

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064904.D
 Acq On : 3 Dec 2020 17:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 04 04:20:33 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

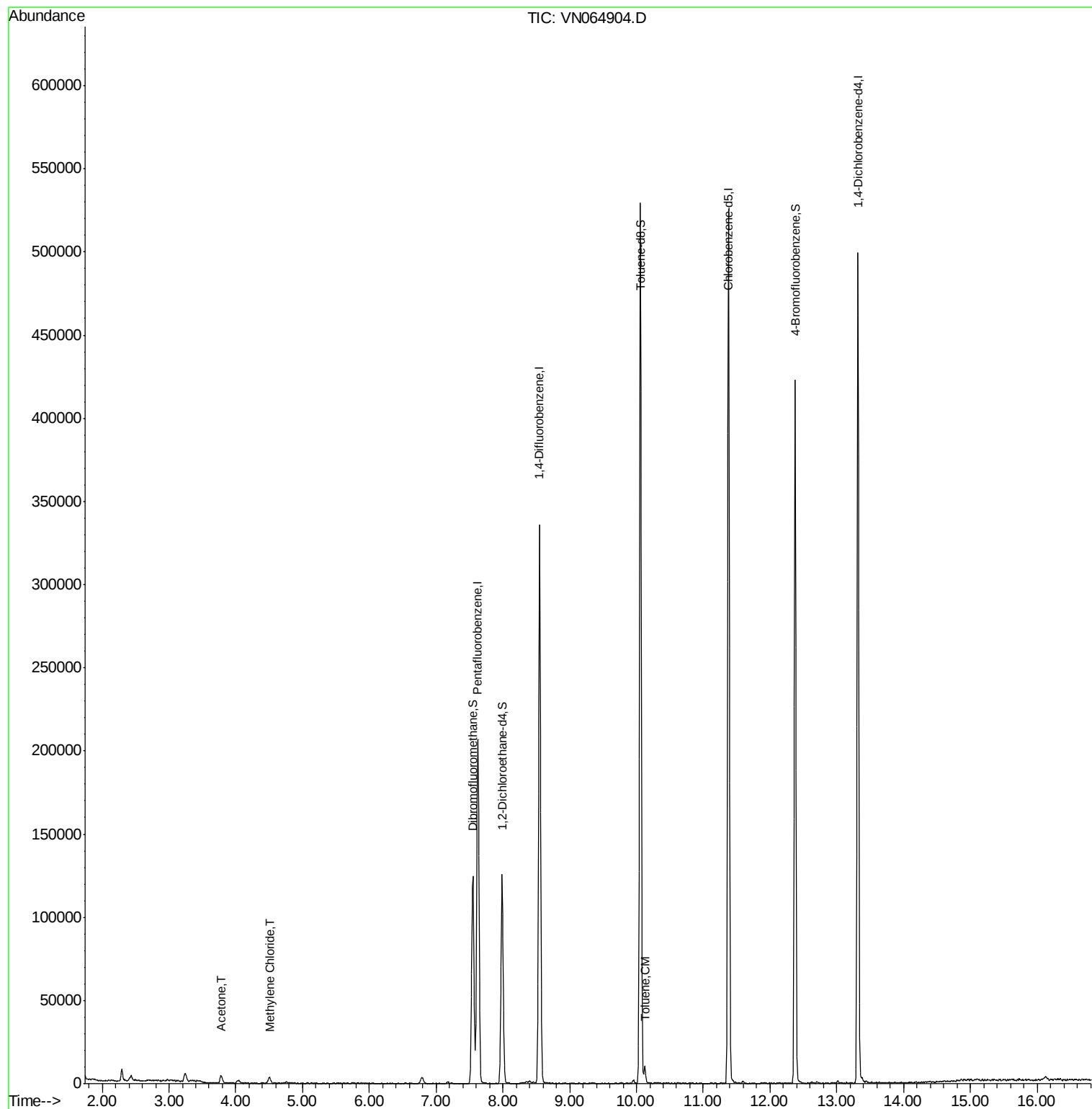
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	322226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106138	50.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	101.90%	
35) Dibromofluoromethane	7.55	113	96778	51.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	102.56%	
50) Toluene-d8	10.06	98	387454	50.24	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	150862	54.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	109.32%	
Target Compounds						
16) Acetone	3.78	43	7870	11.492	ug/l	94
20) Methylene Chloride	4.51	84	2904	1.353	ug/l #	93
52) Toluene	10.12	92	4322	0.783	ug/l	95

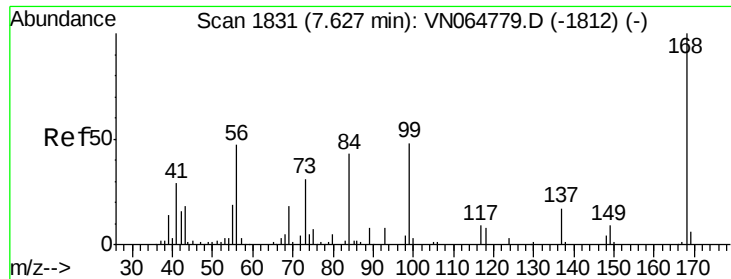
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampled :

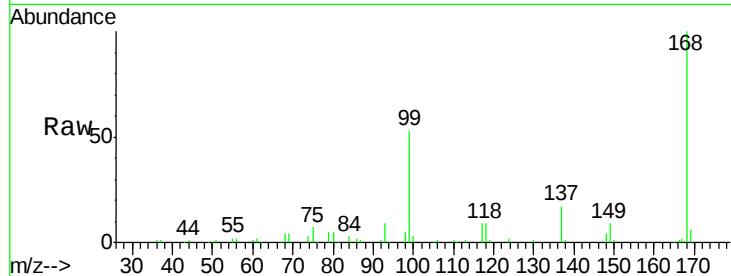
IBLK

Tot Ion:168 Resp: 179199

Ion Ratio Lower Upper

168 100

99 52.8 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

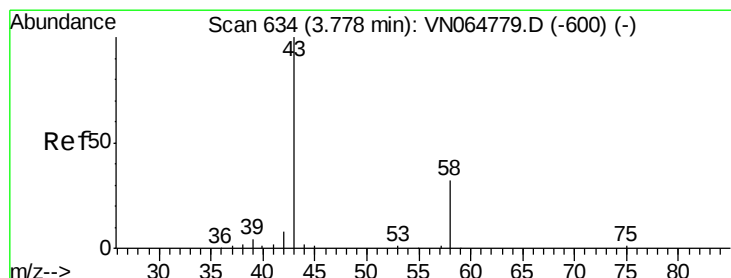
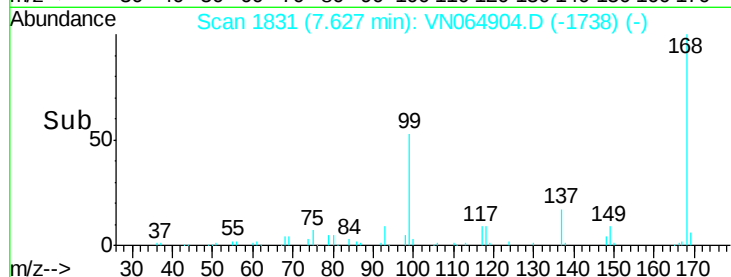
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.492 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064904.D

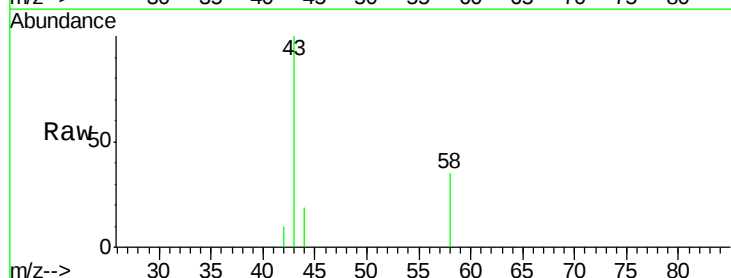
Acq: 3 Dec 2020 17:02

Tgt Ion: 43 Resp: 7870

Ion Ratio Lower Upper

43 100

58 35.4 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

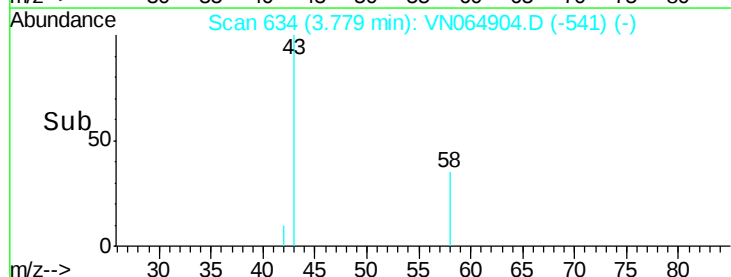
3000

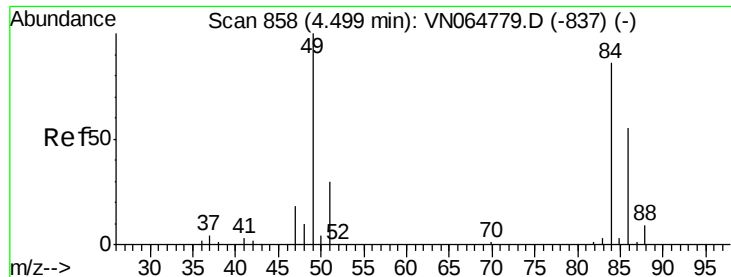
2000

1000

0

Time-->

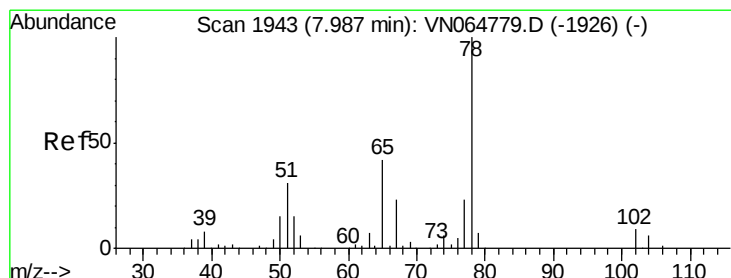
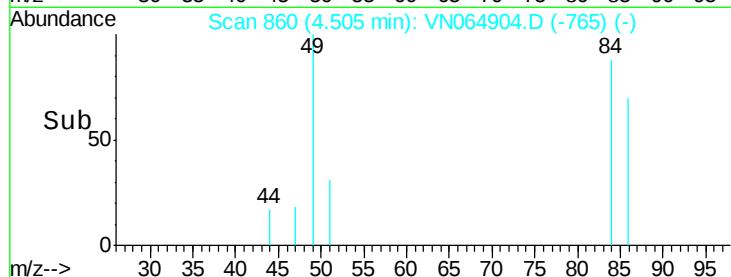
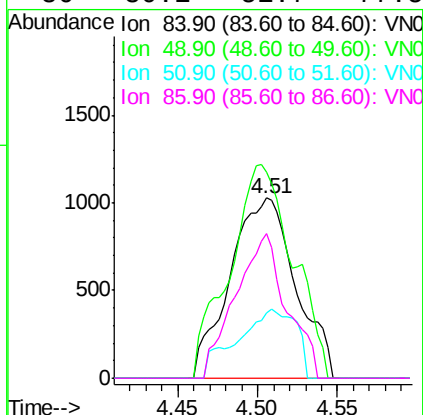
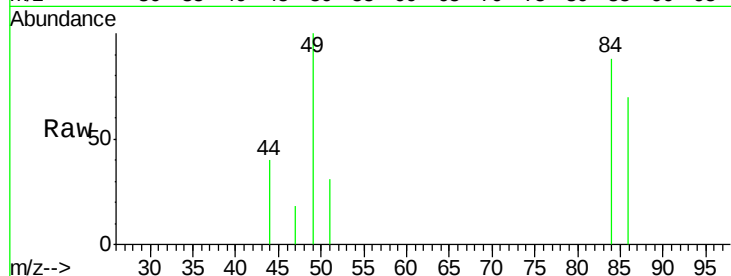




#20
Methylene Chloride
Concen: 1.353 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:02

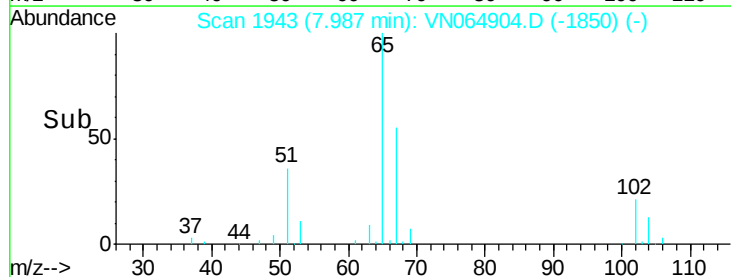
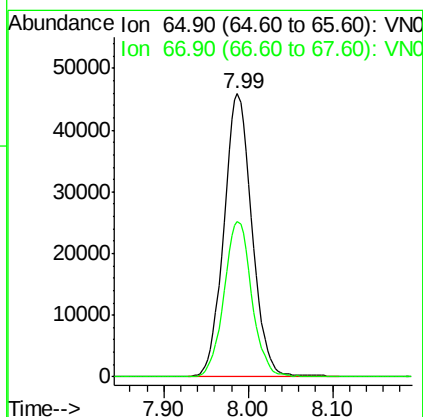
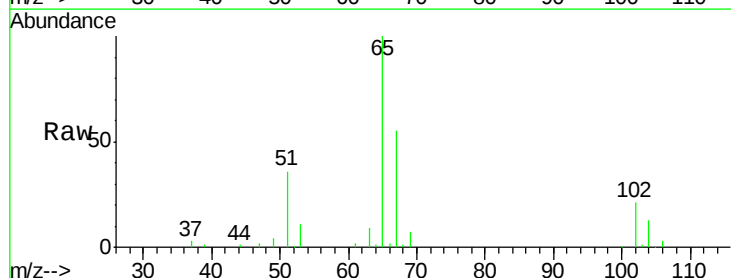
Instrument :
MSVOA_N
ClientSampled :
IBLK

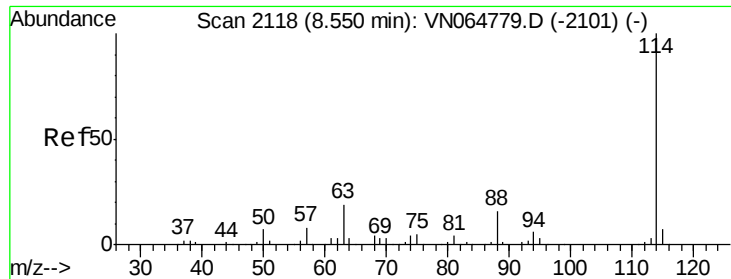
Tot Ion: 84 Resp: 2904
Ion Ratio Lower Upper
84 100
49 114.1 93.4 140.0
51 35.9 28.2 42.4
86 80.1 51.7 77.5#



#33
1,2-Dichloroethane-d4
Concen: 50.947 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:02

Tgt Ion: 65 Resp: 106138
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.2

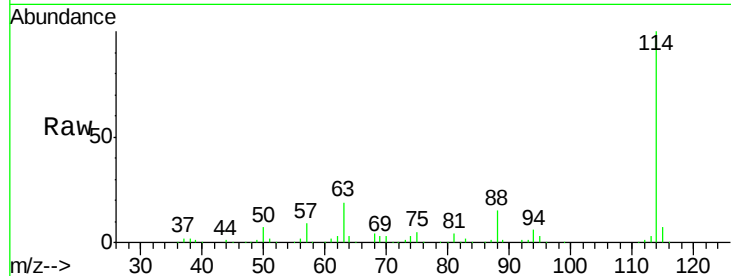




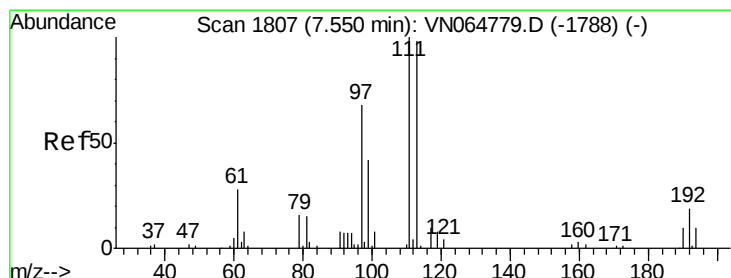
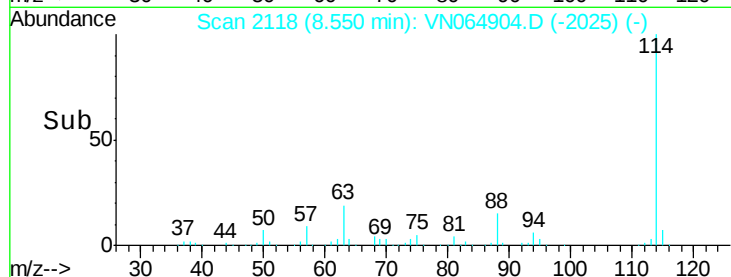
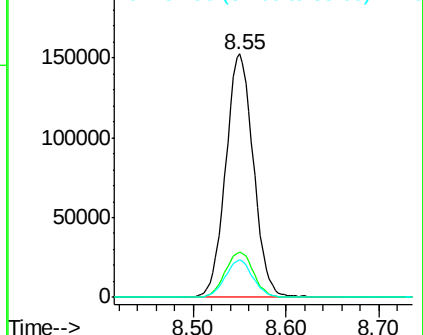
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.6
88	15.3	0.0	32.6

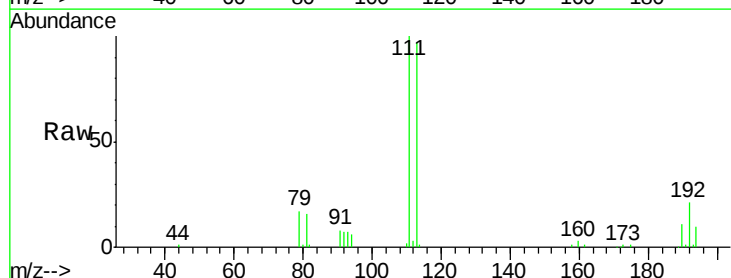


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

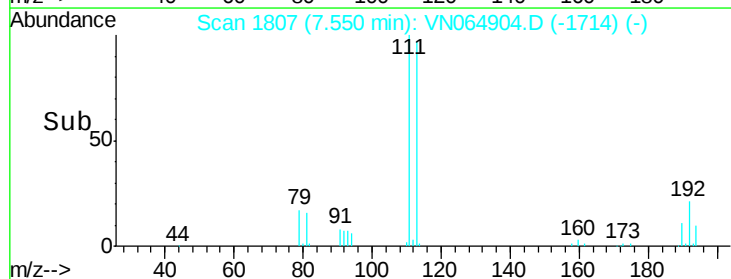
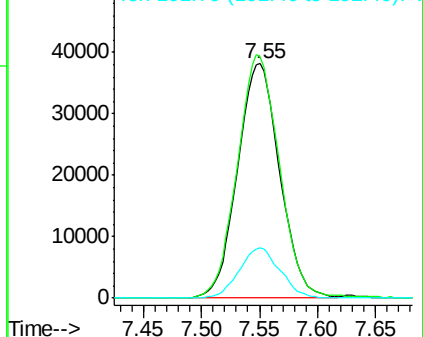


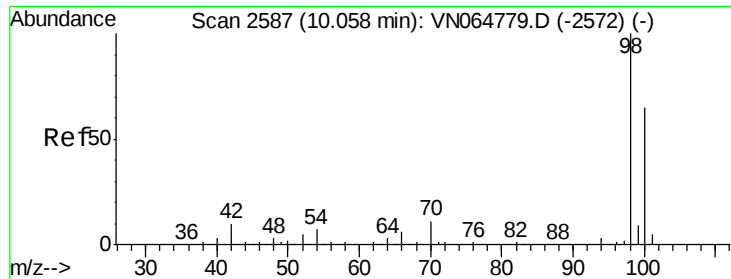
#35
Dibromofluoromethane
Concen: 51.278 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.6	122.4
192	20.6	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





#50

Toluene-d8

Concen: 50.244 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064904.D

Acq: 3 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampled :

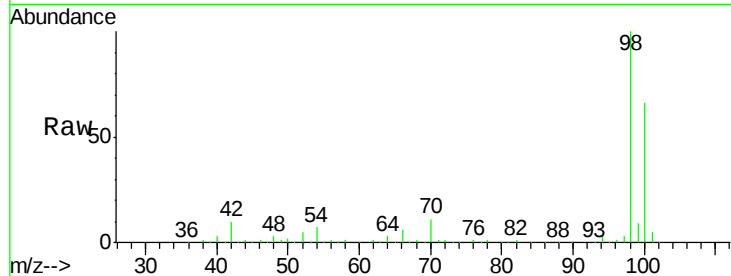
IBLK

Tot Ion: 98 Resp: 387454

Ion Ratio Lower Upper

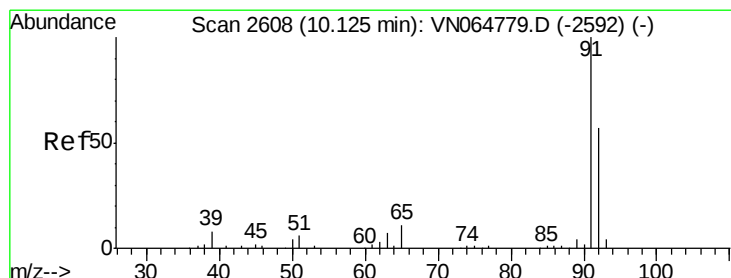
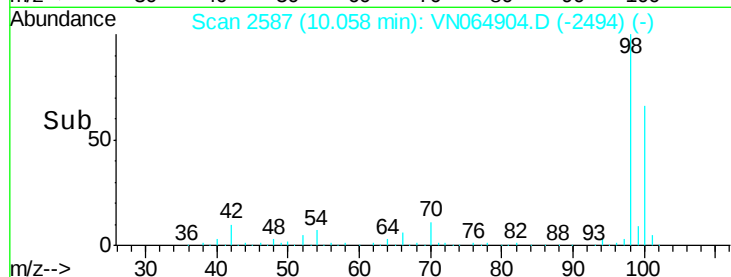
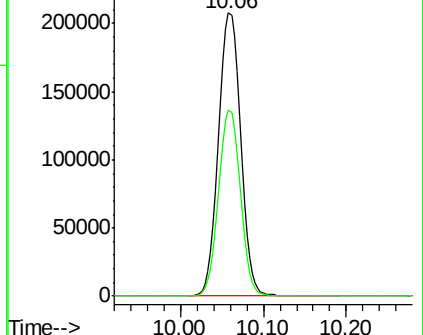
98 100

100 64.4 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) (-)



#52

Toluene

Concen: 0.783 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064904.D

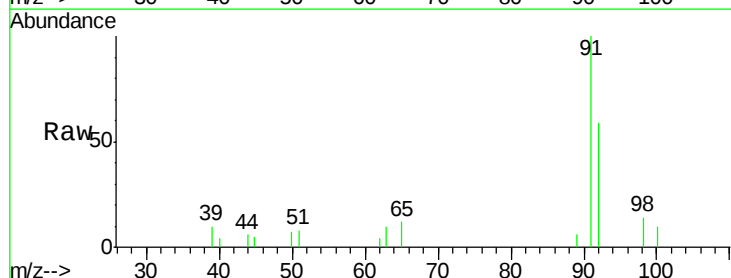
Acq: 3 Dec 2020 17:02

Tgt Ion: 92 Resp: 4322

Ion Ratio Lower Upper

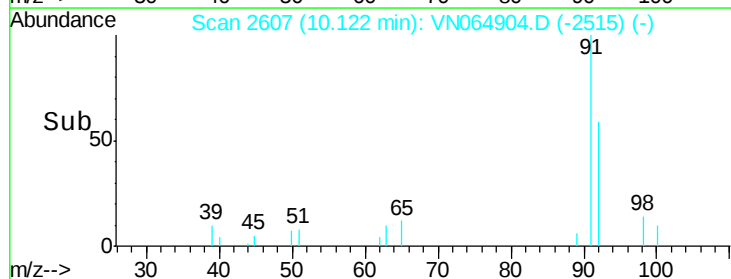
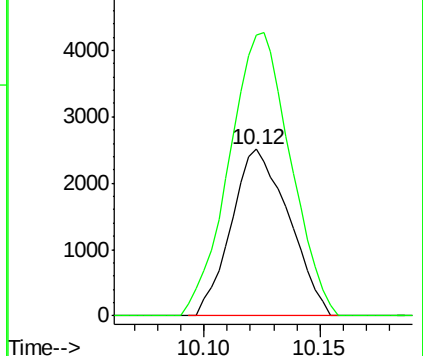
92 100

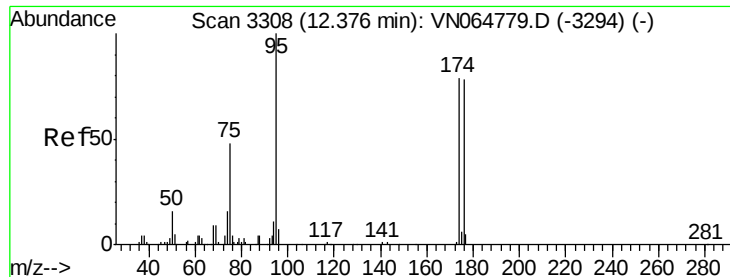
91 181.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

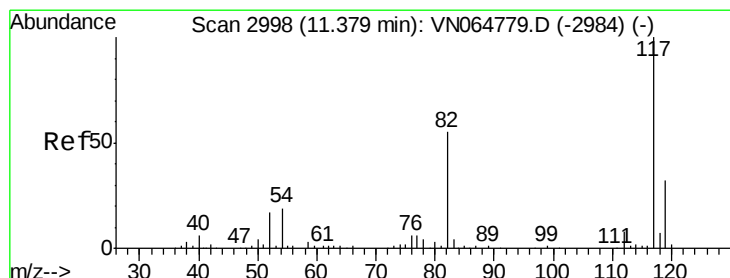
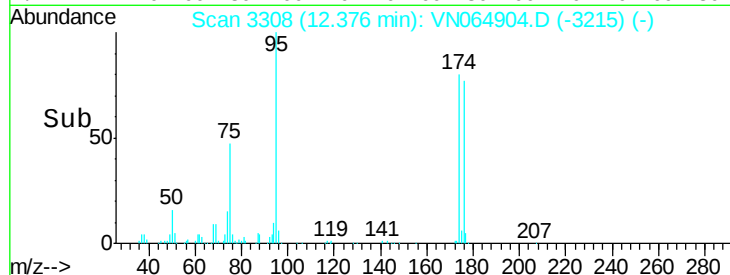
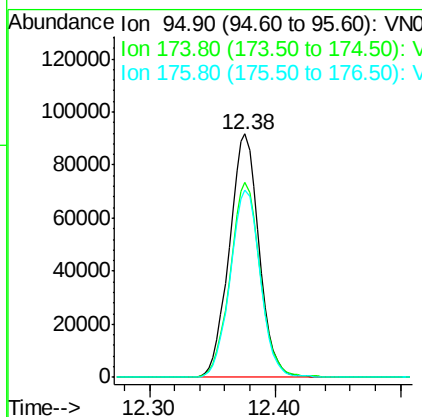
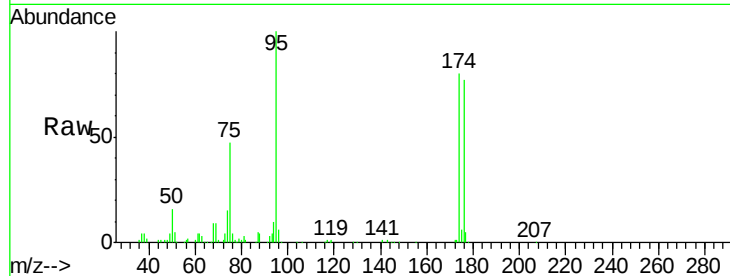




#62
4-Bromofluorobenzene
Concen: 54.665 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:02

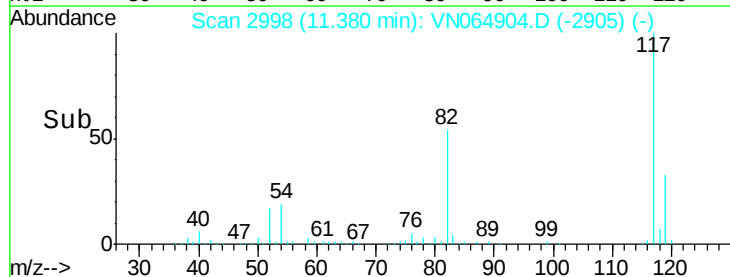
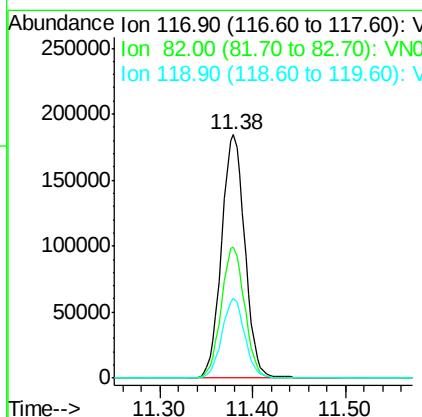
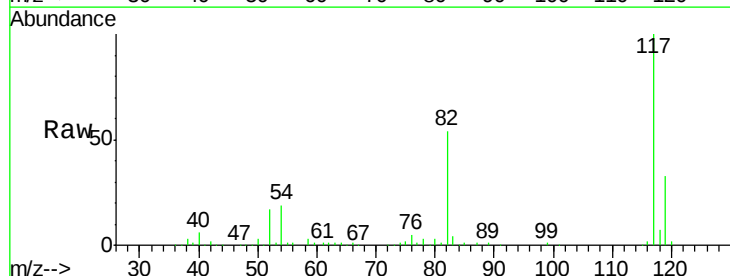
Instrument :
MSVOA_N
ClientSampleId :
IBLK

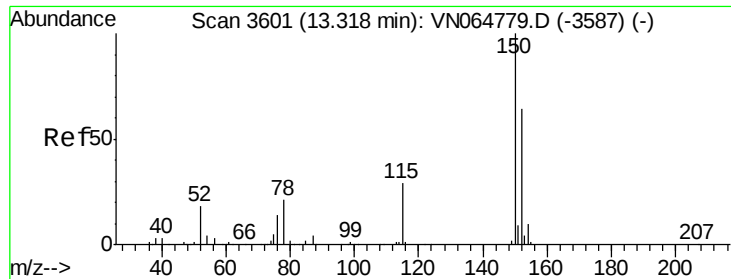
Tot Ion: 95 Resp: 150862
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.4
176 77.9 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064904.D
Acq: 3 Dec 2020 17:02

Tgt Ion: 117 Resp: 322226
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.9 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: VN064904.D

Acq: 3 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

IBLK

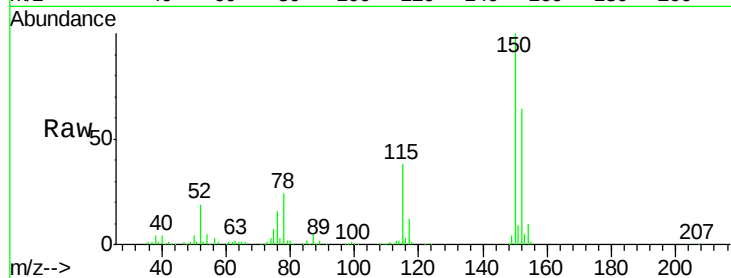
Tot Ion:152 Resp: 141153

Ion Ratio Lower Upper

152 100

115 59.2 29.7 89.1

150 158.7 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

