

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062429.D
 Acq On : 9 Jul 2020 1:11
 Operator : JC/MD
 Sample : L3215-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Jul 09 03:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	177745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111786	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	143130	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	7.55	113	103393	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
50) Toluene-d8	10.06	98	411687	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.38	95	145324	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	

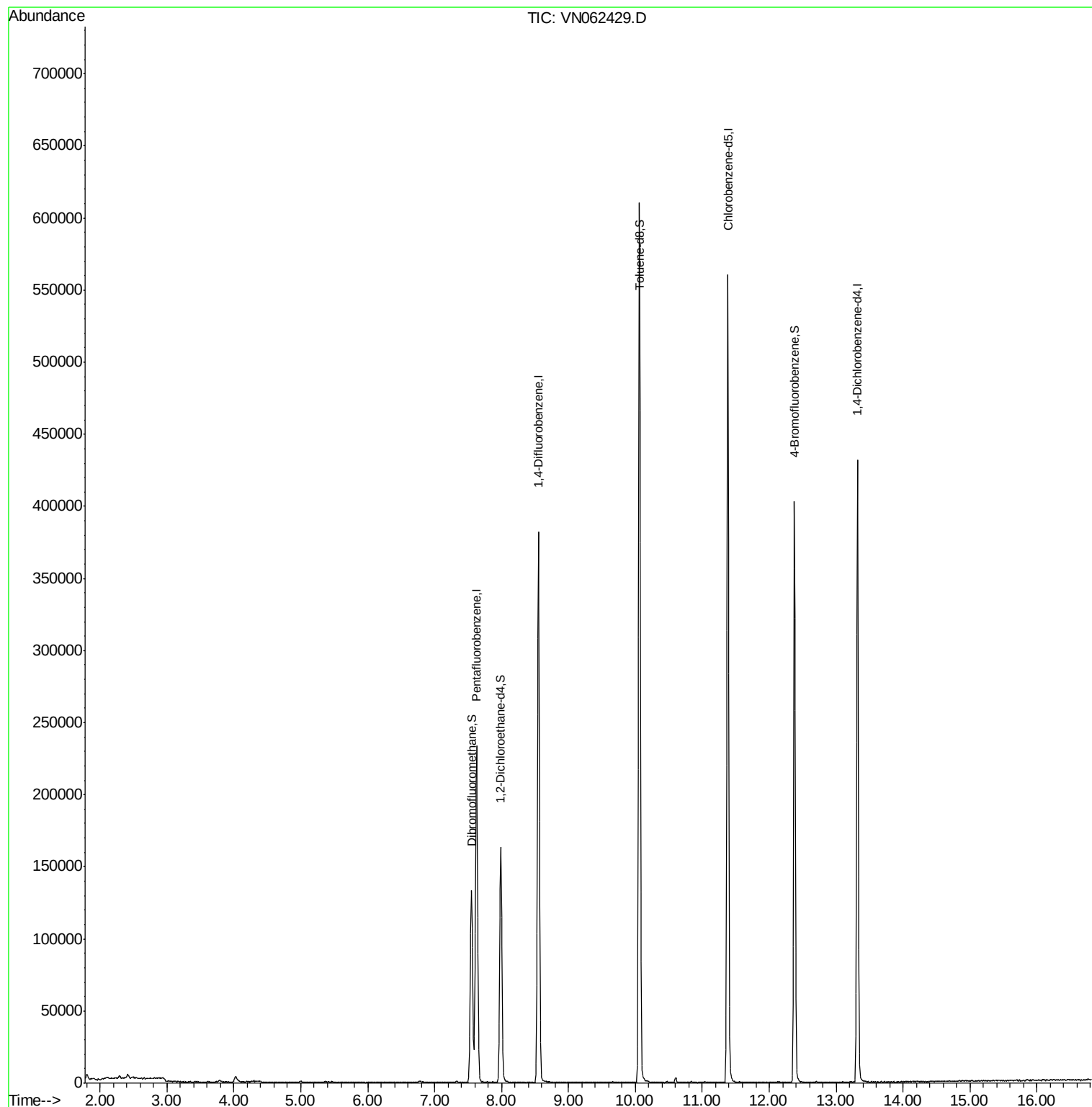
Target Compounds	Qvalue
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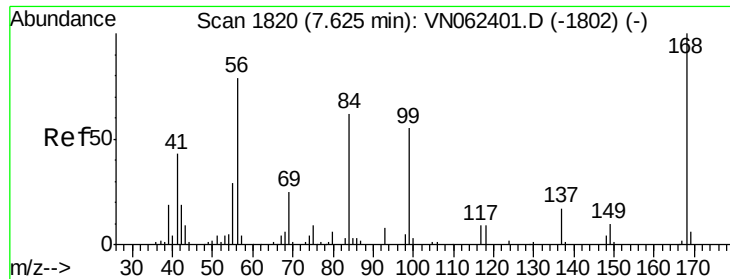
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 09 02:12:34 2020
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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: VN062429.D

Acq: 9 Jul 2020 1:11

Instrument :

MSVOA_N

ClientSampleId :

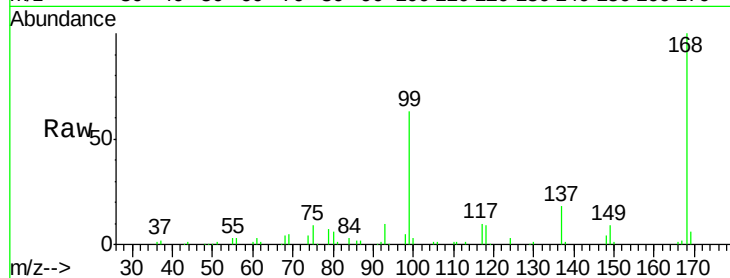
MW-4

Tot Ion:168 Resp: 177745

Ion Ratio Lower Upper

168 100

99 62.8 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

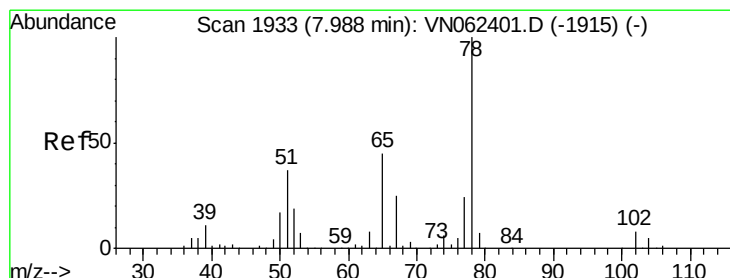
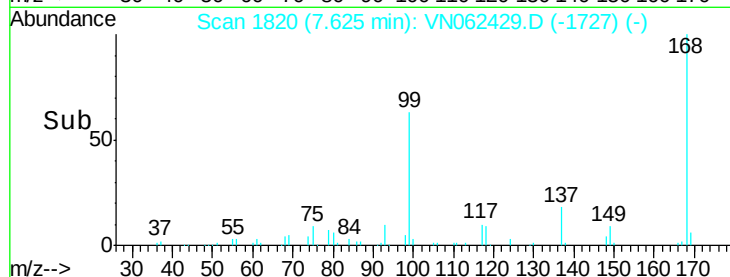
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 52.353 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062429.D

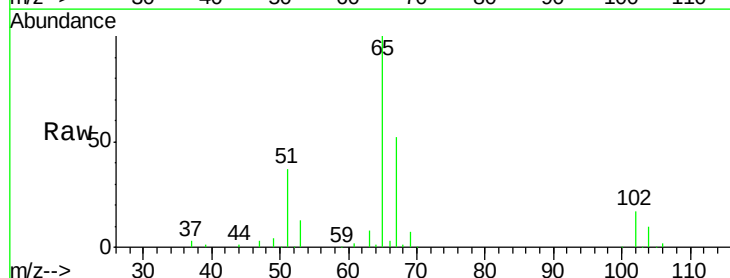
Acq: 9 Jul 2020 1:11

Tgt Ion: 65 Resp: 143130

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

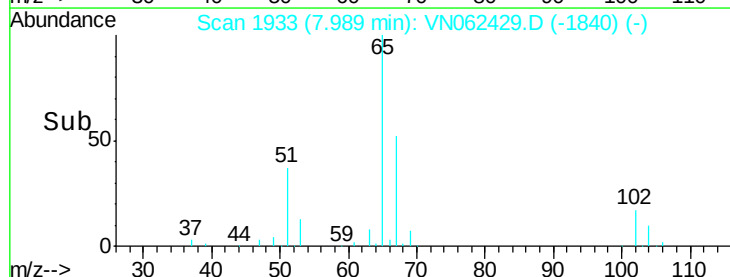
60000

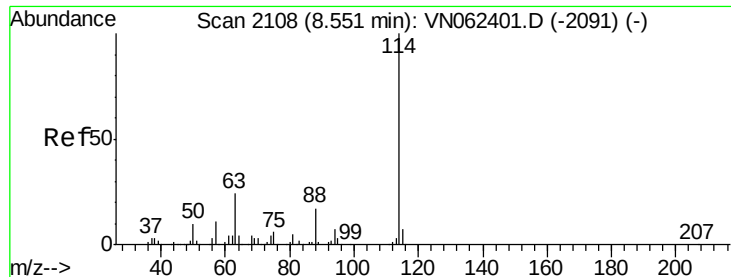
40000

20000

0

Time--> 7.90 8.00 8.10

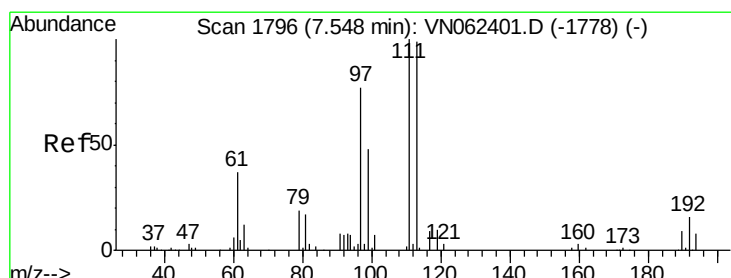
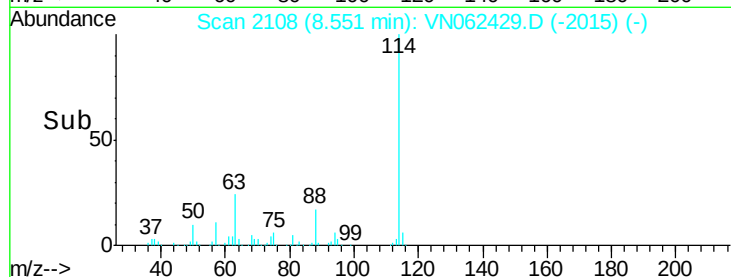
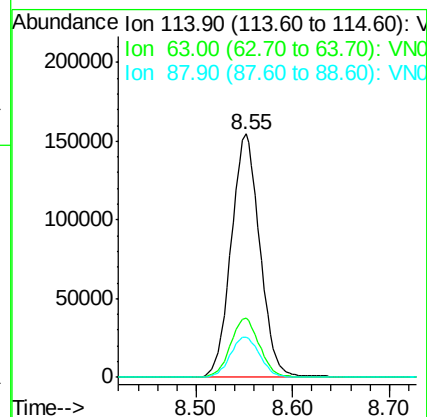
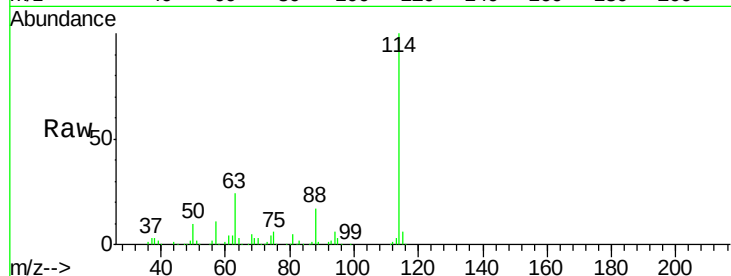




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062429.D
 Acq: 9 Jul 2020 1:11

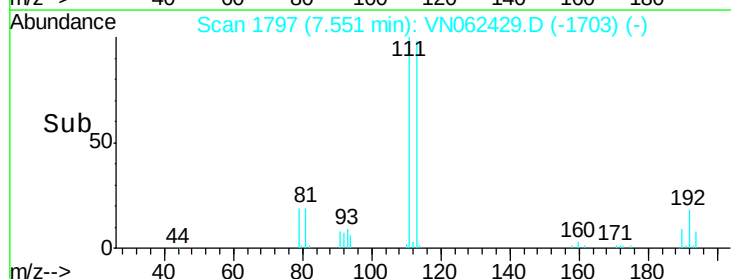
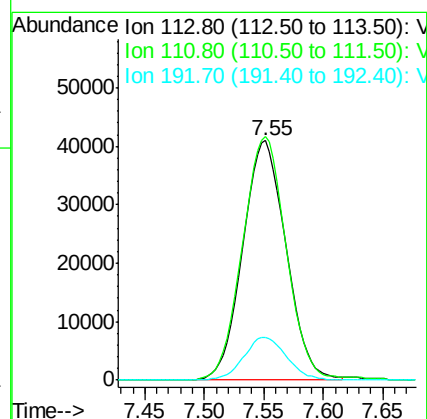
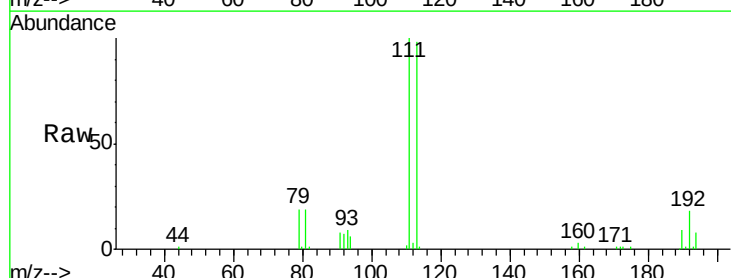
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

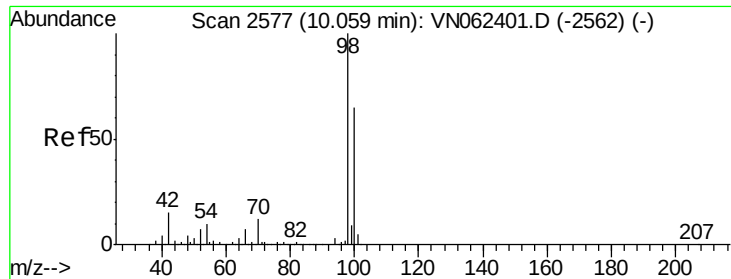
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	48.4
88	16.7	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 52.520 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062429.D
 Acq: 9 Jul 2020 1:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.1	124.7
192	17.6	14.1	21.1





#50

Toluene-d8

Concen: 52.973 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062429.D

Acq: 9 Jul 2020 1:11

Instrument :

MSVOA_N

ClientSampled :

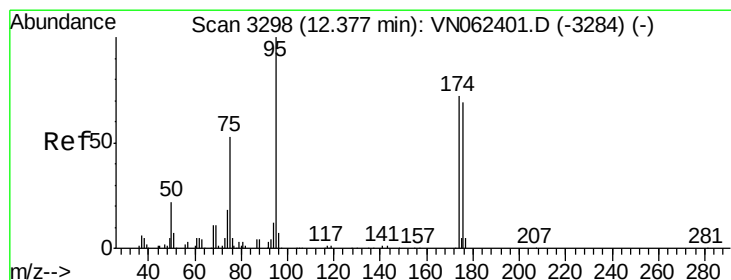
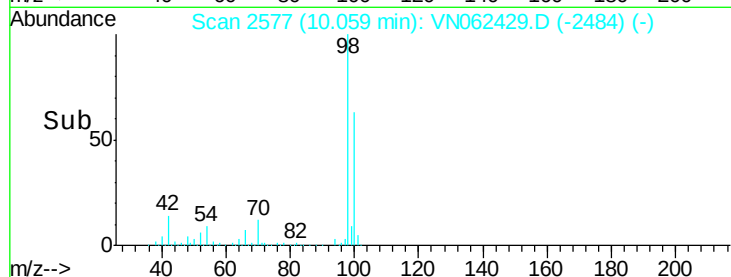
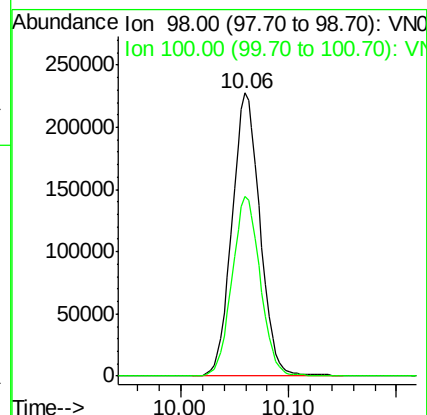
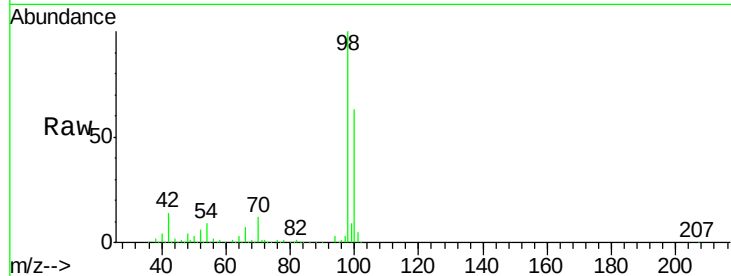
MW-4

Tot Ion: 98 Resp: 411687

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.170 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062429.D

Acq: 9 Jul 2020 1:11

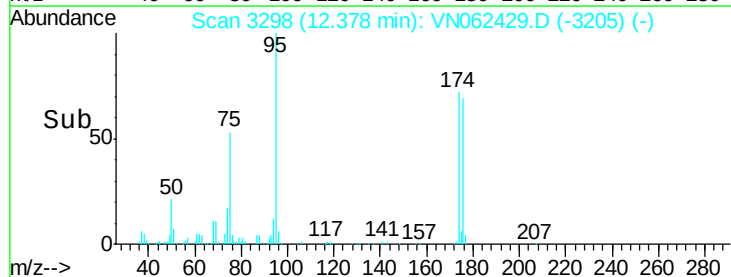
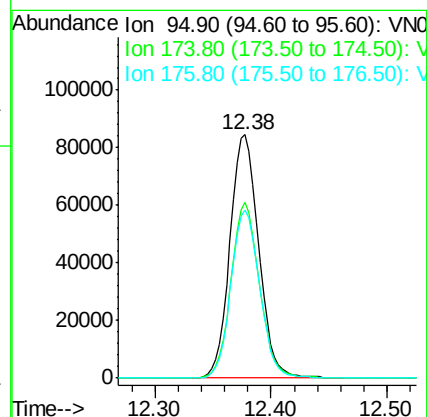
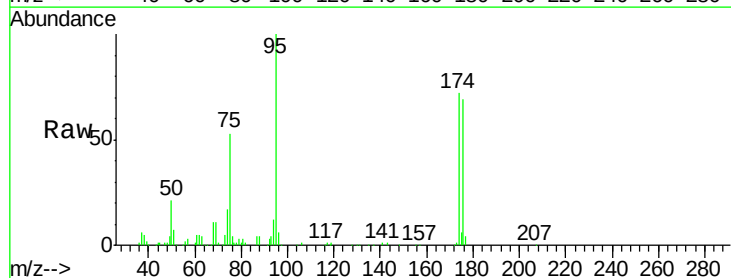
Tgt Ion: 95 Resp: 145324

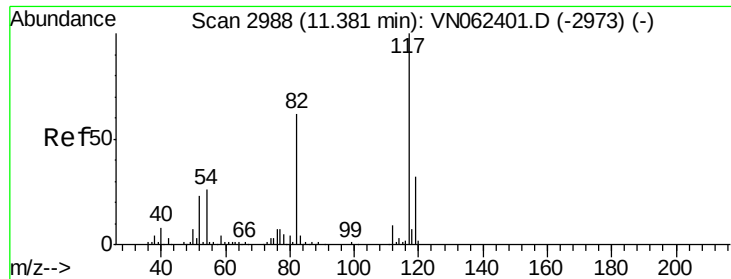
Ion Ratio Lower Upper

95 100

174 71.3 0.0 141.6

176 68.9 0.0 137.2

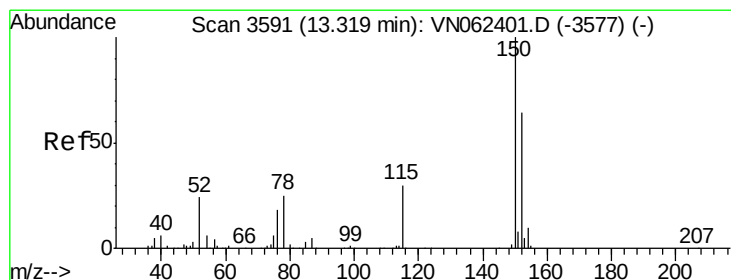
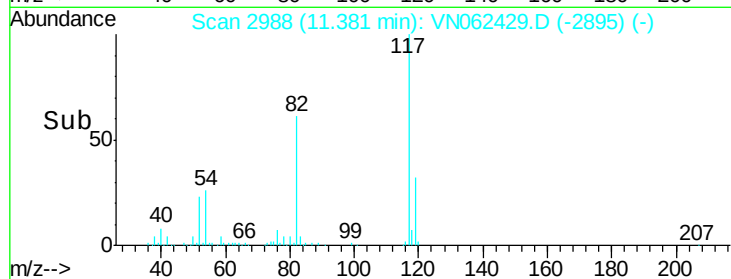
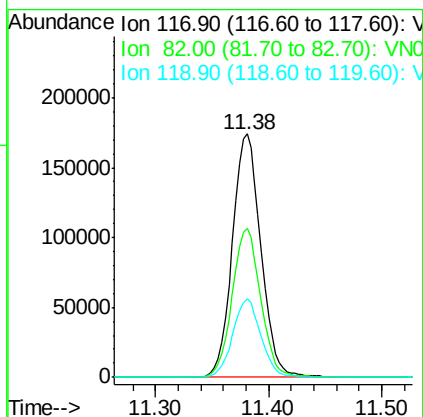
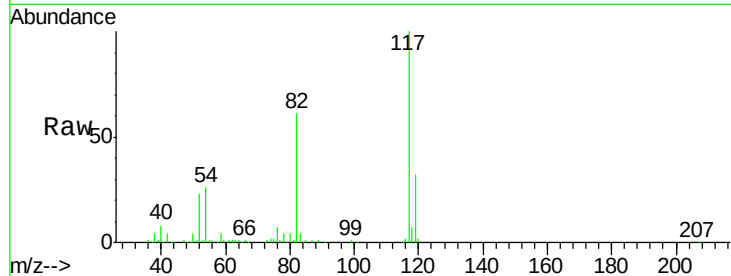




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062429.D
Acq: 9 Jul 2020 1:11

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tot Ion:117 Resp: 305196
Ion Ratio Lower Upper
117 100
82 61.0 49.6 74.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062429.D
Acq: 9 Jul 2020 1:11

Tgt Ion:152 Resp: 111786
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.2
150 157.4 0.0 347.4

