

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065004.D
 Acq On : 9 Dec 2020 6:16
 Operator : JC/MD
 Sample : L4970-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-B-TOP

Quant Time: Dec 09 08:34:01 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	166237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	341676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142632	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	108304	56.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.08%	
35) Dibromofluoromethane		7.55	113	100684	51.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.82%	
50) Toluene-d8		10.06	98	407308	51.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.80%	
62) 4-Bromofluorobenzene		12.38	95	150670	53.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.24%	

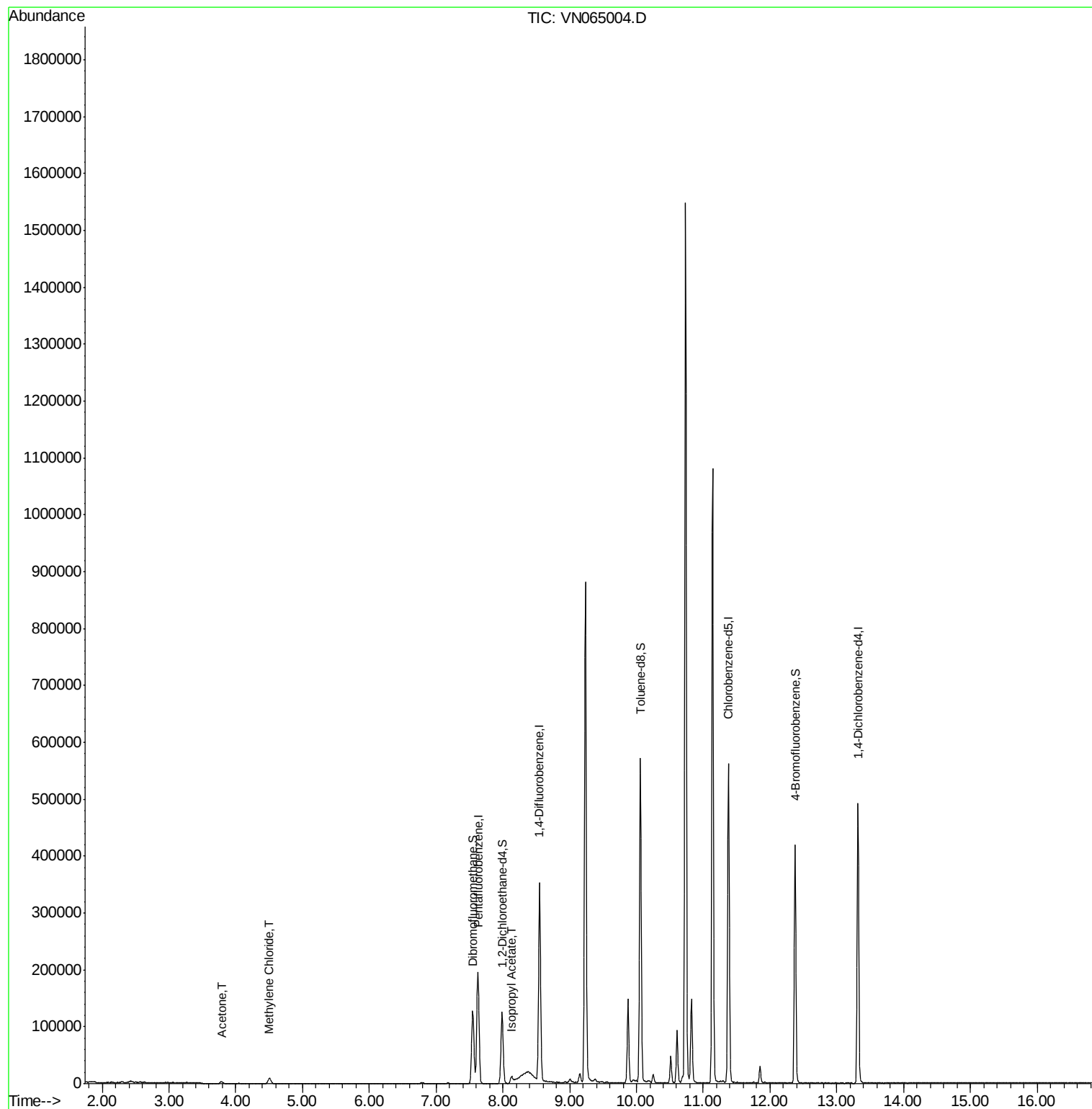
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	6548	10.307	ug/l	95
20) Methylene Chloride	4.50	84	7677	3.856	ug/l	98
43) Isopropyl Acetate	8.13	43	18789	4.035	ug/l #	90

(#) = 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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065004.D

Acq: 9 Dec 2020 6:16

Instrument :

MSVOA_N

ClientSampleId :

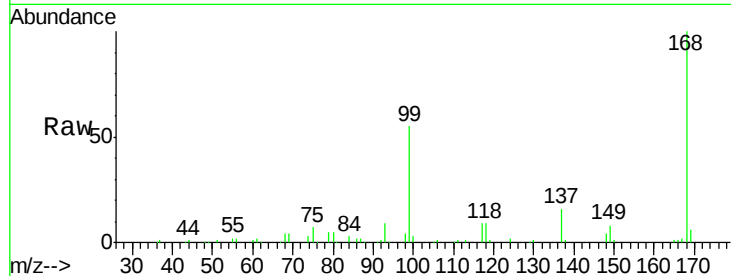
4S1-B-TOP

Tot Ion:168 Resp: 166237

Ion Ratio Lower Upper

168 100

99 55.4 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) (-)

7.63

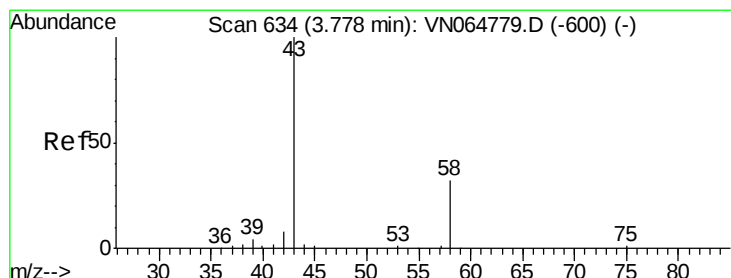
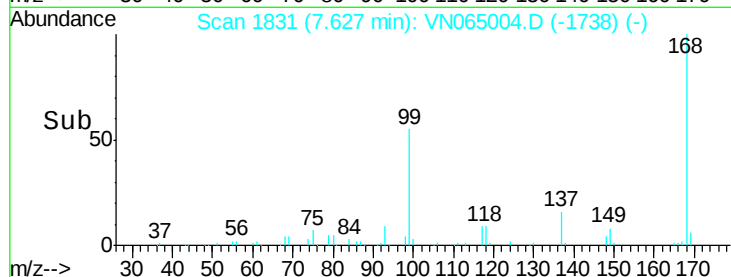
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.307 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065004.D

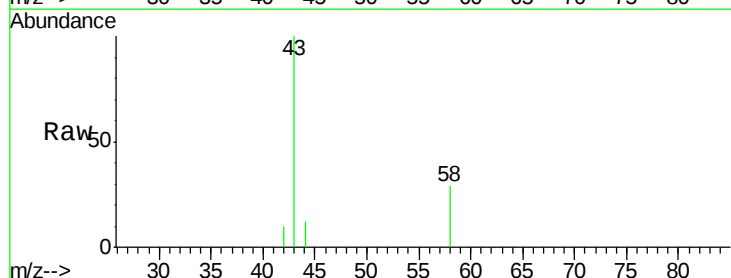
Acq: 9 Dec 2020 6:16

Tgt Ion: 43 Resp: 6548

Ion Ratio Lower Upper

43 100

58 29.2 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

2500

2000

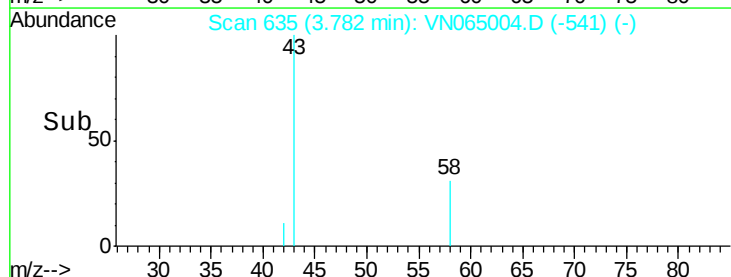
1500

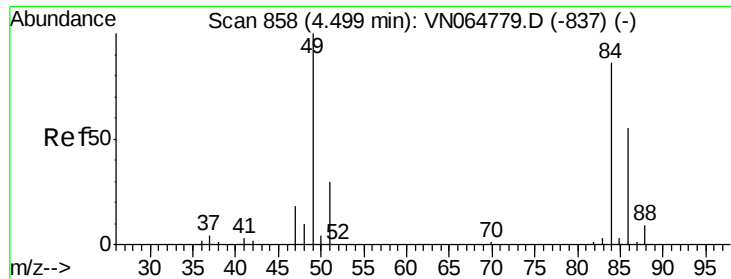
1000

500

0

Time-->

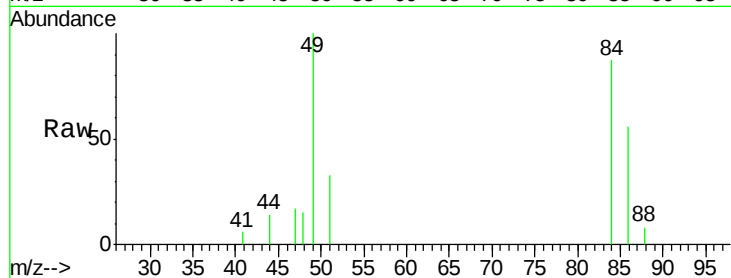




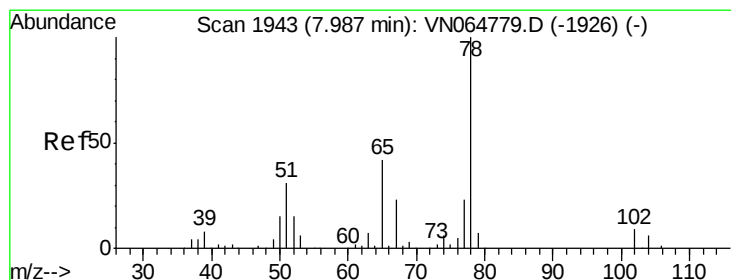
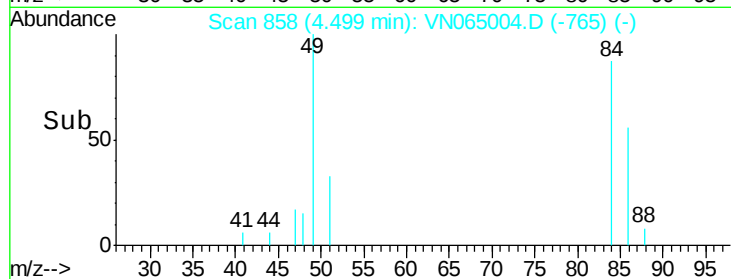
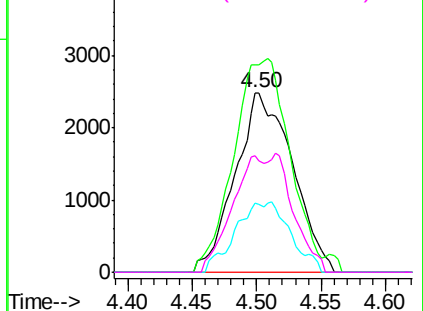
#20
Methylene Chloride
Concen: 3.856 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN065004.D
Acq: 9 Dec 2020 6:16

Instrument :
MSVOA_N
ClientSampled :
4S1-B-TOP

Tot Ion: 84 Resp: 7677
Ion Ratio Lower Upper
84 100
49 115.5 93.4 140.0
51 38.5 28.2 42.4
86 64.8 51.7 77.5

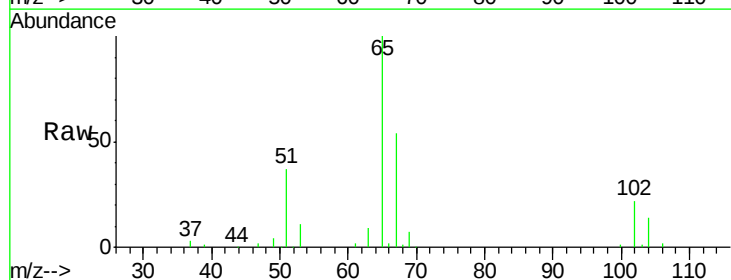


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

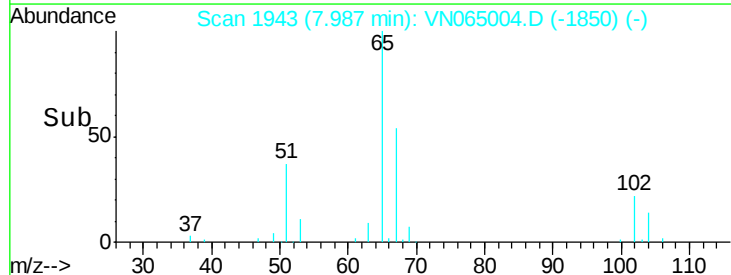
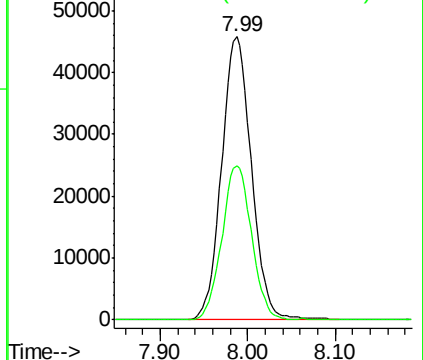


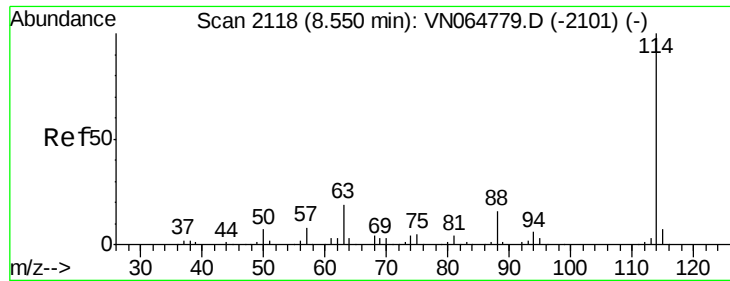
#33
1,2-Dichloroethane-d4
Concen: 56.040 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065004.D
Acq: 9 Dec 2020 6:16

Tgt Ion: 65 Resp: 108304
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2



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

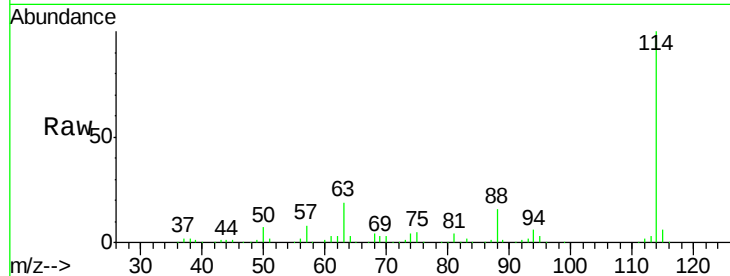




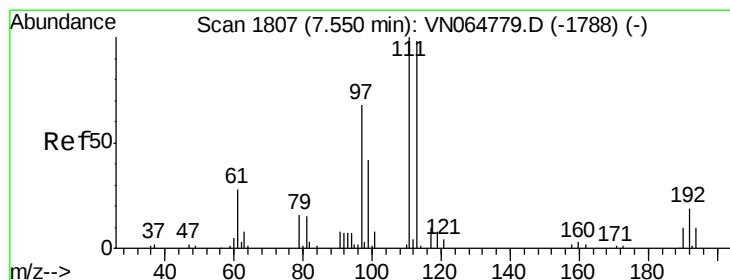
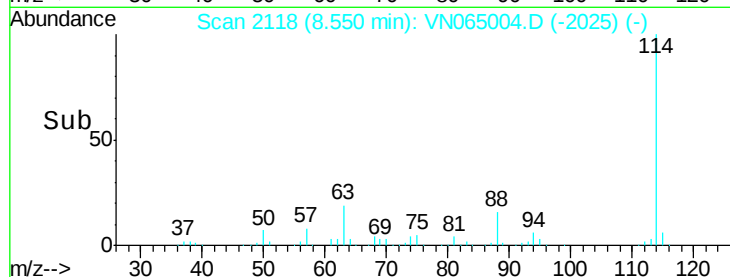
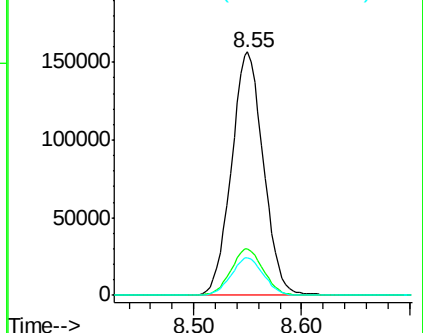
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065004.D
 Acq: 9 Dec 2020 6:16

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-B-TOP

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.5	0.0	32.6

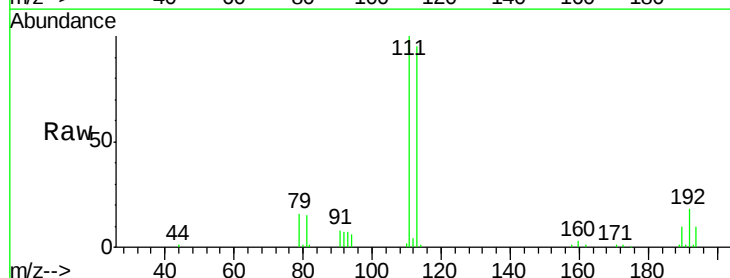


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

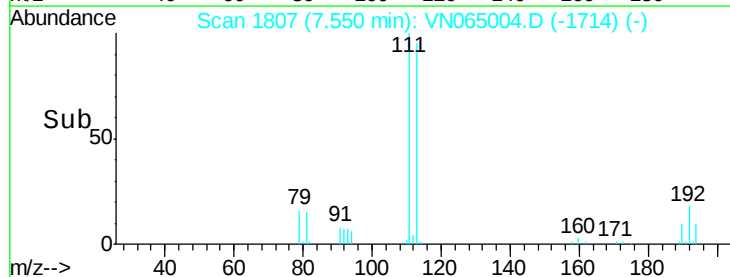
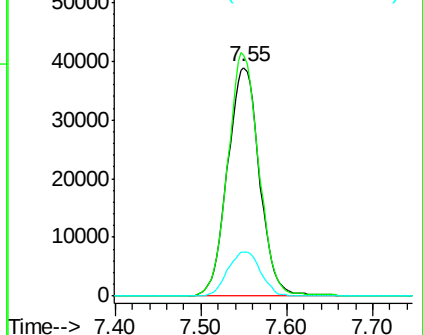


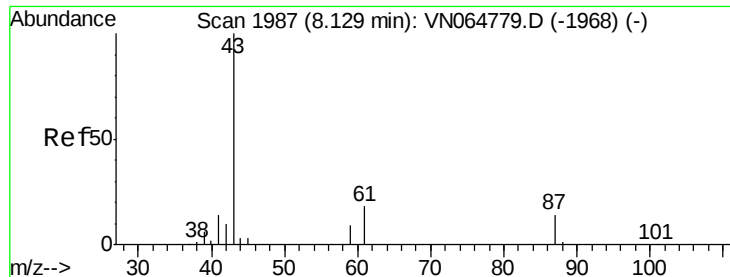
#35
 Dibromofluoromethane
 Concen: 51.910 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN065004.D
 Acq: 9 Dec 2020 6:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	19.8	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: 4.035 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065004.D

Acq: 9 Dec 2020 6:16

Instrument :

MSVOA_N

ClientSampleId :

4S1-B-TOP

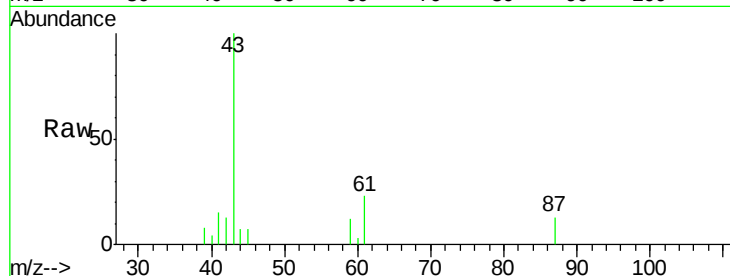
Tot Ion: 43 Resp: 18789

Ion Ratio Lower Upper

43 100

61 16.7 17.2 25.8#

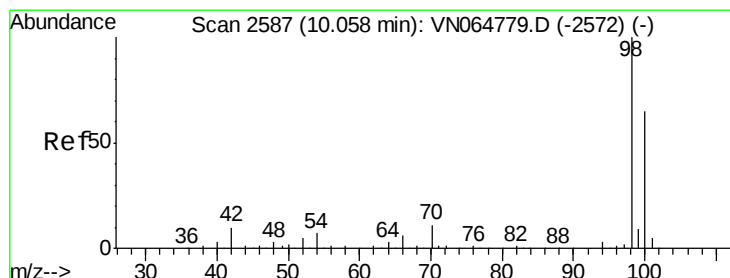
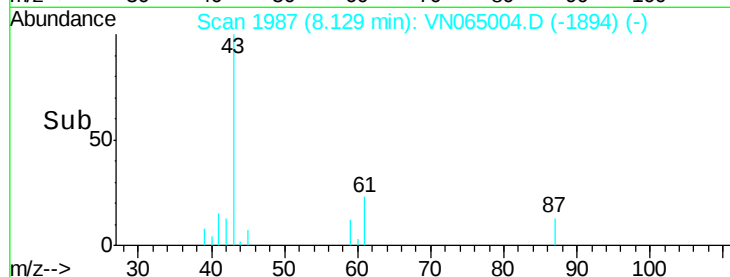
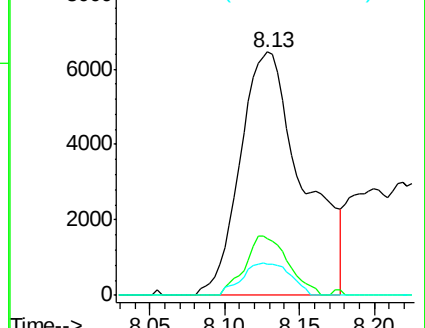
87 10.2 11.4 17.0#



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: 51.396 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065004.D

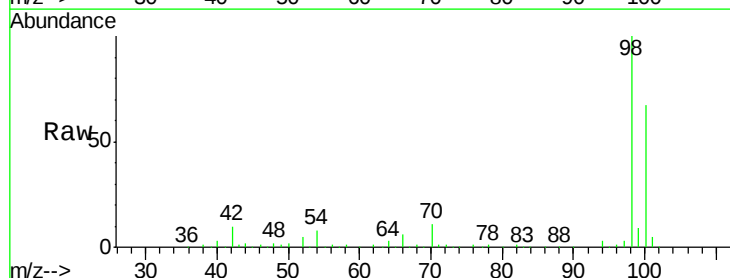
Acq: 9 Dec 2020 6:16

Tgt Ion: 98 Resp: 407308

Ion Ratio Lower Upper

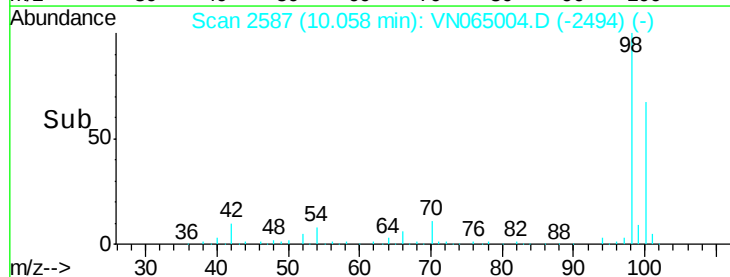
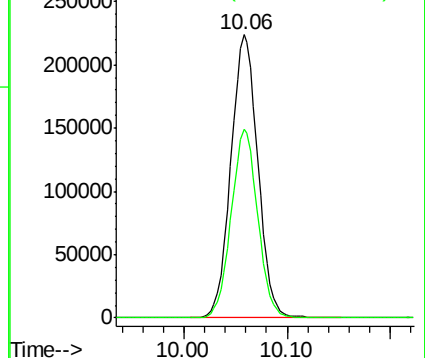
98 100

100 65.5 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) (-)

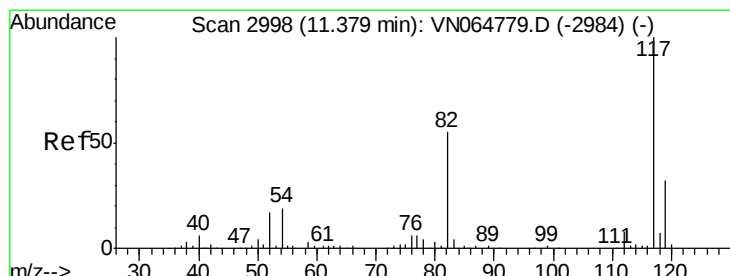
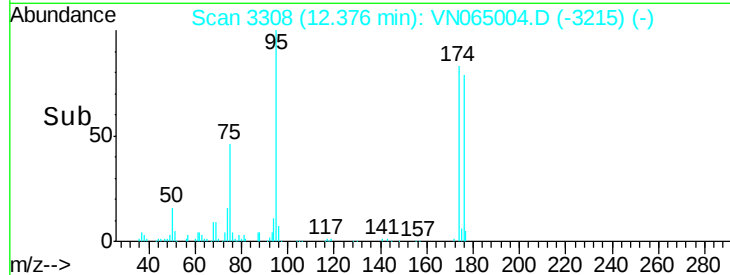
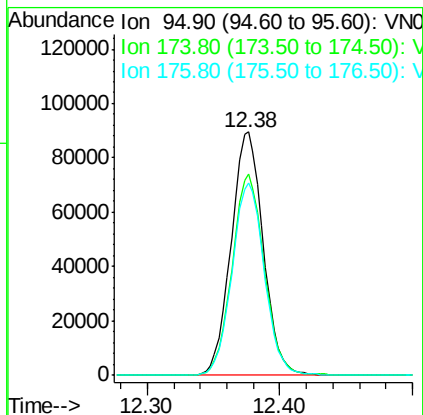
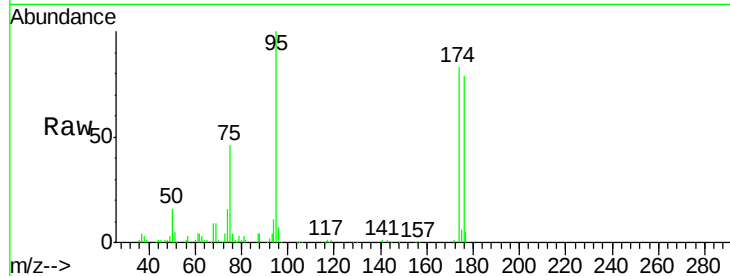




#62
4-Bromofluorobenzene
Concen: 53.124 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065004.D
Acq: 9 Dec 2020 6:16

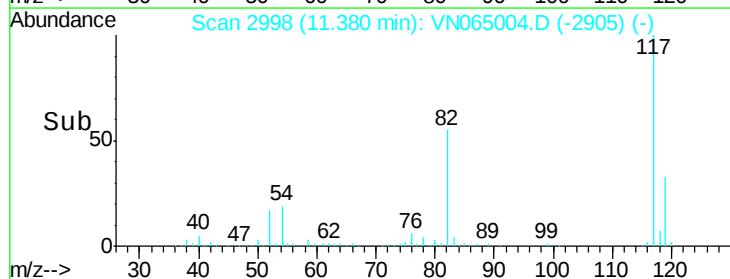
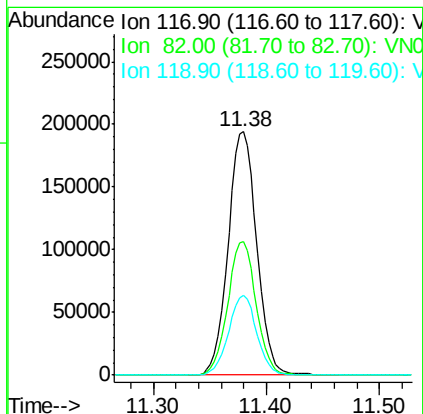
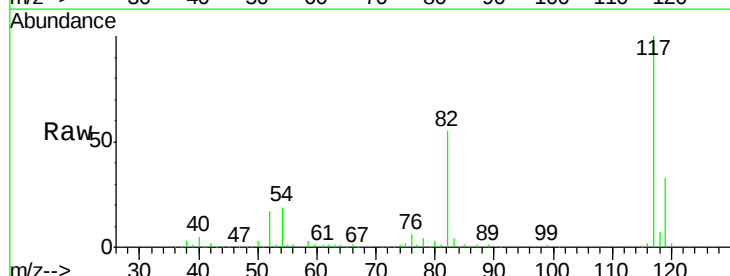
Instrument :
MSVOA_N
ClientSampleId :
4S1-B-TOP

Tot Ion: 95 Resp: 150670
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.4
176 79.5 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: VN065004.D
Acq: 9 Dec 2020 6:16

Tgt Ion: 117 Resp: 341676
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.8 25.8 38.6

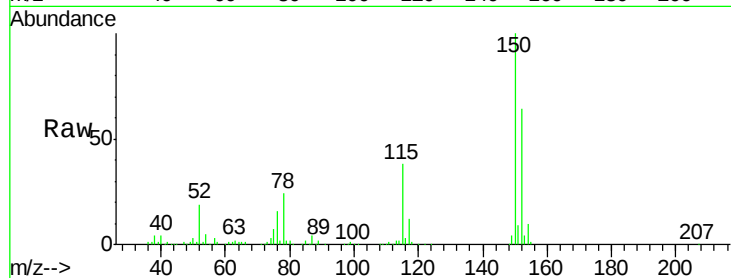




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VN065004.D
 Acq: 9 Dec 2020 6:16

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-B-TOP

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	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

