

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062240.D
 Acq On : 30 Jun 2020 15:26
 Operator : JC/MD
 Sample : L3101-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EBS8-W-04

Quant Time: Jul 01 04:30:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

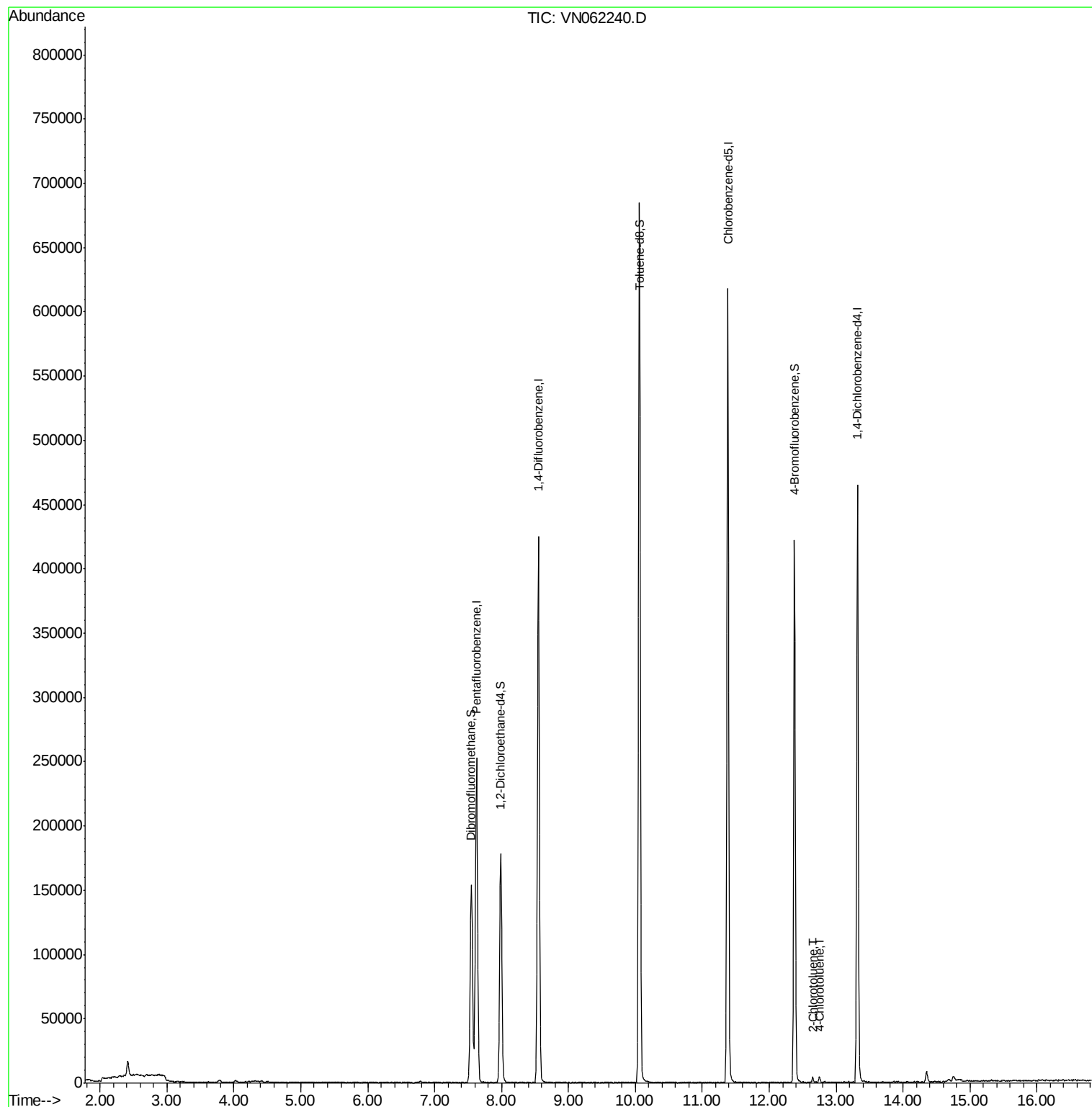
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	377243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	354370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122414	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	149674	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.55	113	120910	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
50) Toluene-d8	10.06	98	481308	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	148401	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
79) 2-Chlorotoluene	12.64	91	3202	0.489	ug/l	100
82) 4-Chlorotoluene	12.75	91	3597	0.531	ug/l	90

(#) = 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# 1820

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

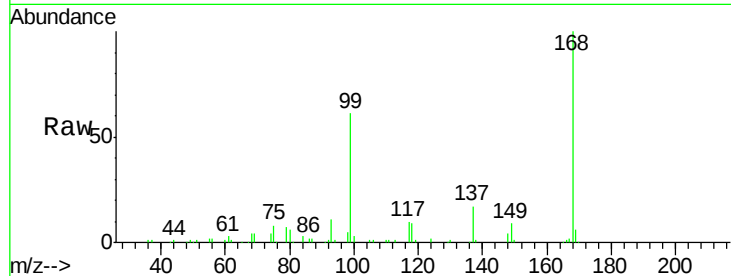
EBS8-W-04

Tot Ion:168 Resp: 193970

Ion Ratio Lower Upper

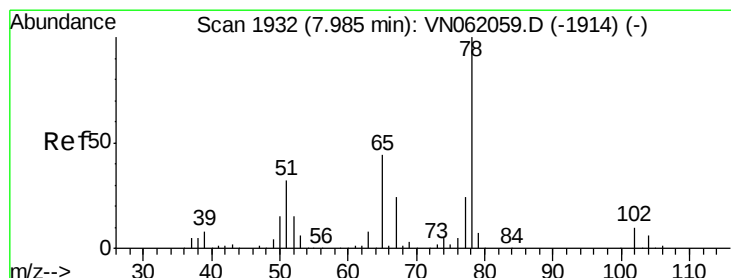
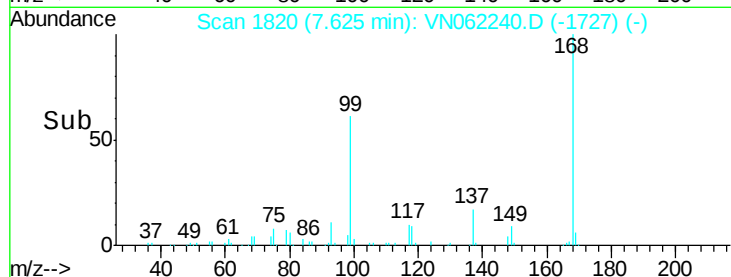
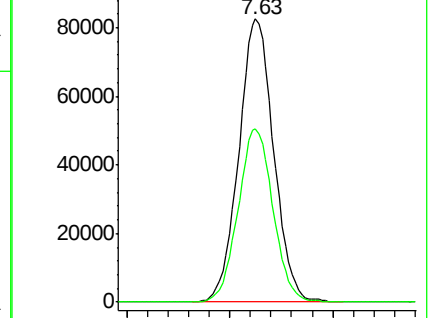
168 100

99 61.2 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.986 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062240.D

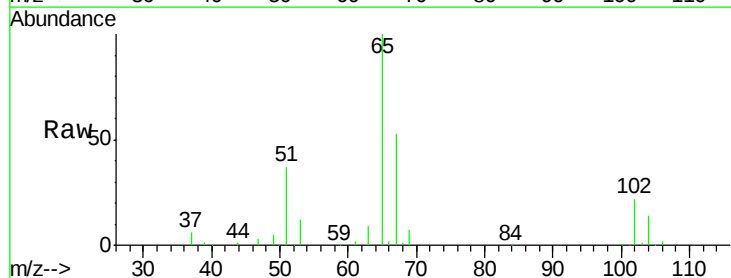
Acq: 30 Jun 2020 15:26

Tgt Ion: 65 Resp: 149674

Ion Ratio Lower Upper

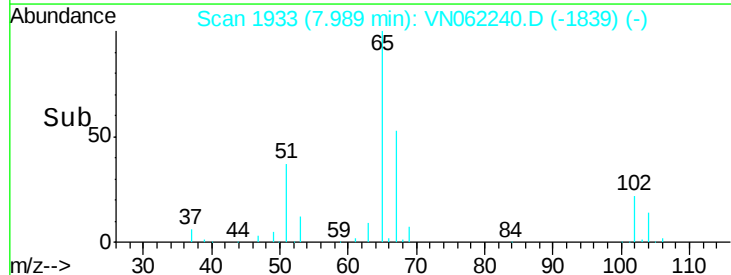
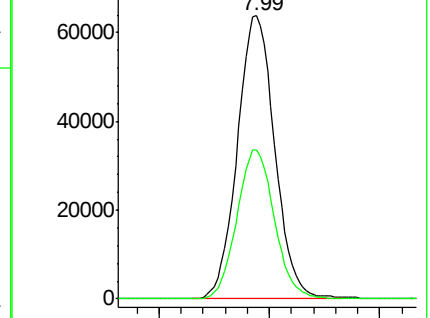
65 100

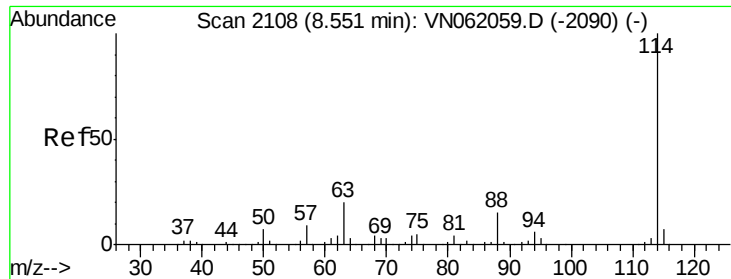
67 52.9 0.0 106.2



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# 2108

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

EBS8-W-04

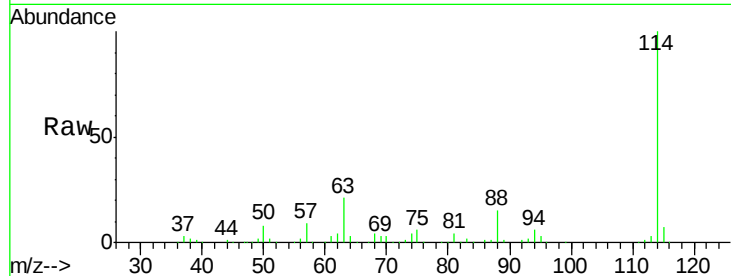
Tot Ion:114 Resp: 377243

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

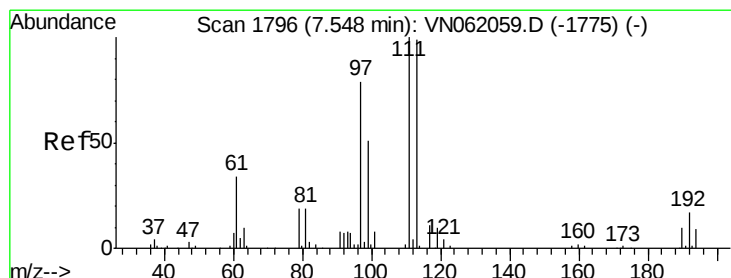
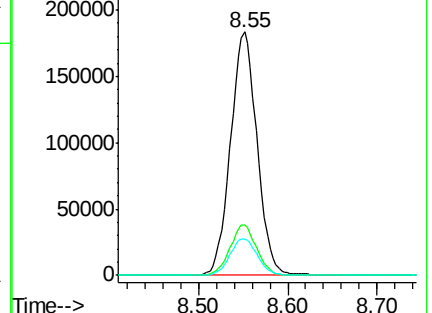
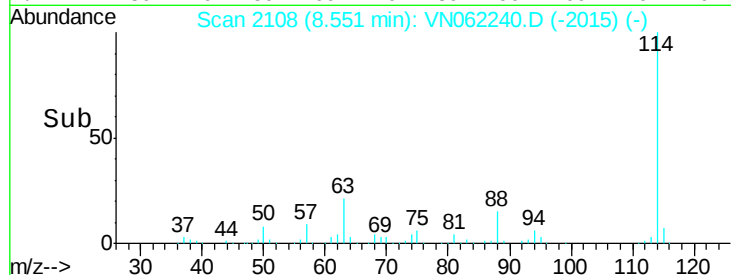
88 15.1 0.0 30.8



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: 49.959 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

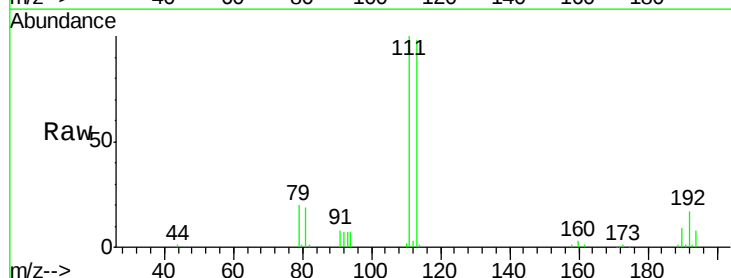
Tgt Ion:113 Resp: 120910

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

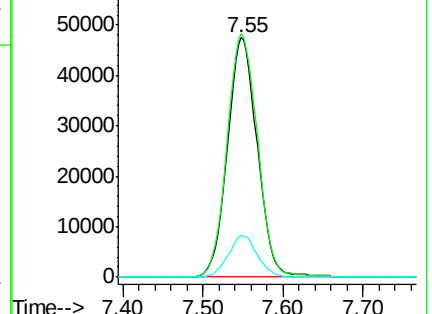
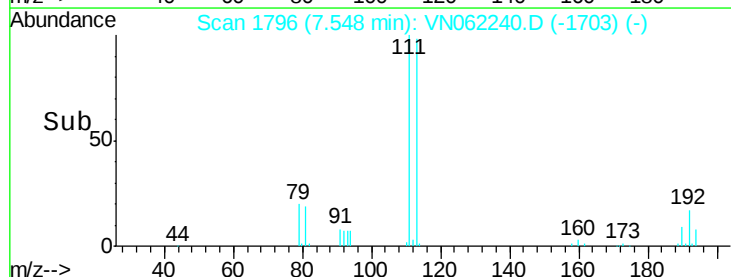
192 16.9 14.0 21.0

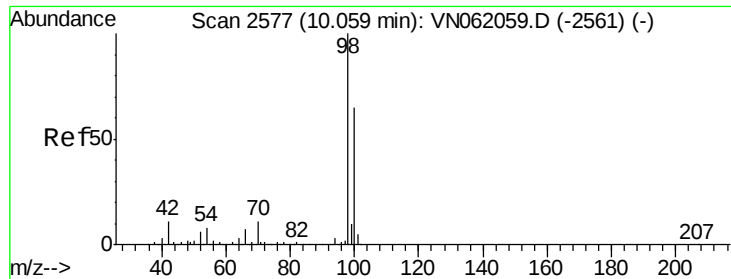


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.751 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

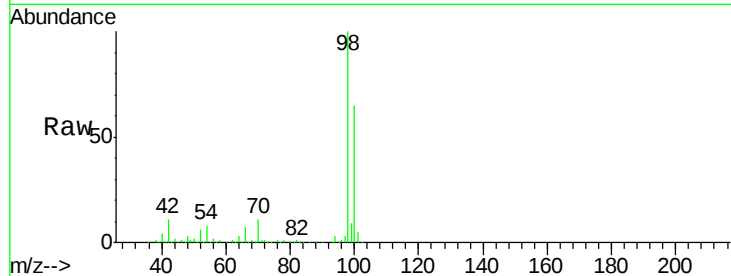
EBS8-W-04

Tot Ion: 98 Resp: 481308

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

250000

200000

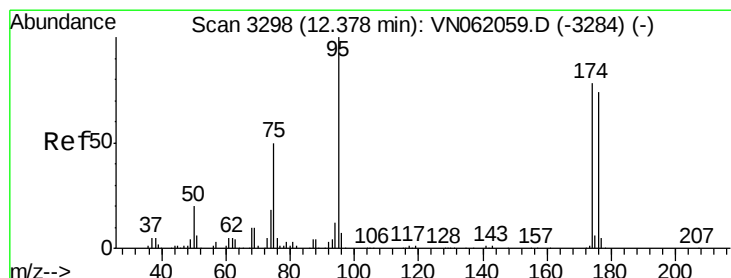
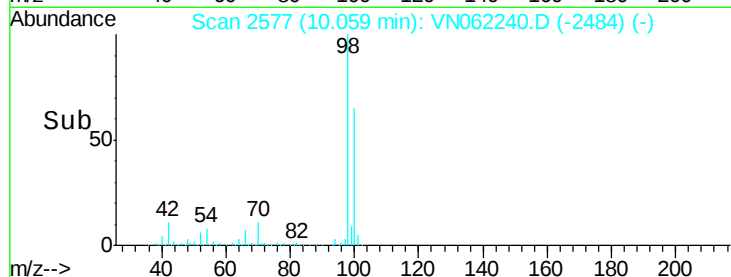
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.403 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062240.D

Acq: 30 Jun 2020 15:26

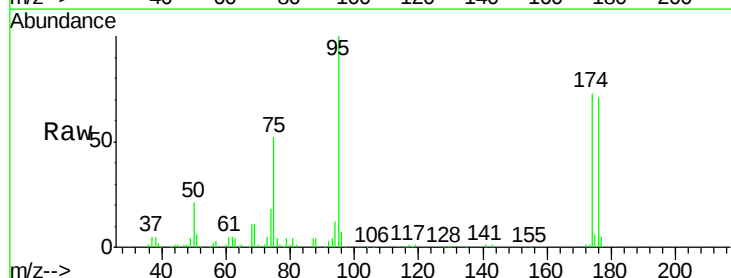
Tgt Ion: 95 Resp: 148401

Ion Ratio Lower Upper

95 100

174 74.3 0.0 154.8

176 69.9 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

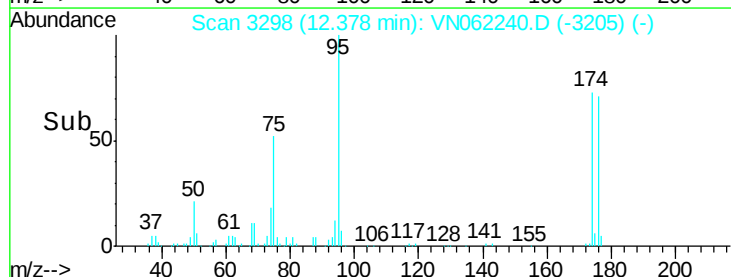
60000

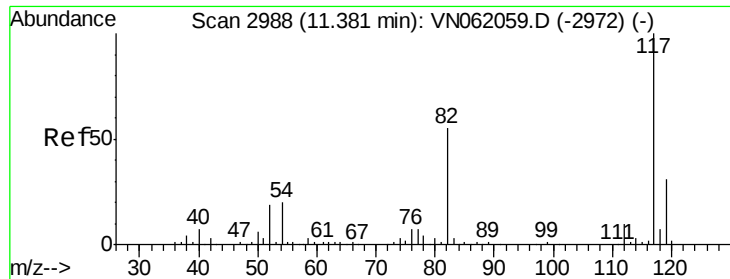
40000

20000

0

Time-->

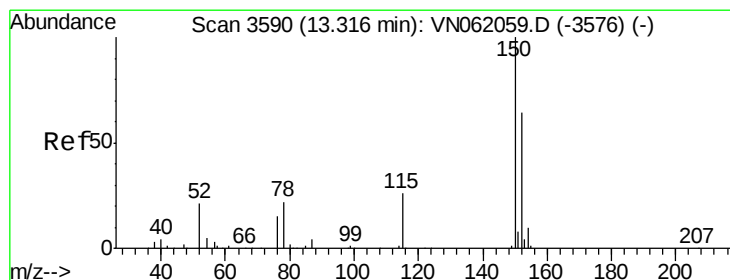
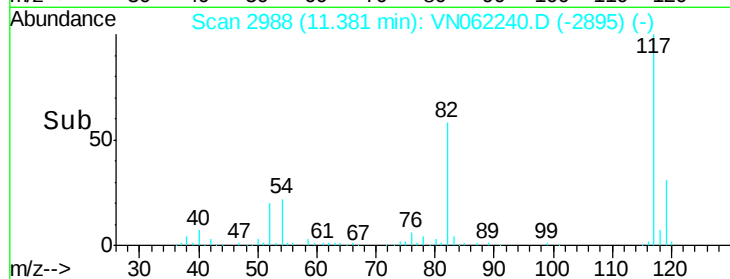
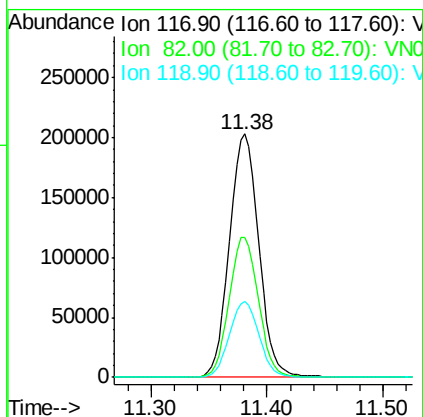
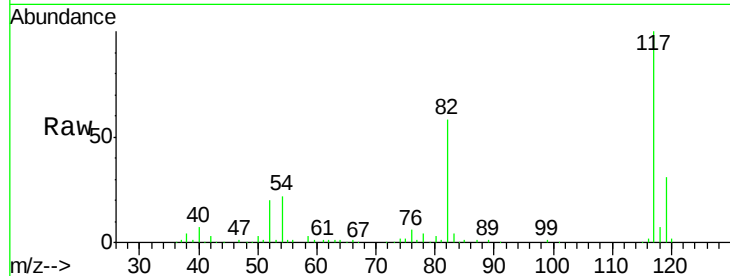




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062240.D
Acq: 30 Jun 2020 15:26

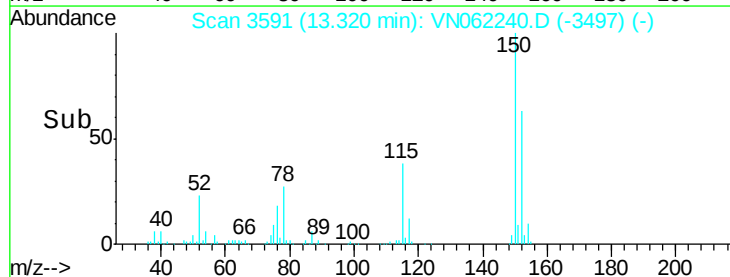
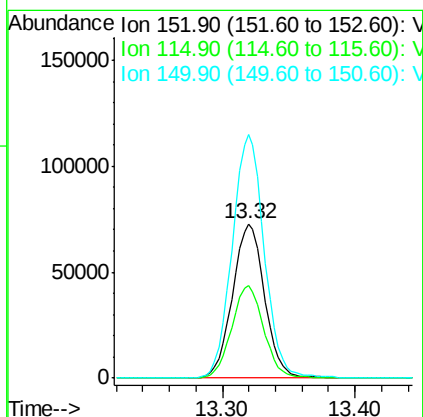
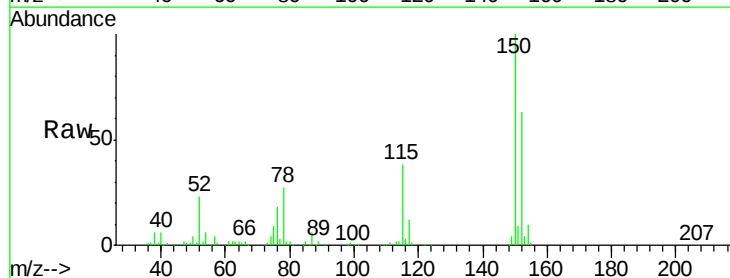
Instrument :
MSVOA_N
ClientSampled :
EBS8-W-04

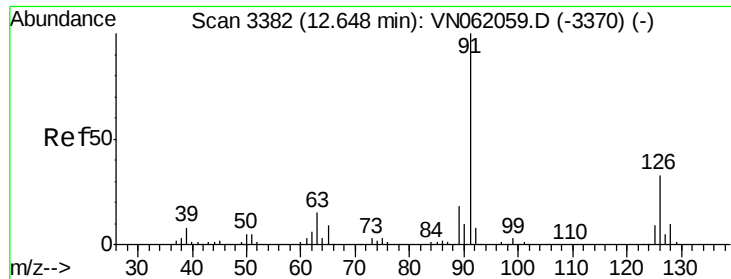
Tot Ion:117 Resp: 354370
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 31.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062240.D
Acq: 30 Jun 2020 15:26

Tgt Ion:152 Resp: 122414
Ion Ratio Lower Upper
152 100
115 59.9 29.5 88.5
150 157.1 0.0 351.4

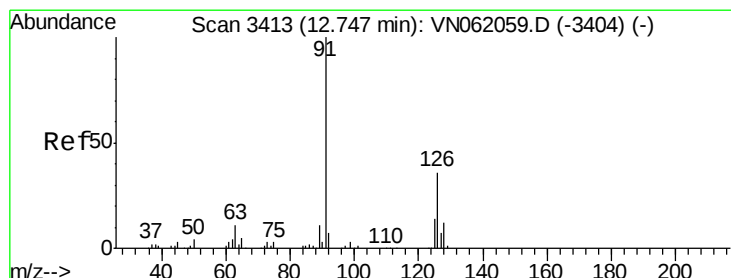
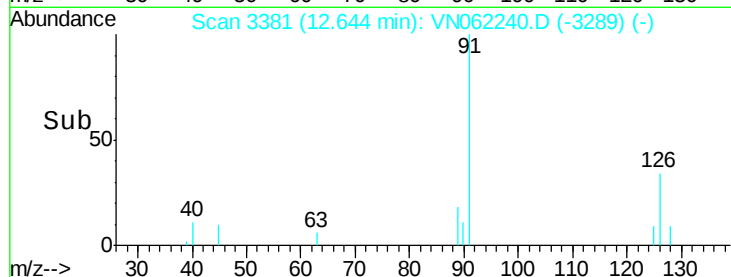
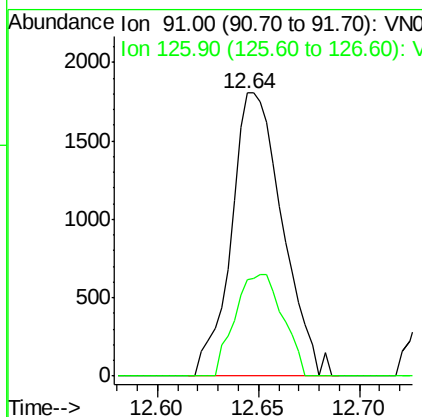
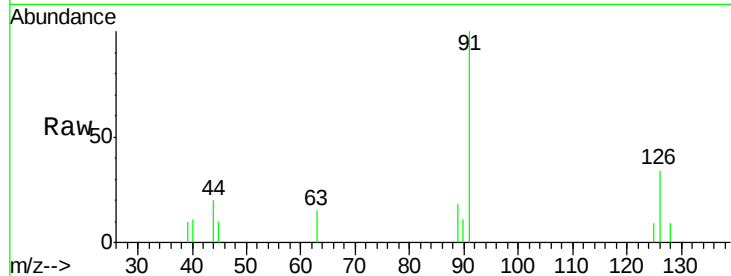




#79
2-Chlorotoluene
Concen: 0.489 ug/l
RT: 12.64 min Scan# 3381
Delta R.T. -0.00 min
Lab File: VN062240.D
Acq: 30 Jun 2020 15:26

Instrument :
MSVOA_N
ClientSampled :
EBS8-W-04

Tot Ion: 91 Resp: 3202
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7



#82
4-Chlorotoluene
Concen: 0.531 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062240.D
Acq: 30 Jun 2020 15:26

Tgt Ion: 91 Resp: 3597
Ion Ratio Lower Upper
91 100
126 27.9 16.7 50.1

