

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061509.D
 Acq On : 20 May 2020 18:37
 Operator : JC/MD
 Sample : L2720-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0695

Quant Time: May 21 02:28:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	513986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216964	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	186343	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
35) Dibromofluoromethane	7.55	113	147376	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
50) Toluene-d8	10.06	98	640782	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.37	95	239164	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	

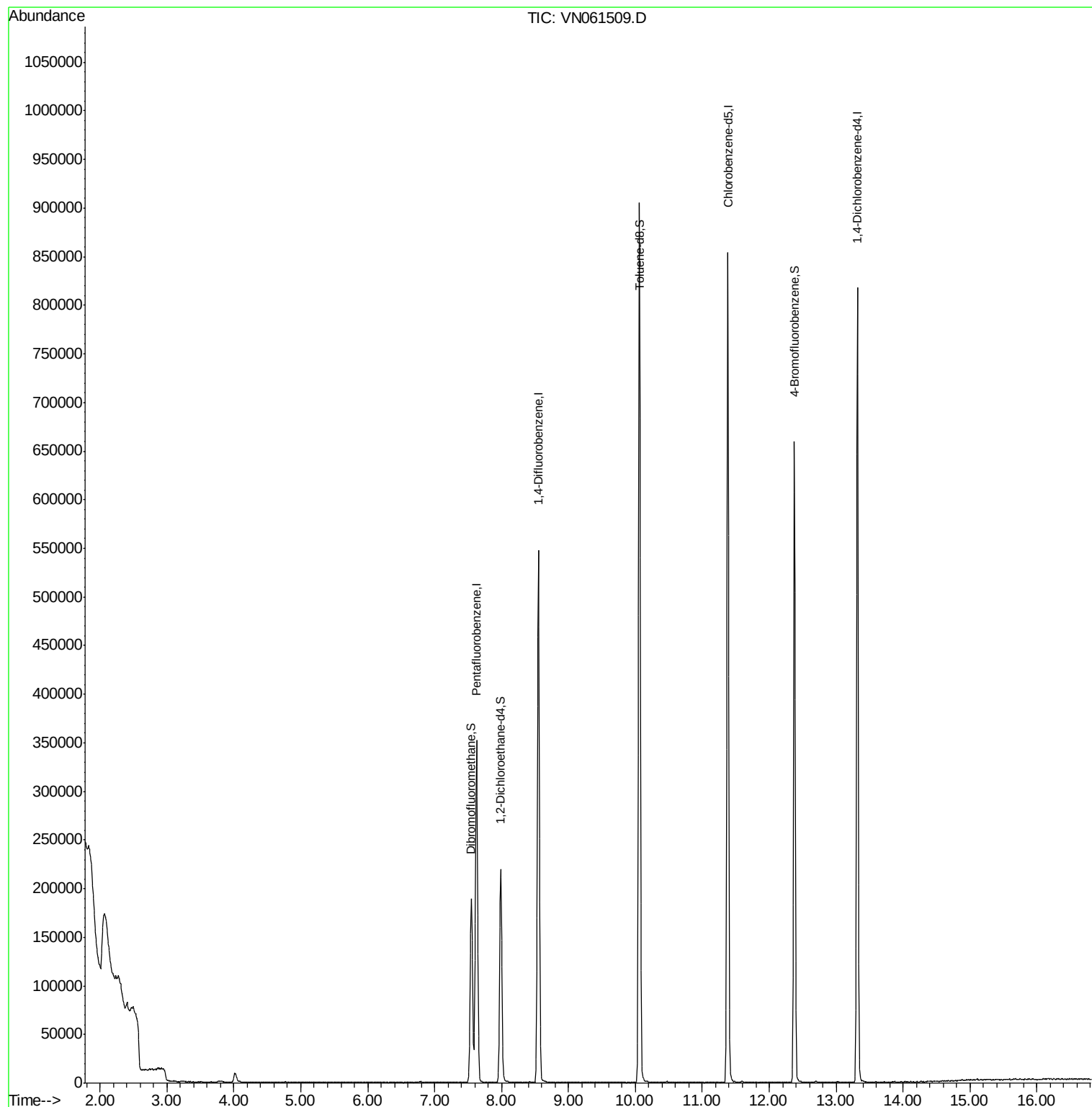
Target Compounds	Qvalue
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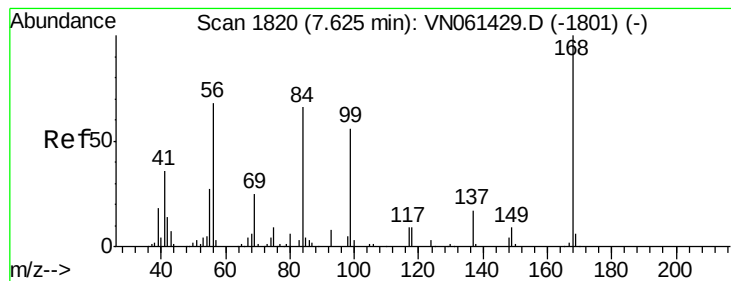
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052020\
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061509.D

Acq: 20 May 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

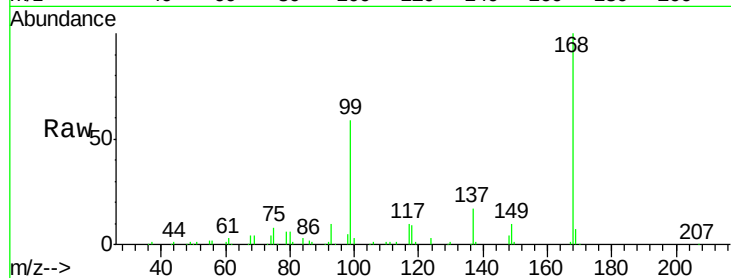
S32-0695

Tot Ion:168 Resp: 282984

Ion Ratio Lower Upper

168 100

99 59.1 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

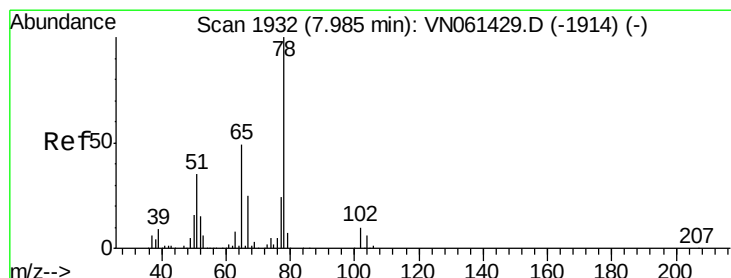
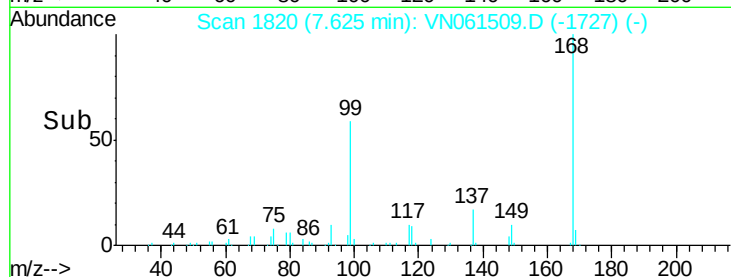
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 44.122 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061509.D

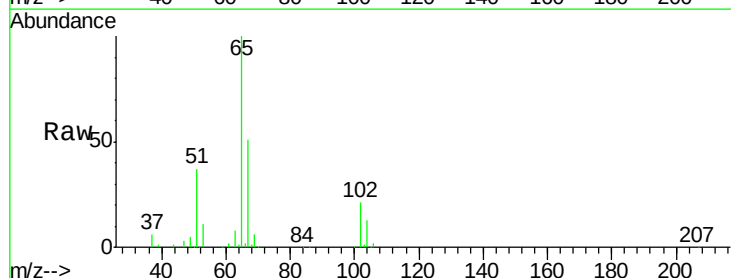
Acq: 20 May 2020 18:37

Tgt Ion: 65 Resp: 186343

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

80000

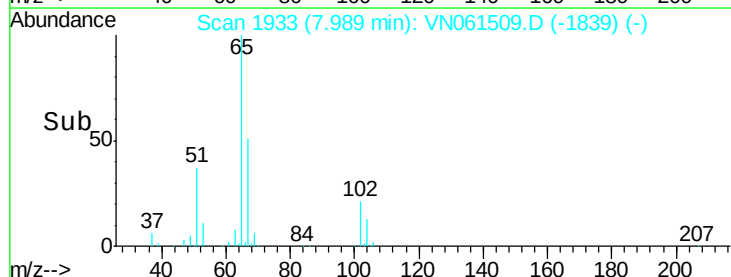
60000

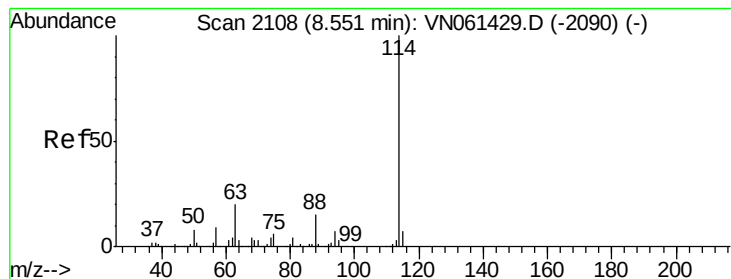
40000

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: VN061509.D

Acq: 20 May 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

S32-0695

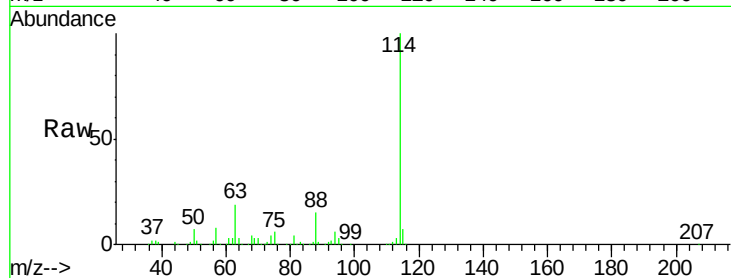
Tot Ion:114 Resp: 513986

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.8

88 15.3 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

300000

250000

200000

150000

100000

50000

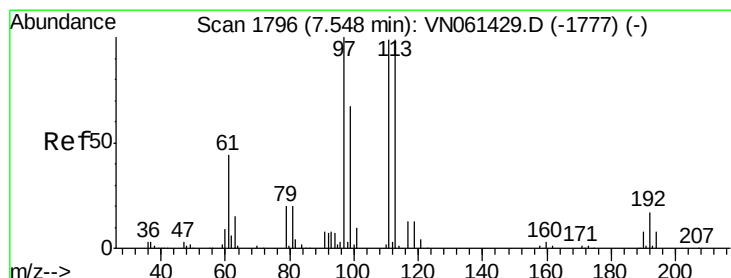
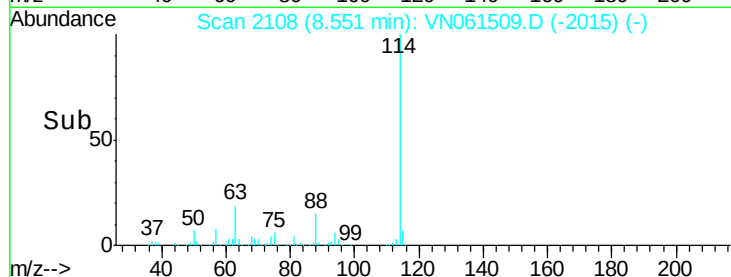
0

8.55

8.60

8.70

Time-->



#35

Dibromofluoromethane

Concen: 54.733 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061509.D

Acq: 20 May 2020 18:37

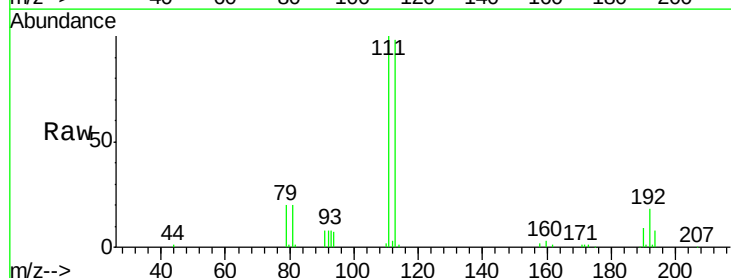
Tgt Ion:113 Resp: 147376

Ion Ratio Lower Upper

113 100

111 101.5 80.6 121.0

192 17.5 13.2 19.8



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

80000

60000

40000

20000

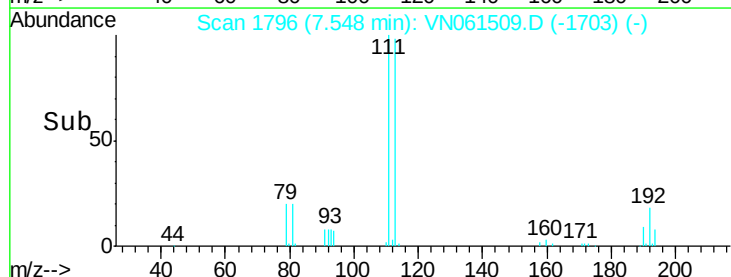
0

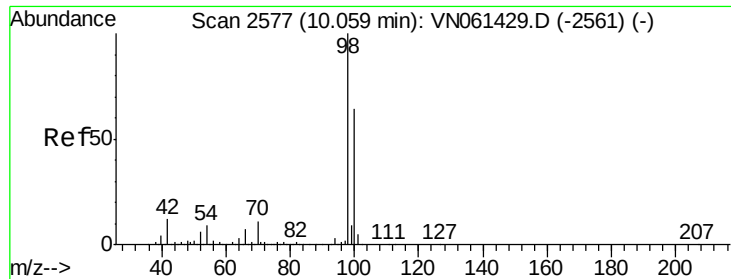
7.55

7.60

7.70

Time-->





#50

Toluene-d8

Concen: 51.307 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061509.D

Acq: 20 May 2020 18:37

Instrument :

MSVOA_N

ClientSampleId :

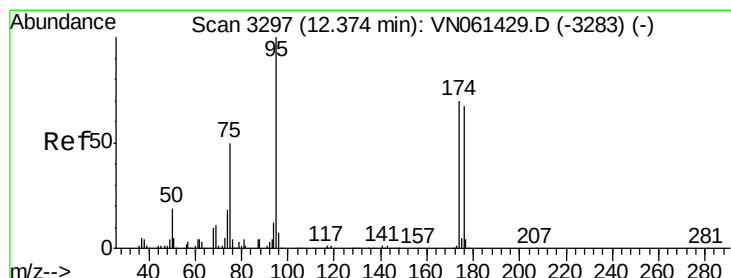
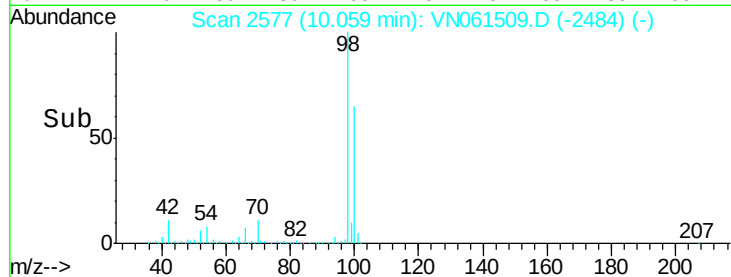
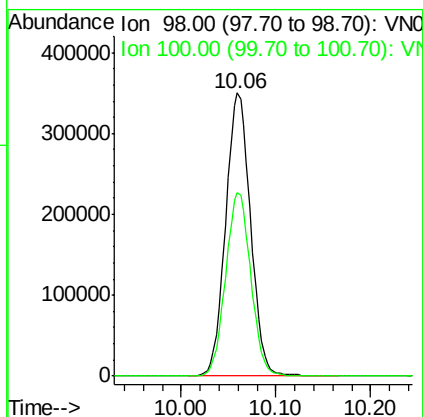
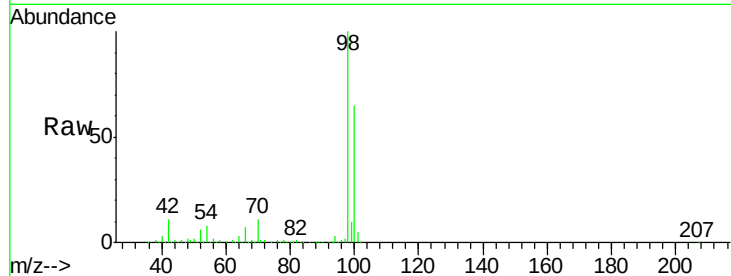
S32-0695

Tot Ion: 98 Resp: 640782

Ion Ratio Lower Upper

98 100

100 65.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.257 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061509.D

Acq: 20 May 2020 18:37

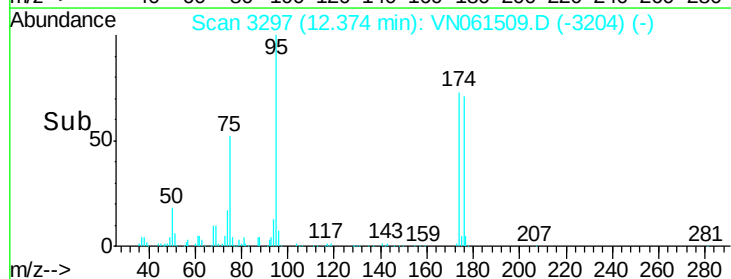
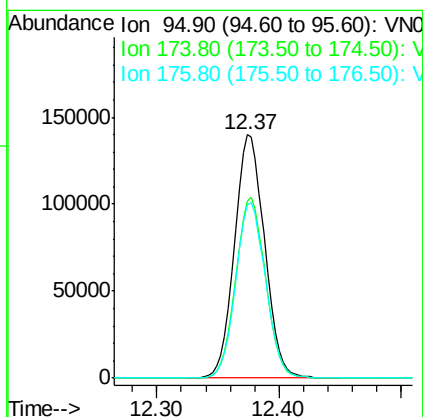
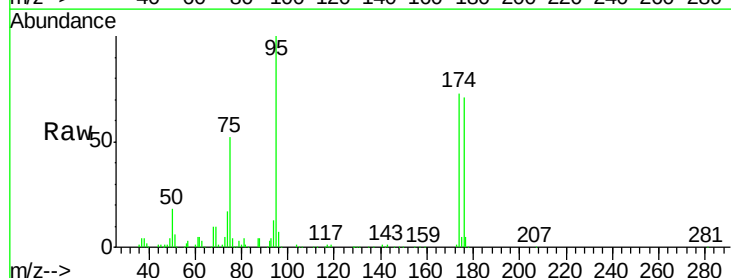
Tgt Ion: 95 Resp: 239164

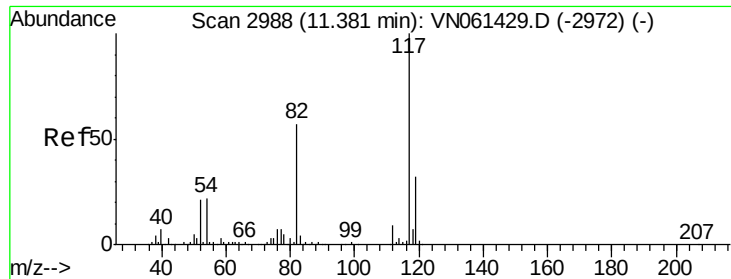
Ion Ratio Lower Upper

95 100

174 73.6 0.0 141.2

176 71.7 0.0 137.6

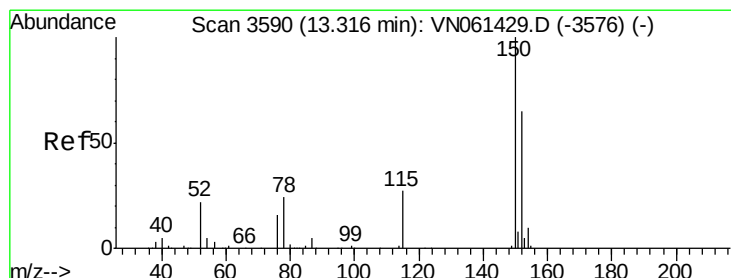
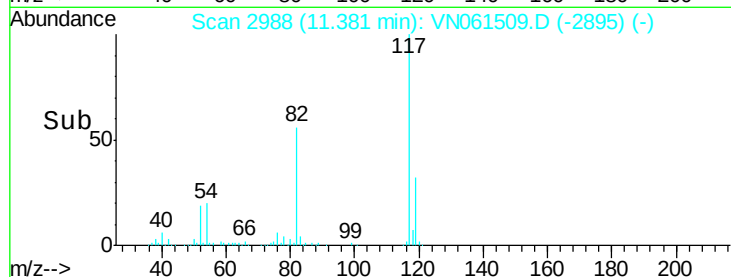
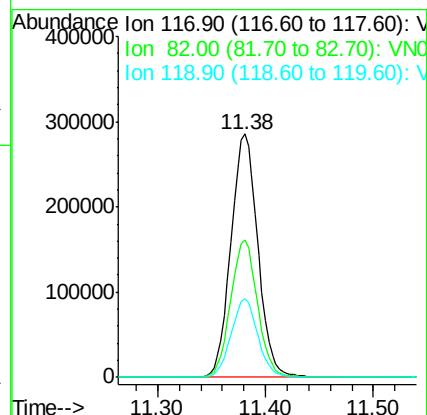
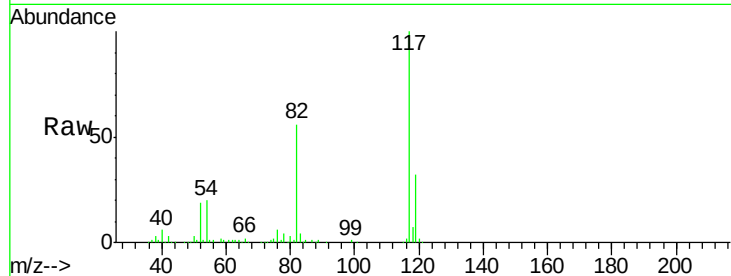




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061509.D
Acq: 20 May 2020 18:37

Instrument :
MSVOA_N
ClientSampleId :
S32-0695

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.2	67.8
119	32.1	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061509.D
Acq: 20 May 2020 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.5
150	157.6	0.0	349.2

