

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065005.D
 Acq On : 9 Dec 2020 6:40
 Operator : JC/MD
 Sample : L4970-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-B-BOTTOM

Quant Time: Dec 09 08:35:33 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	161485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	325691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135975	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	105089	55.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.96%	
35) Dibromofluoromethane		7.55	113	97360	52.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.68%	
50) Toluene-d8		10.06	98	387494	50.99	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.98%	
62) 4-Bromofluorobenzene		12.38	95	143737	52.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.70%	

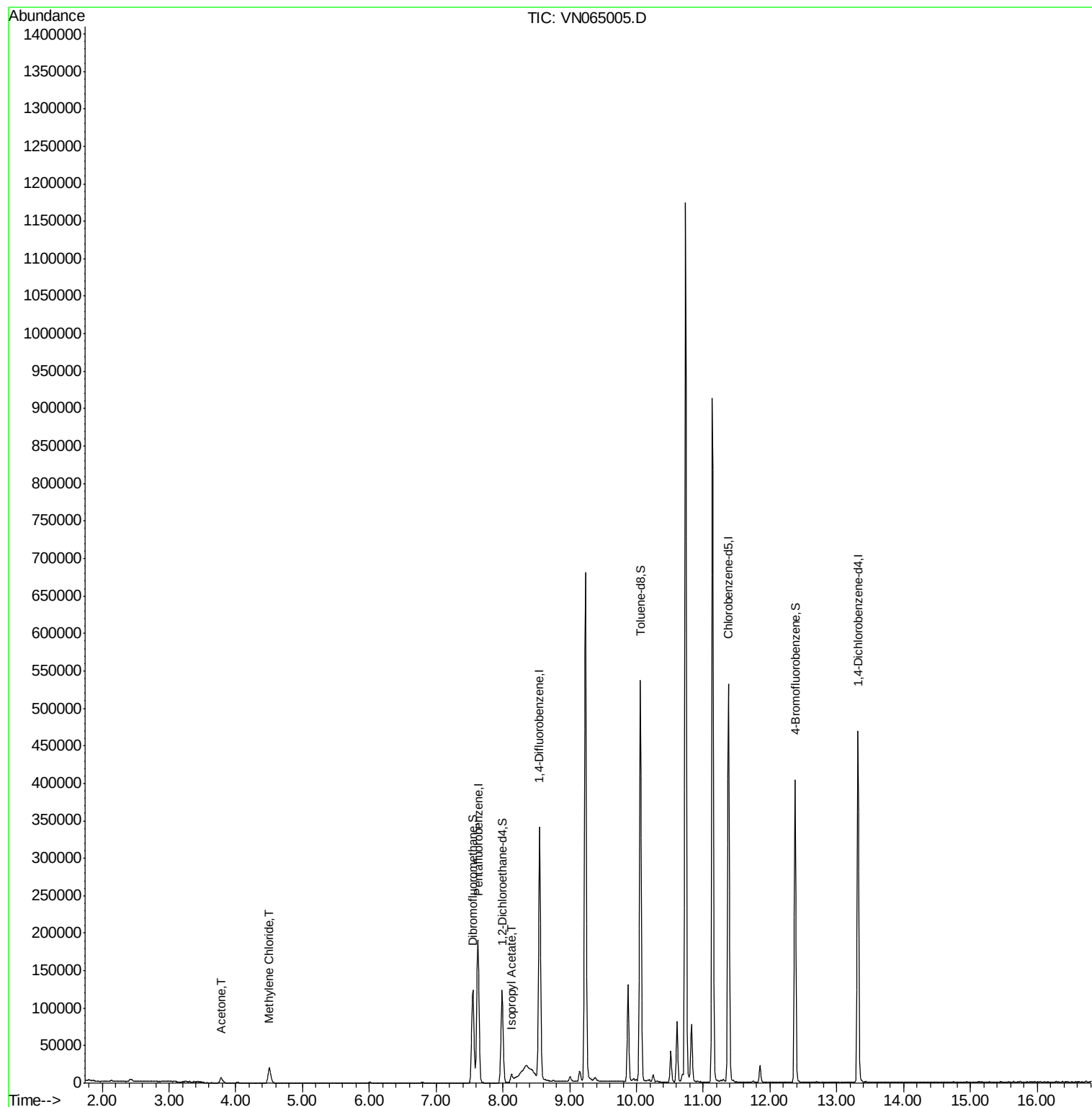
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	12811	20.759	ug/l #	88
20) Methylene Chloride	4.50	84	15308	7.916	ug/l	96
43) Isopropyl Acetate	8.13	43	14979	3.354	ug/l #	92

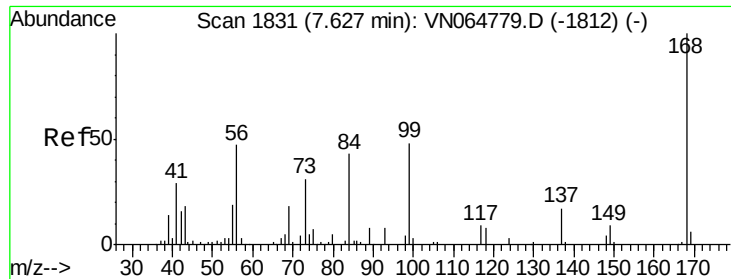
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN065005.D

Acq: 9 Dec 2020 6:40

Instrument :

MSVOA_N

ClientSampleId :

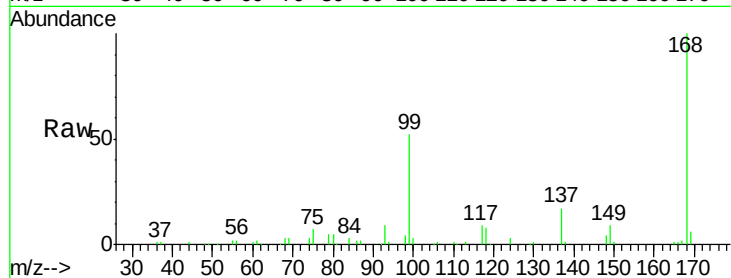
4S1-B-BOTTOM

Tot Ion:168 Resp: 161485

Ion Ratio Lower Upper

168 100

99 52.2 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

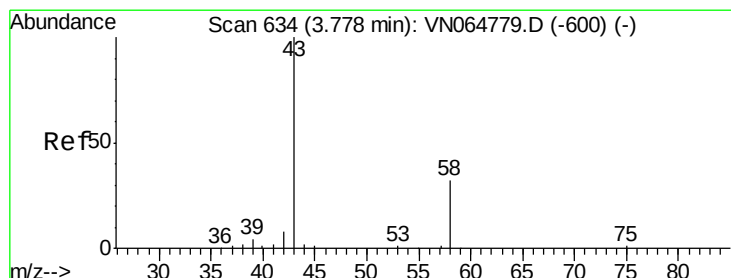
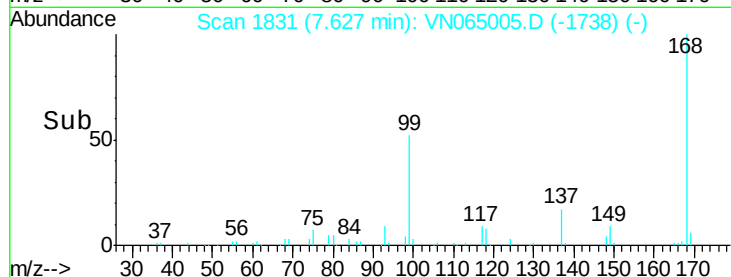
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 20.759 ug/l

RT: 3.78 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN065005.D

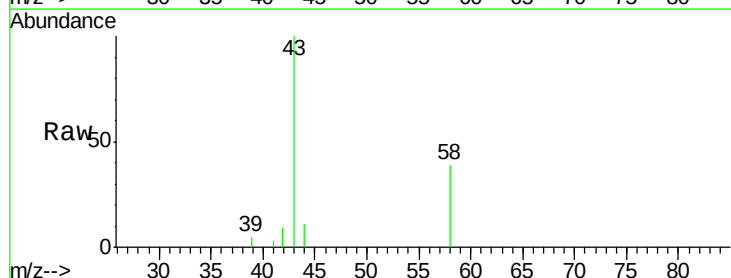
Acq: 9 Dec 2020 6:40

Tgt Ion: 43 Resp: 12811

Ion Ratio Lower Upper

43 100

58 39.0 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

5000

4000

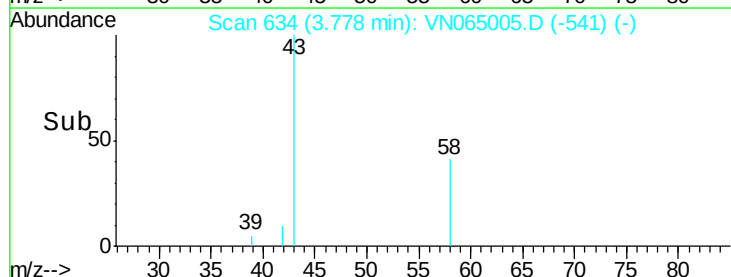
3000

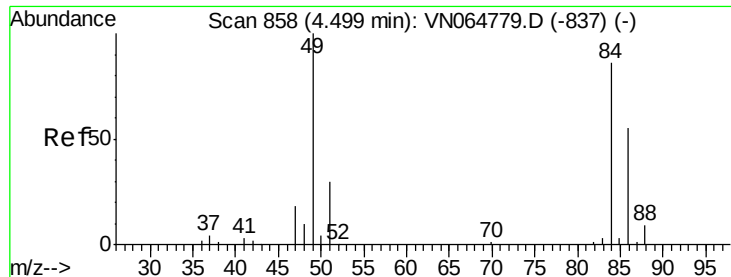
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

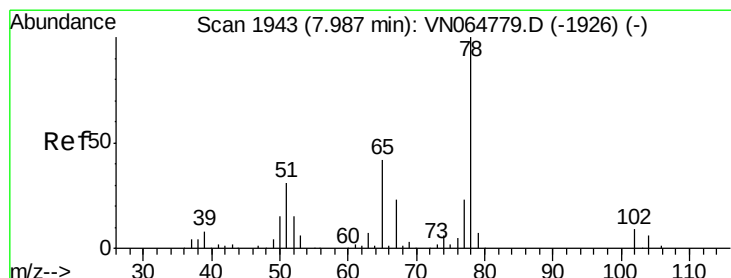
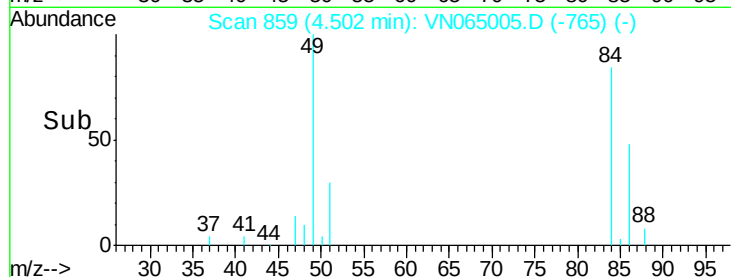
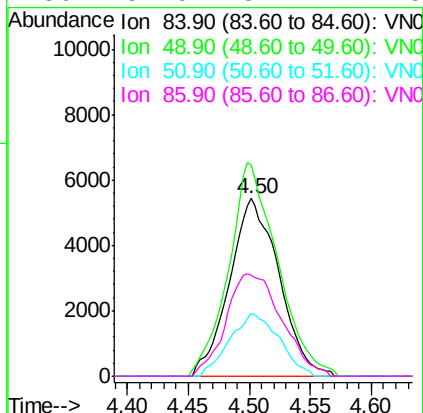
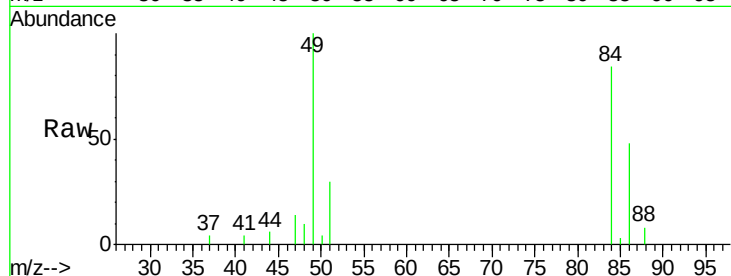




#20
Methylene Chloride
Concen: 7.916 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065005.D
Acq: 9 Dec 2020 6:40

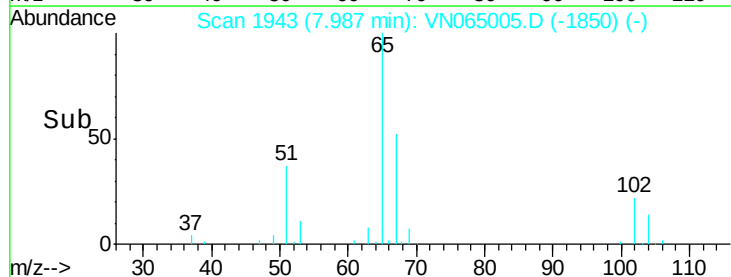
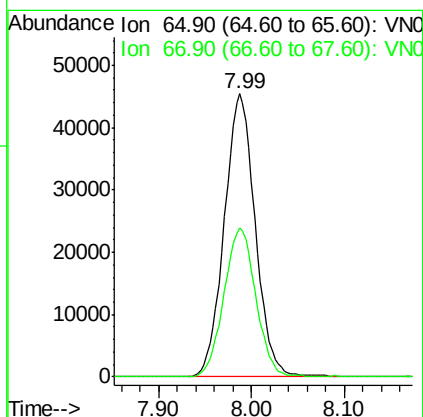
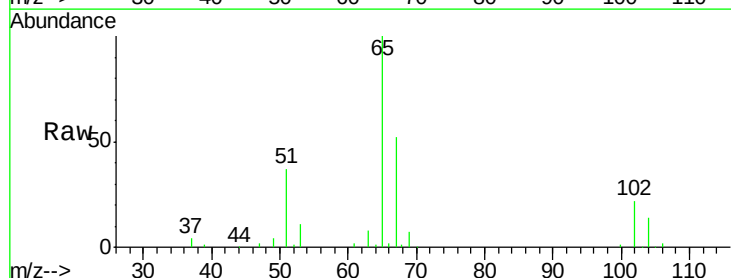
Instrument :
MSVOA_N
ClientSampleId :
4S1-B-BOTTOM

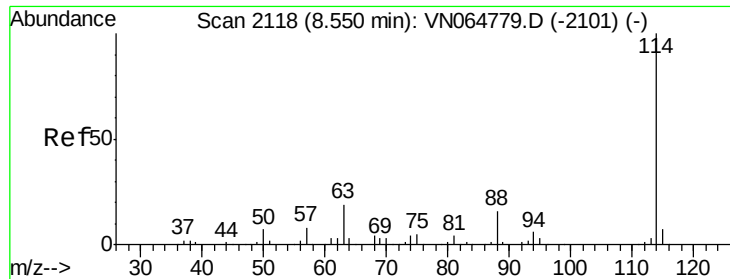
Tot Ion: 84 Resp: 15308
Ion Ratio Lower Upper
84 100
49 119.4 93.4 140.0
51 35.5 28.2 42.4
86 57.0 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.977 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN065005.D
Acq: 9 Dec 2020 6:40

Tgt Ion: 65 Resp: 105089
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.2

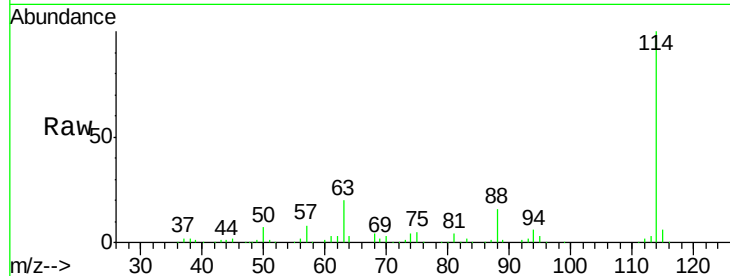




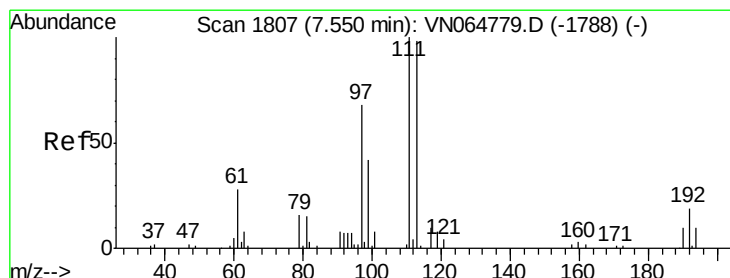
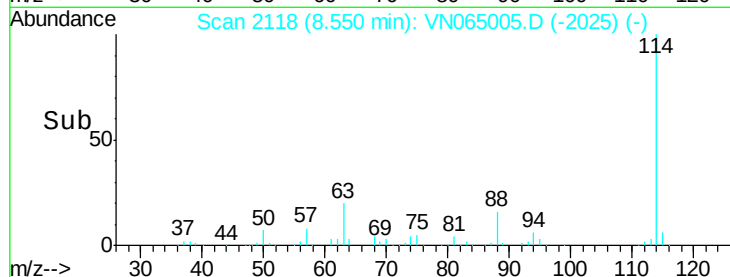
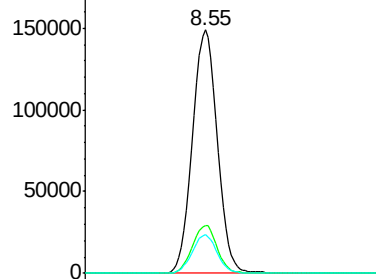
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN065005.D
Acq: 9 Dec 2020 6:40

Instrument :
MSVOA_N
ClientSampleId :
4S1-B-BOTTOM

Tot Ion:114 Resp: 310848
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 15.8 0.0 32.6

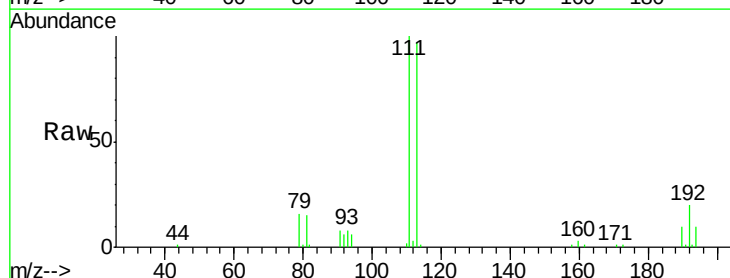


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

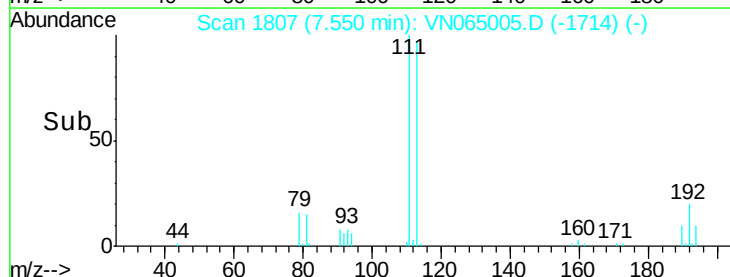
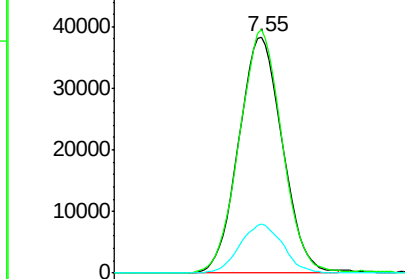


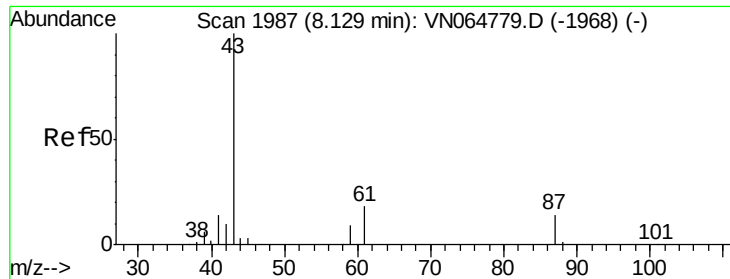
#35
Dibromofluoromethane
Concen: 52.344 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN065005.D
Acq: 9 Dec 2020 6:40

Tgt Ion:113 Resp: 97360
Ion Ratio Lower Upper
113 100
111 101.1 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: 3.354 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065005.D

Acq: 9 Dec 2020 6:40

Instrument :

MSVOA_N

ClientSampleId :

4S1-B-BOTTOM

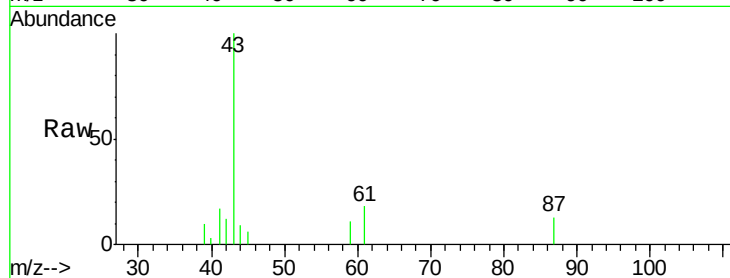
Tot Ion: 43 Resp: 14979

Ion Ratio Lower Upper

43 100

61 17.2 17.2 25.8

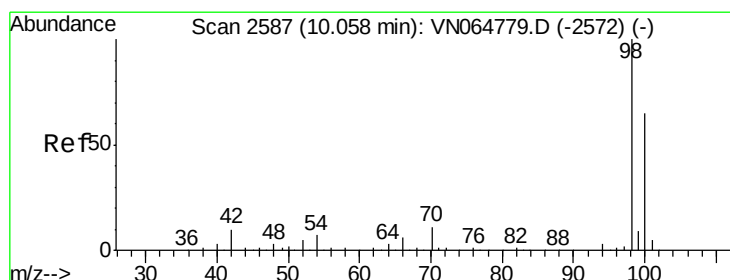
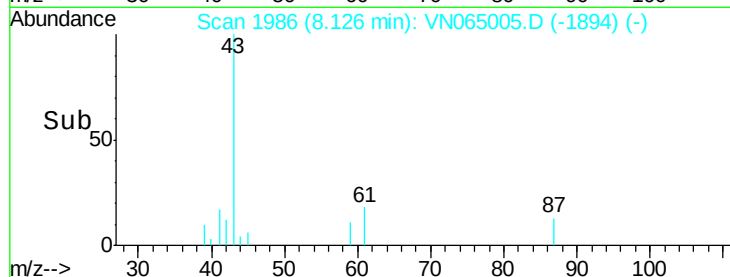
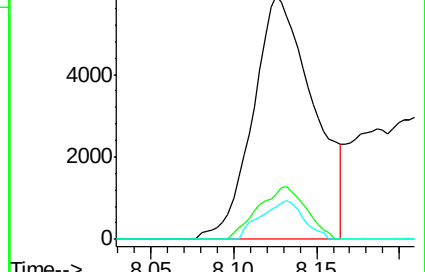
87 11.3 11.4 17.0#



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: 50.987 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN065005.D

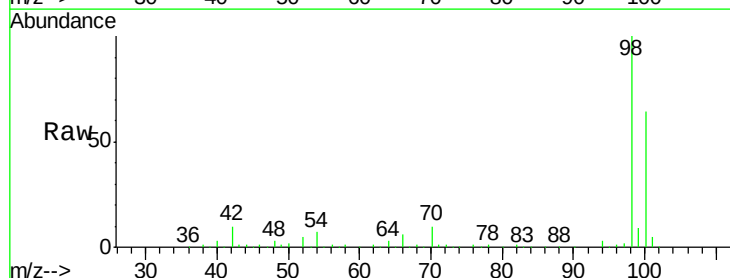
Acq: 9 Dec 2020 6:40

Tgt Ion: 98 Resp: 387494

Ion Ratio Lower Upper

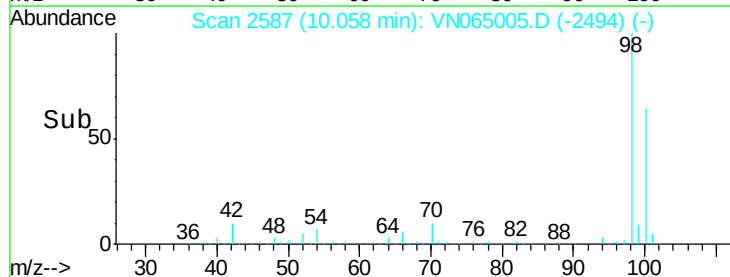
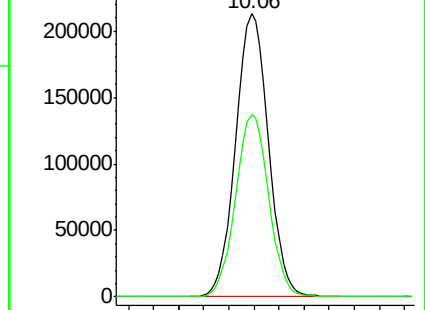
98 100

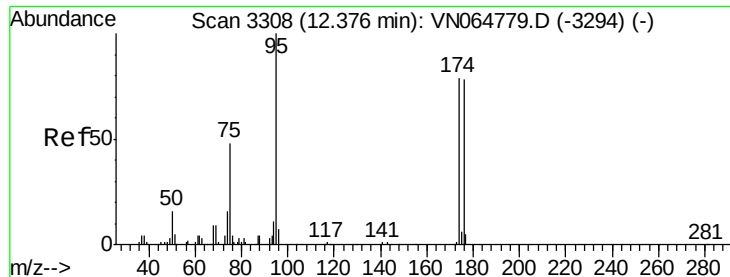
100 65.1 51.7 77.5



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

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

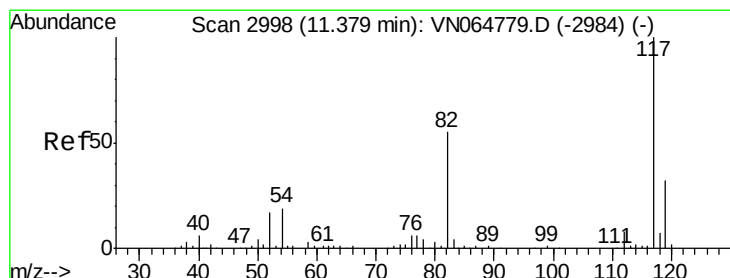
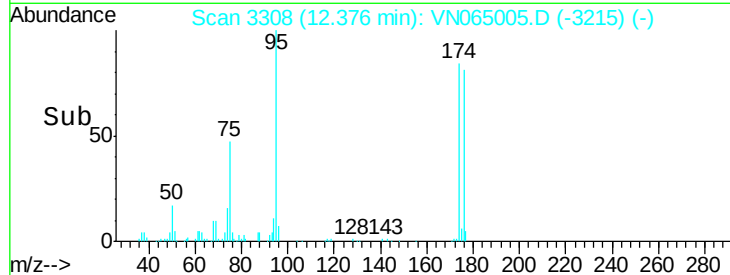
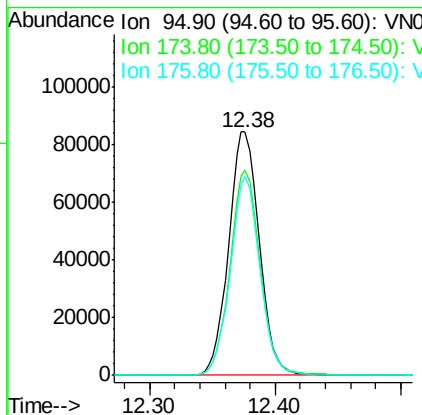
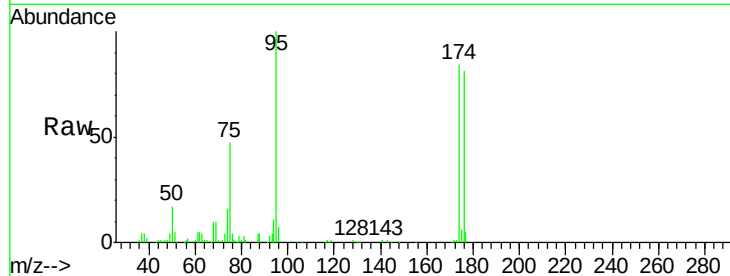




#62
4-Bromofluorobenzene
Concen: 52.847 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN065005.D
Acq: 9 Dec 2020 6:40

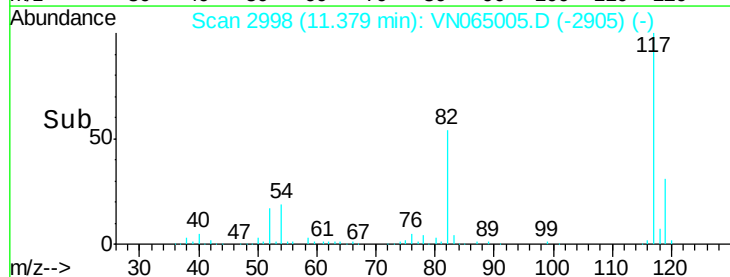
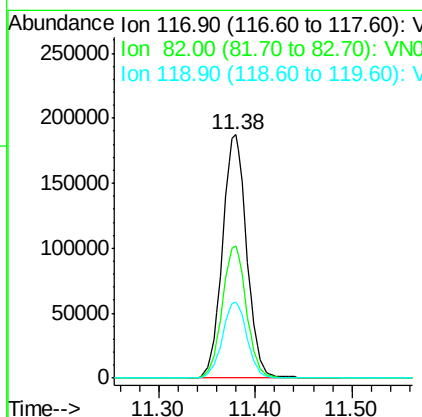
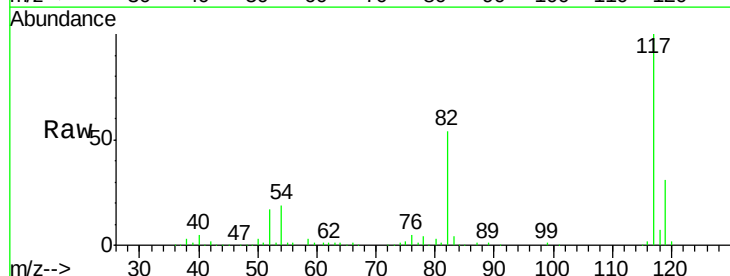
Instrument :
MSVOA_N
ClientSampleId :
4S1-B-BOTTOM

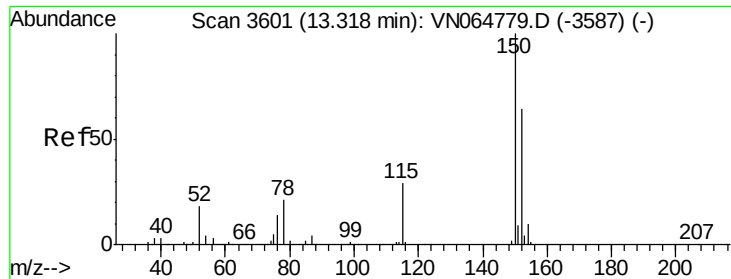
Tot Ion: 95 Resp: 143737
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.4
176 78.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN065005.D
Acq: 9 Dec 2020 6:40

Tgt Ion: 117 Resp: 325691
Ion Ratio Lower Upper
117 100
82 54.2 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: VN065005.D

Acq: 9 Dec 2020 6:40

Instrument :

MSVOA_N

ClientSampleId :

4S1-B-BOTTOM

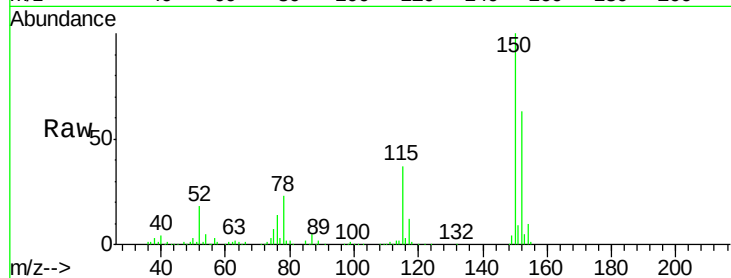
Tot Ion:152 Resp: 135975

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

150 156.8 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

