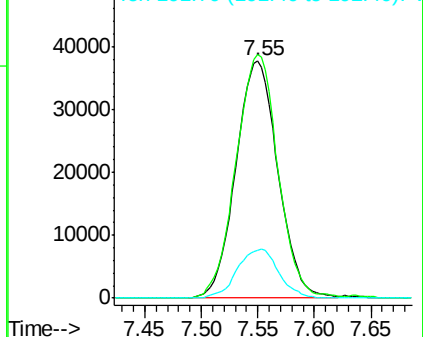


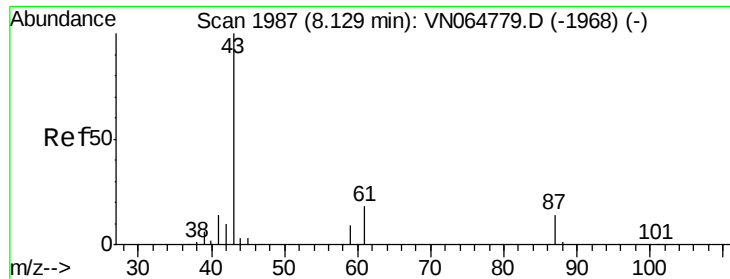
#35
Dibromofluoromethane
Concen: 51.316 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065000.D
Acq: 9 Dec 2020 4:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.6	122.4
192	20.4	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: 3.532 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065000.D

Acq: 9 Dec 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

4S2-D-TOP

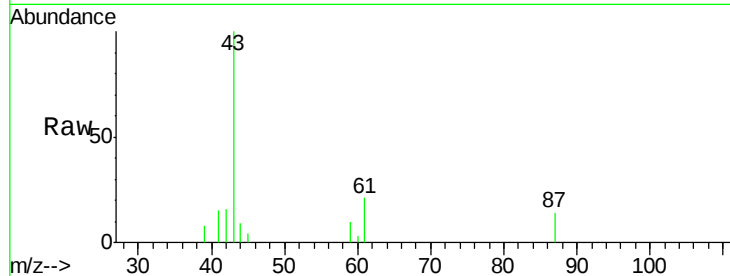
Tot Ion: 43 Resp: 16119

Ion Ratio Lower Upper

43 100

61 17.0 17.2 25.8#

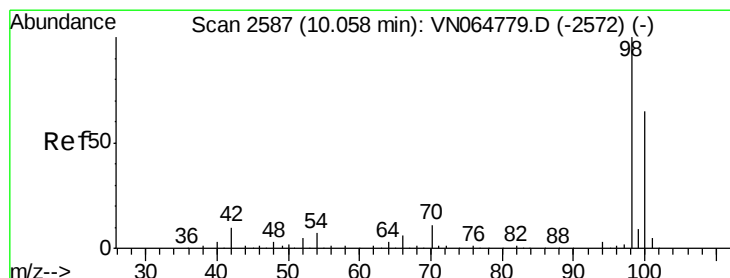
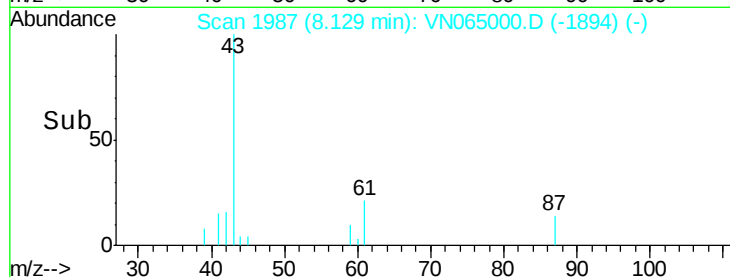
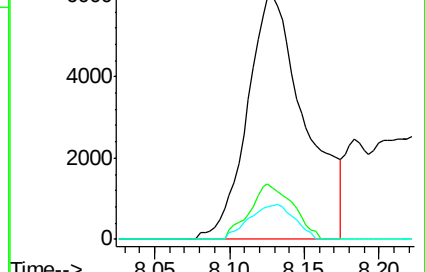
87 11.0 11.4 17.0#



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: 51.350 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065000.D

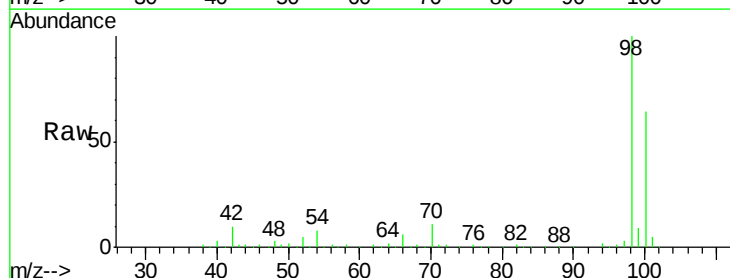
Acq: 9 Dec 2020 4:39

Tgt Ion: 98 Resp: 398840

Ion Ratio Lower Upper

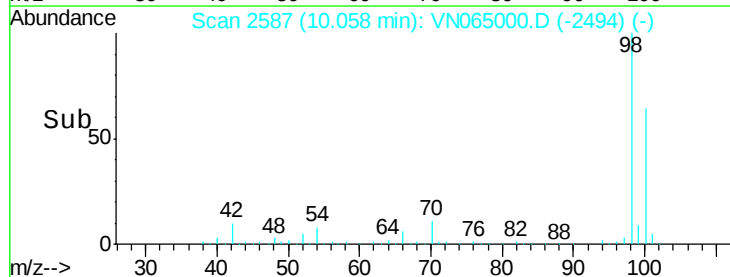
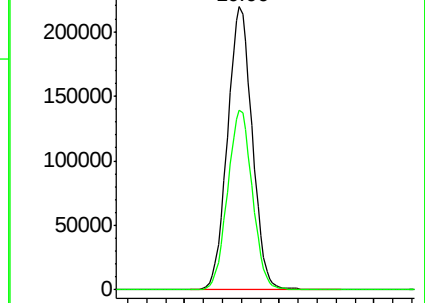
98 100

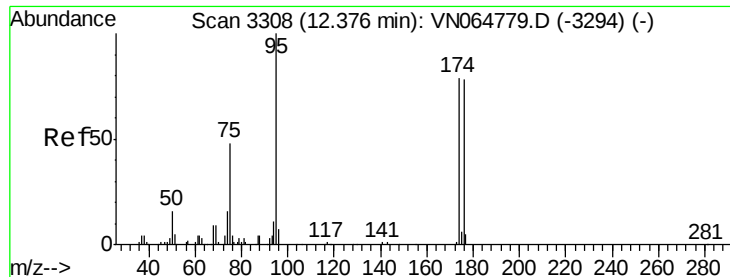
100 63.6 51.7 77.5



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

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

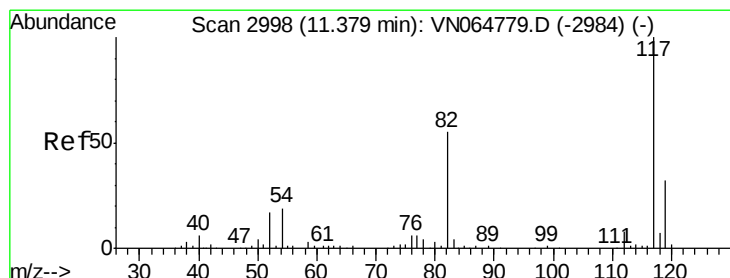
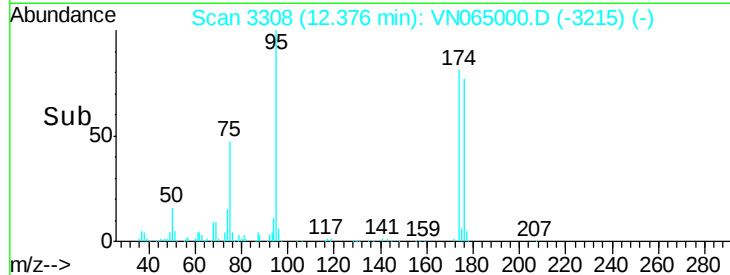
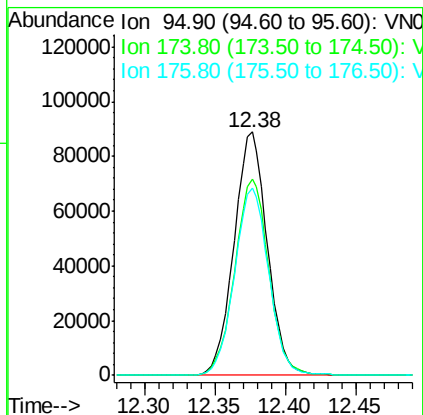
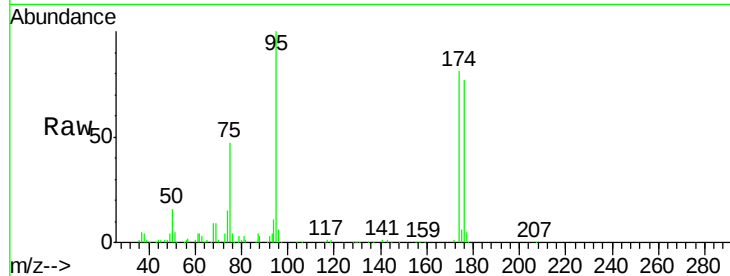




#62
4-Bromofluorobenzene
Concen: 52.987 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065000.D
Acq: 9 Dec 2020 4:39

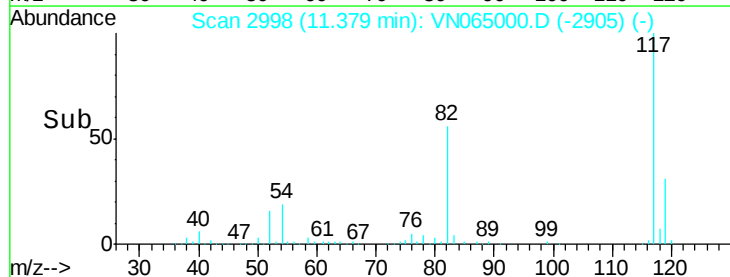
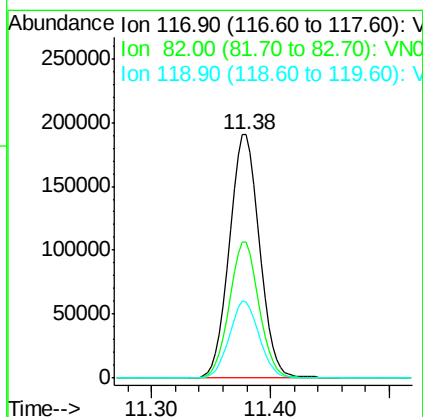
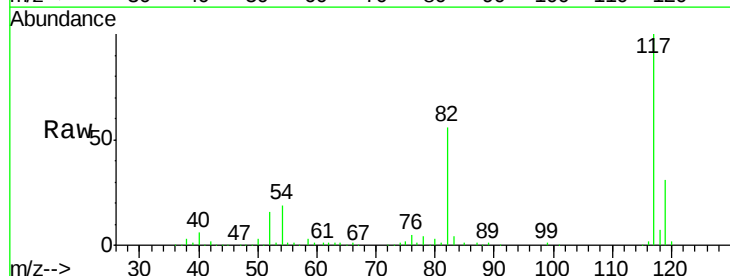
Instrument :
MSVOA_N
ClientSampleId :
4S2-D-TOP

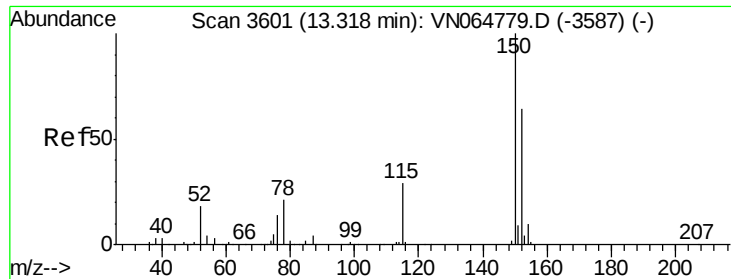
Tot Ion: 95 Resp: 147286
Ion Ratio Lower Upper
95 100
174 82.6 0.0 160.4
176 78.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065000.D
Acq: 9 Dec 2020 4:39

Tgt Ion: 117 Resp: 335321
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.4 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: VN065000.D

Acq: 9 Dec 2020 4:39

Instrument :

MSVOA_N

ClientSampleId :

4S2-D-TOP

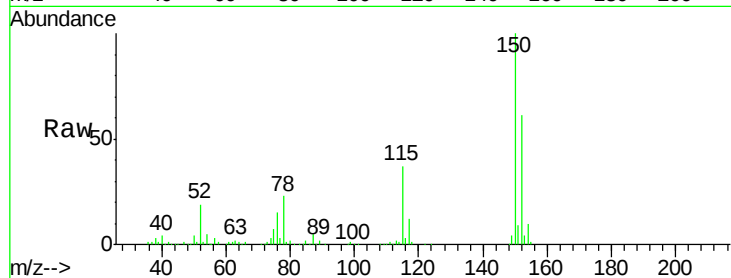
Tot Ion:152 Resp: 136420

Ion Ratio Lower Upper

152 100

115 59.7 29.7 89.1

150 159.0 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

