

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064837.D
 Acq On : 25 Nov 2020 2:42
 Operator : JC/MD
 Sample : L4798-11DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 91BR-20201118DL

Quant Time: Nov 25 06:38:09 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	161825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	287595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	128997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	97387	51.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	103.54%		
35) Dibromofluoromethane	7.55	113	90564	53.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.58%		
50) Toluene-d8	10.06	98	346906	50.42	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.84%		
62) 4-Bromofluorobenzene	12.38	95	133475	54.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.42%		

Target Compounds

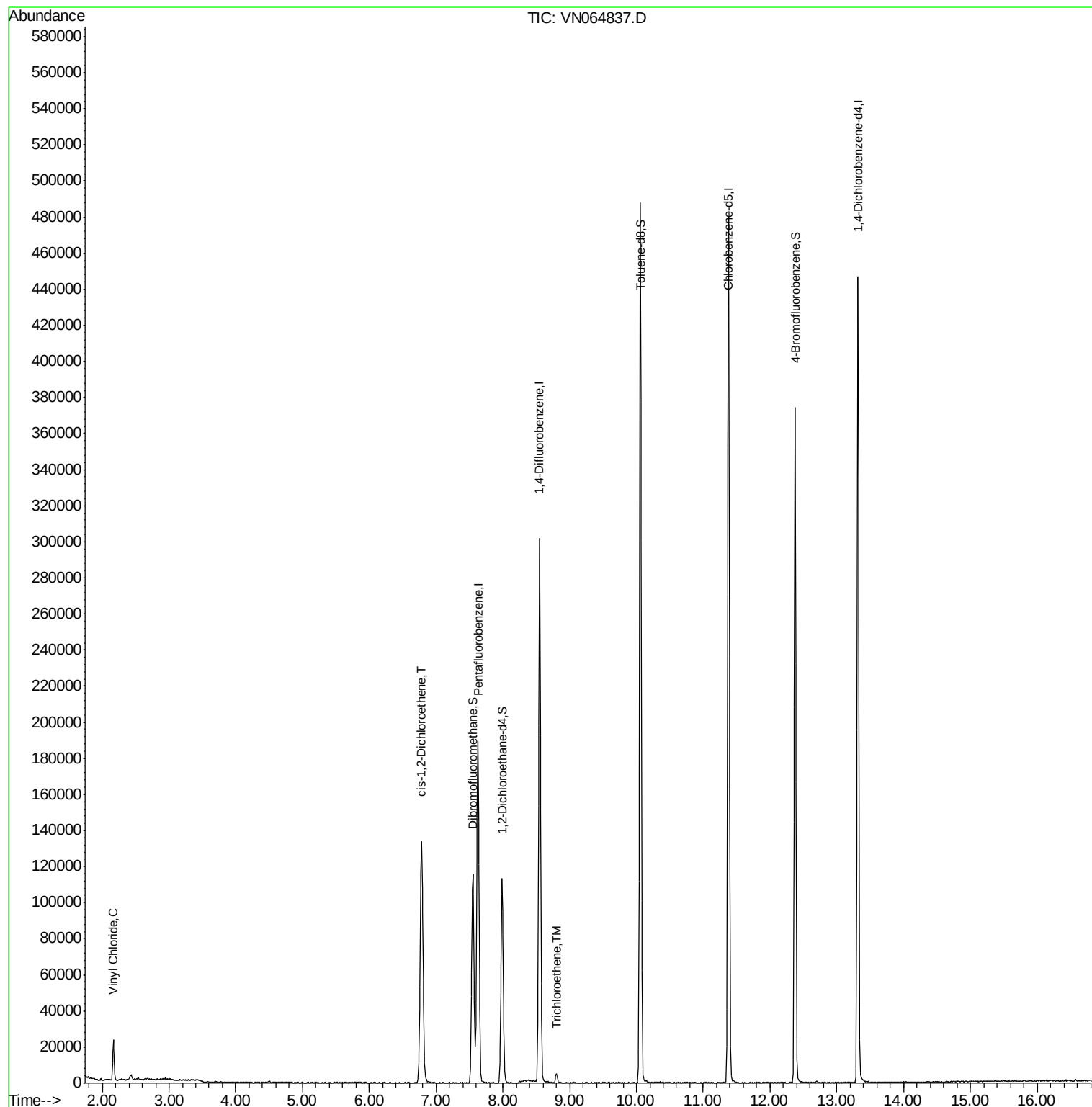
					Qvalue
4) Vinyl Chloride	2.17	62	20840	10.968 ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	91716	46.773 ug/l	89
44) Trichloroethene	8.80	130	2230	0.946 ug/l	98

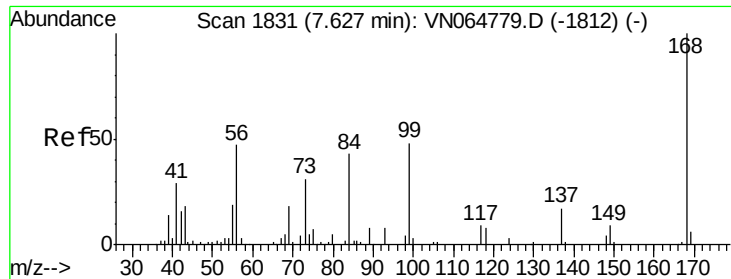
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064837.D

Acq: 25 Nov 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

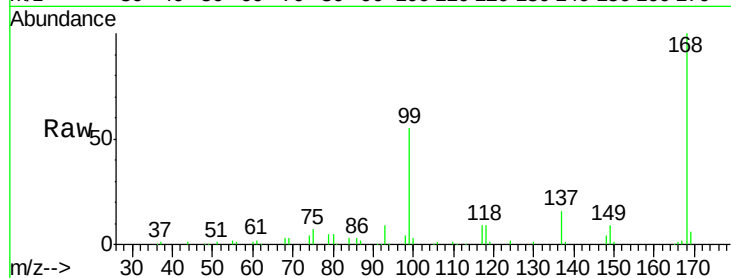
91BR-20201118DL

Tot Ion:168 Resp: 161825

Ion Ratio Lower Upper

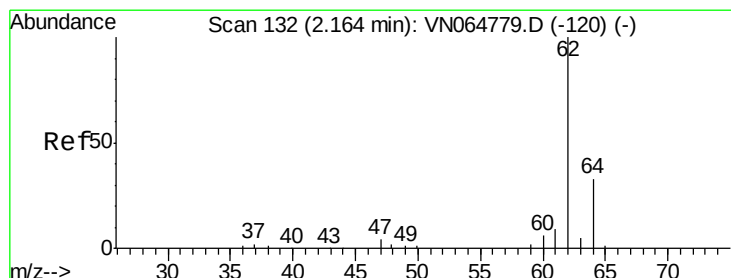
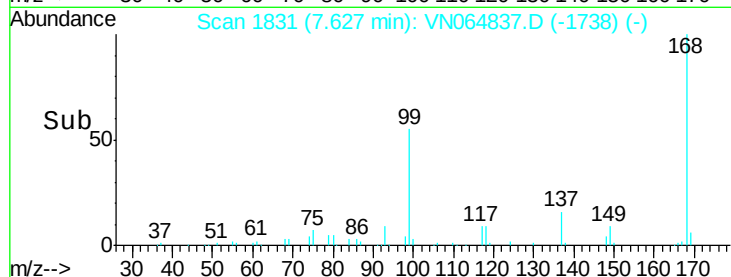
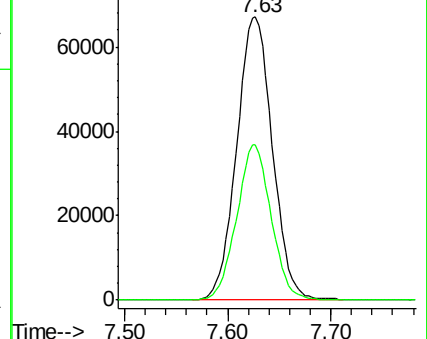
168 100

99 54.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 10.968 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064837.D

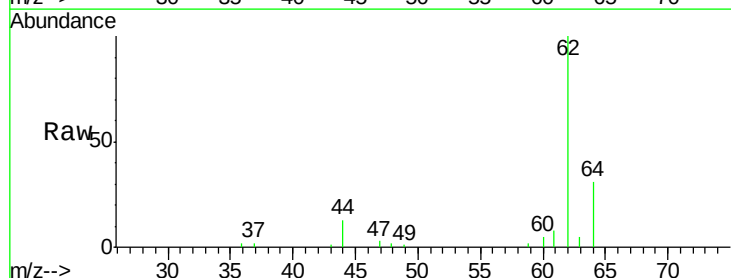
Acq: 25 Nov 2020 2:42

Tgt Ion: 62 Resp: 20840

Ion Ratio Lower Upper

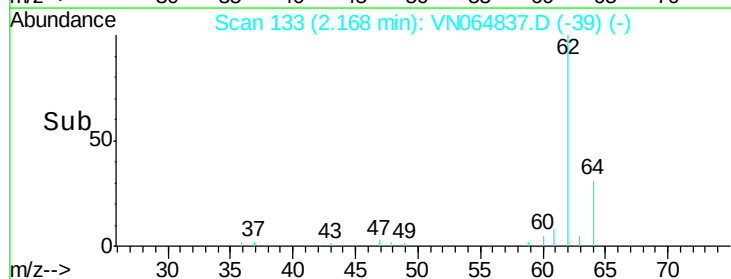
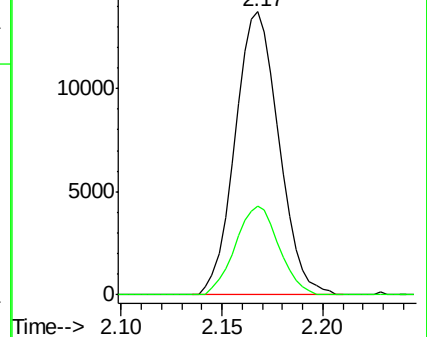
62 100

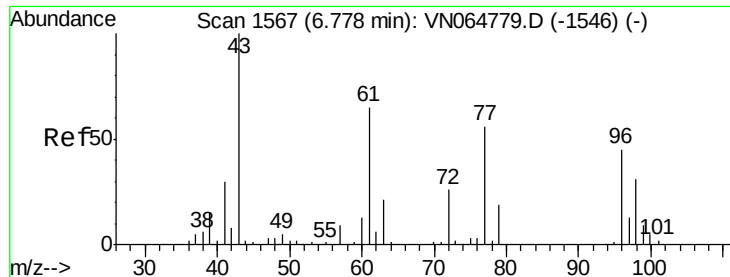
64 31.2 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 46.773 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064837.D

Acq: 25 Nov 2020 2:42

Instrument :

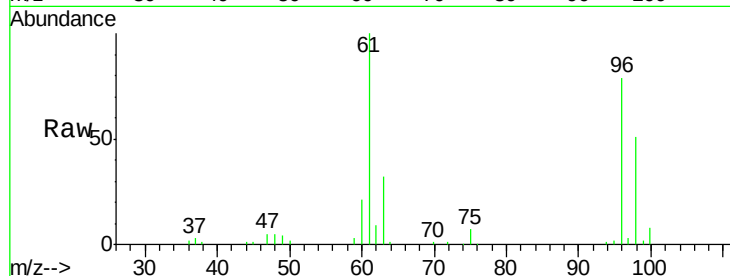
MSVOA_N

ClientSampleId :

91BR-20201118DL

Tot Ion: 96 Resp: 91716

Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	285.8
98	64.0	0.0	130.6

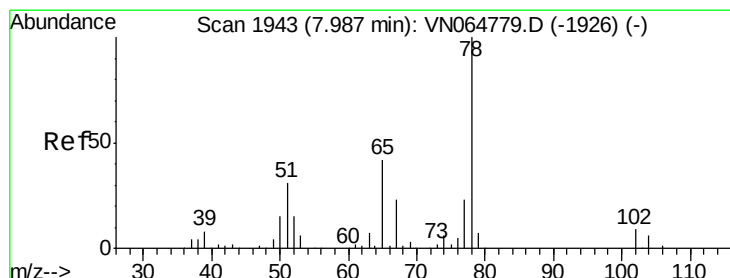
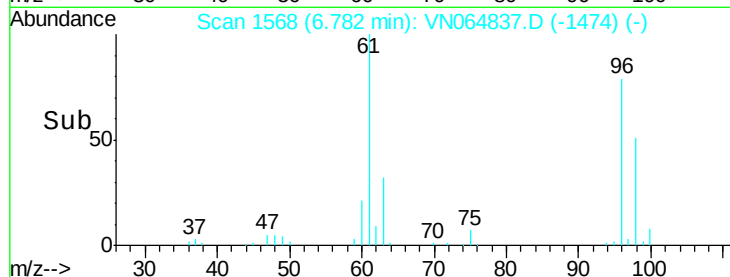
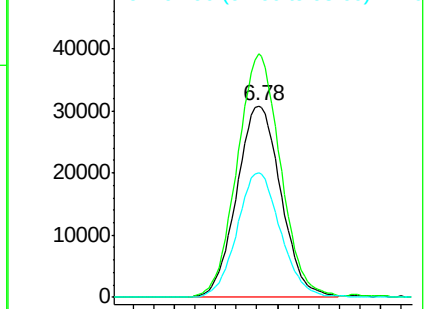


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.765 ug/l

RT: 7.99 min Scan# 1943

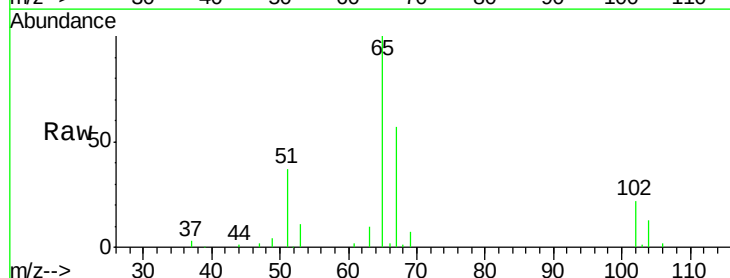
Delta R.T. 0.00 min

Lab File: VN064837.D

Acq: 25 Nov 2020 2:42

Tgt Ion: 65 Resp: 97387

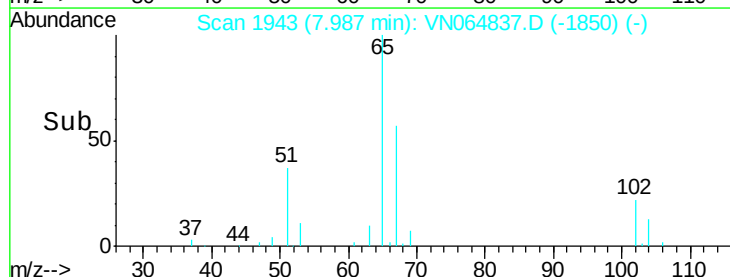
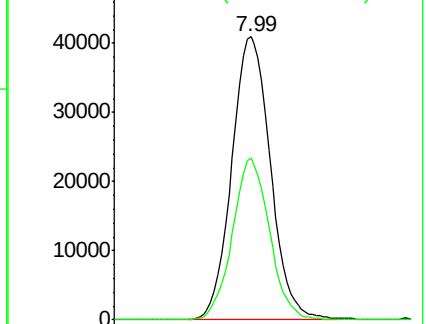
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.2

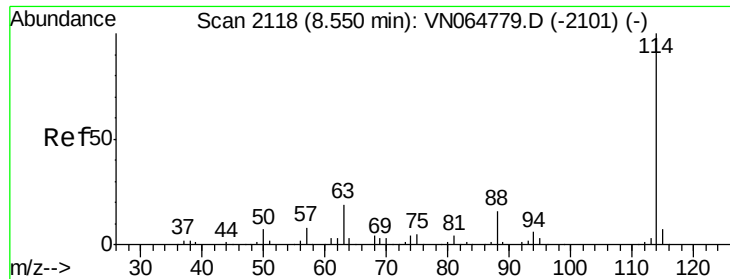


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

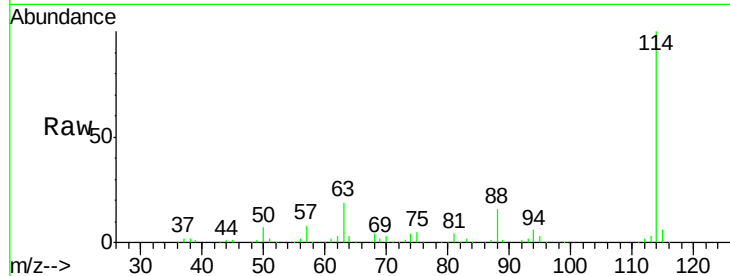




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064837.D
Acq: 25 Nov 2020 2:42

Instrument :
MSVOA_N
ClientSampleId :
91BR-20201118DL

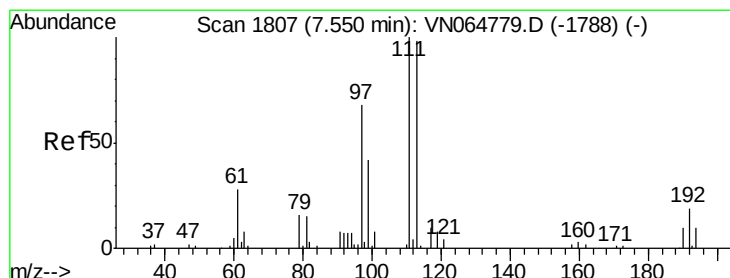
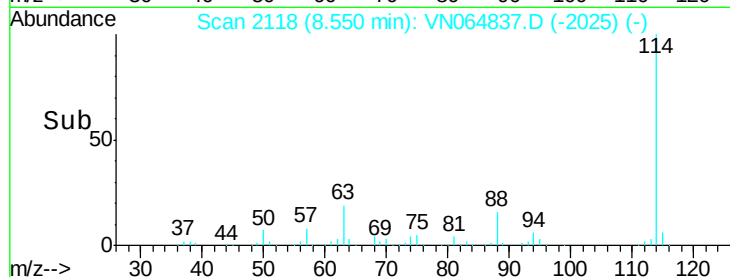
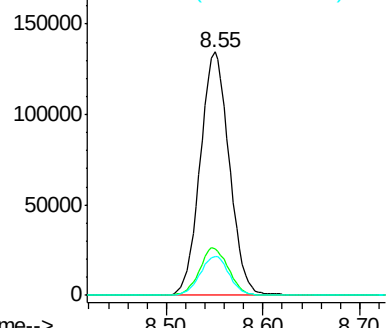
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	15.9	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

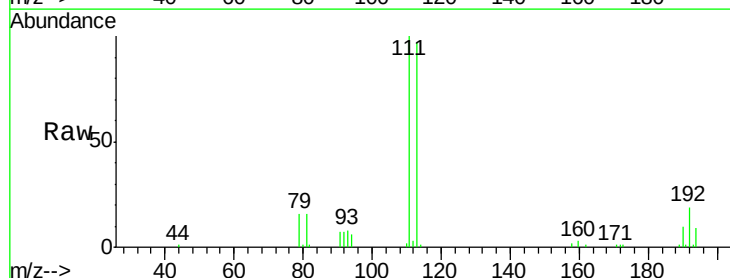
Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35
Dibromofluoromethane
Concen: 53.786 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064837.D
Acq: 25 Nov 2020 2:42

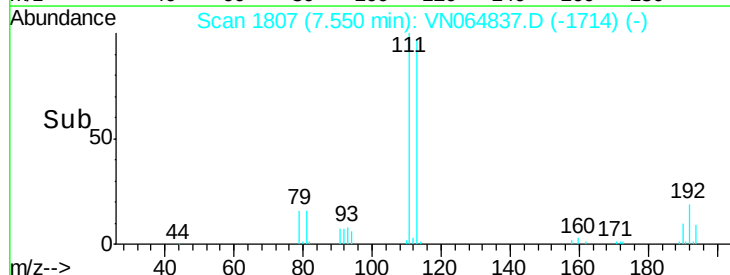
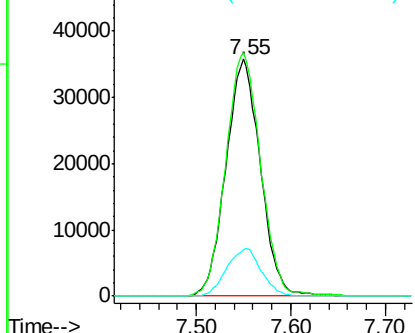
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.6	122.4
192	20.1	16.2	24.2

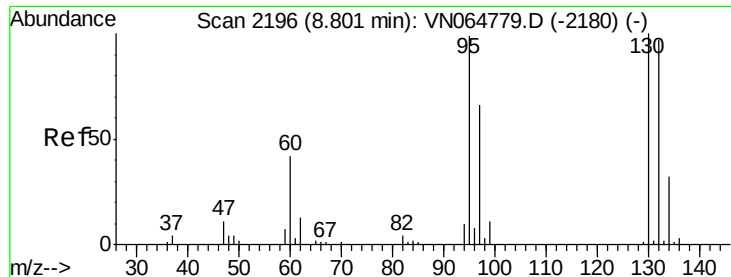


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.946 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064837.D

Acq: 25 Nov 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

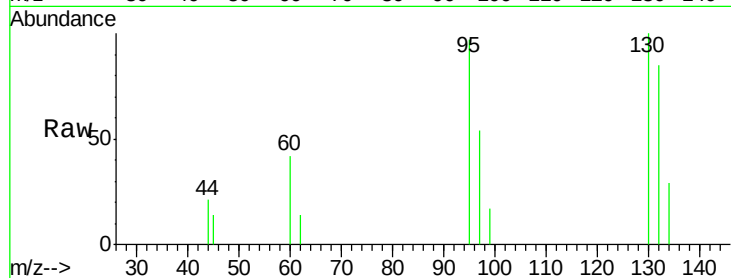
91BR-20201118DL

Tot Ion:130 Resp: 2230

Ion Ratio Lower Upper

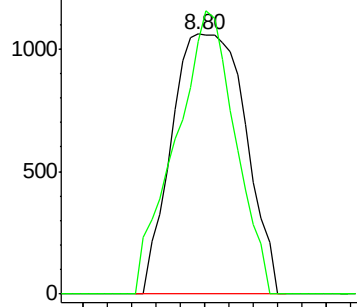
130 100

95 97.2 0.0 197.8

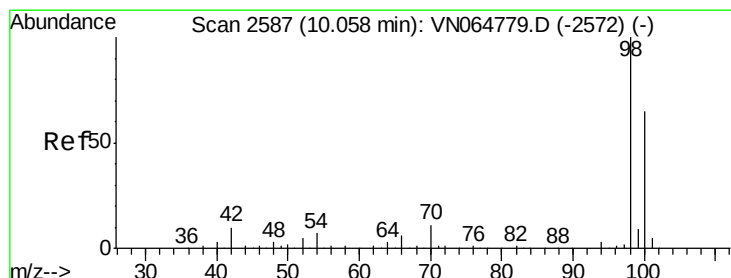
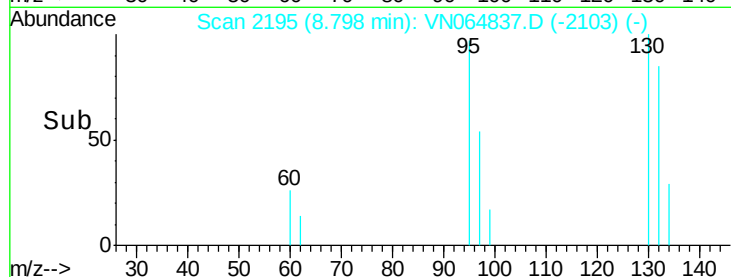


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



Time--> 8.75 8.80 8.85



#50

Toluene-d8

Concen: 50.424 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064837.D

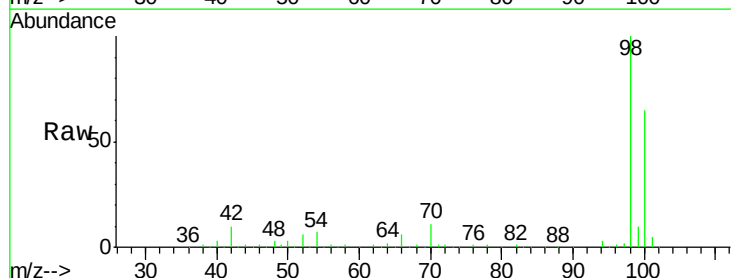
Acq: 25 Nov 2020 2:42

Tgt Ion: 98 Resp: 346906

Ion Ratio Lower Upper

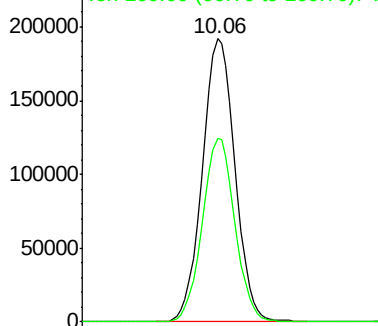
98 100

100 64.7 51.7 77.5

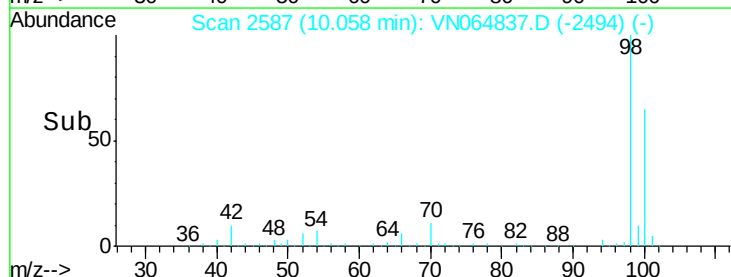


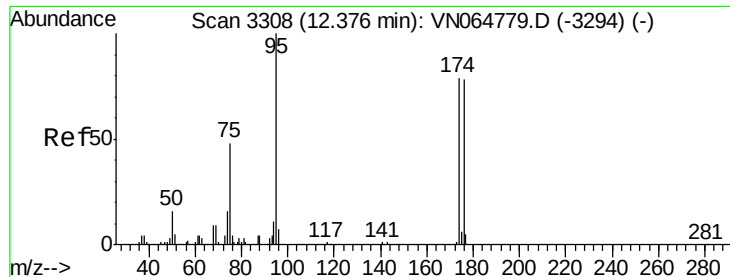
Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO



Time--> 10.00 10.10





#62

4-Bromofluorobenzene

Concen: 54.211 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064837.D

Acq: 25 Nov 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

91BR-20201118DL

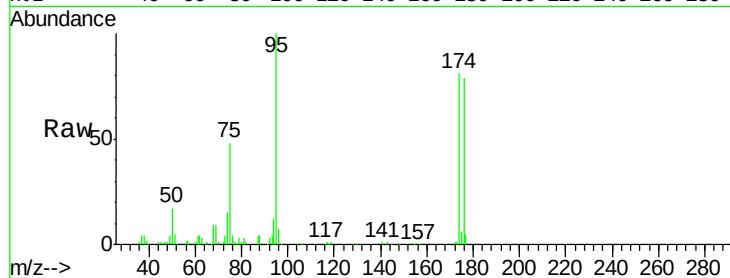
Tot Ion: 95 Resp: 133475

Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.4

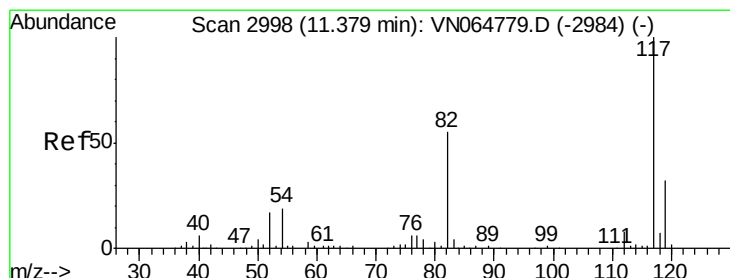
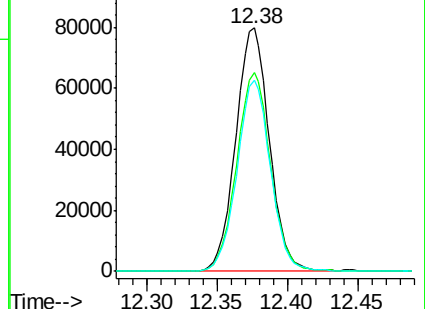
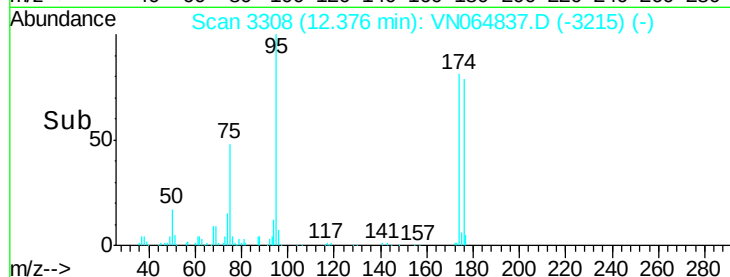
176 78.0 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064837.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064837.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064837.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064837.D

Acq: 25 Nov 2020 2:42

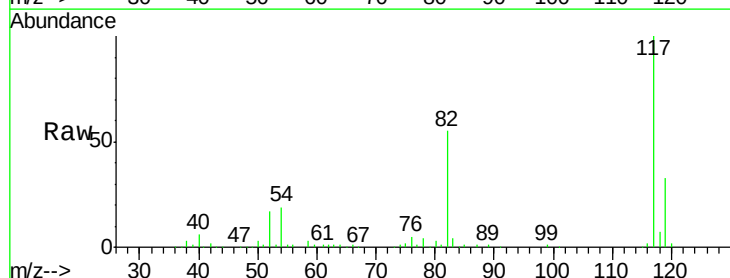
Tgt Ion: 117 Resp: 287595

Ion Ratio Lower Upper

117 100

82 54.8 44.2 66.2

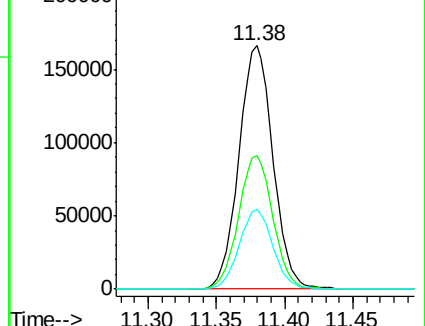
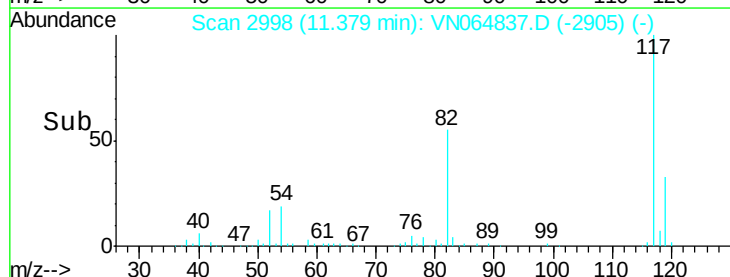
119 32.6 25.8 38.6

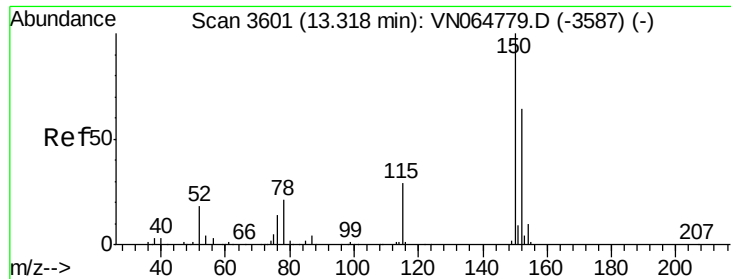


Abundance Ion 116.90 (116.60 to 117.60): VN064837.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064837.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064837.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064837.D

Acq: 25 Nov 2020 2:42

Instrument :

MSVOA_N

ClientSampleId :

91BR-20201118DL

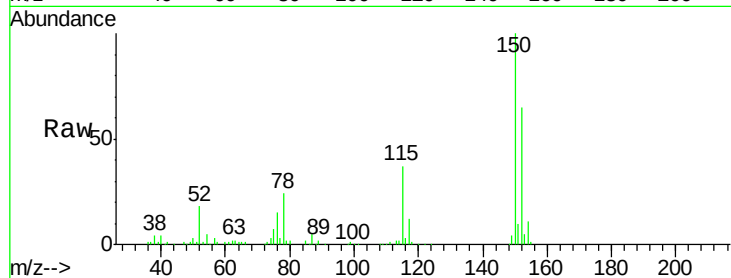
Tot Ion:152 Resp: 128997

Ion Ratio Lower Upper

152 100

115 57.5 29.7 89.1

150 154.0 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

