

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061442.D
 Acq On : 18 May 2020 18:14
 Operator : JC/MD
 Sample : L2663-09 10X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1364

Quant Time: May 19 04:26:39 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	278489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	518385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	513073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	204331	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	7.55	113	145530	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.06	98	668621	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.37	95	255437	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

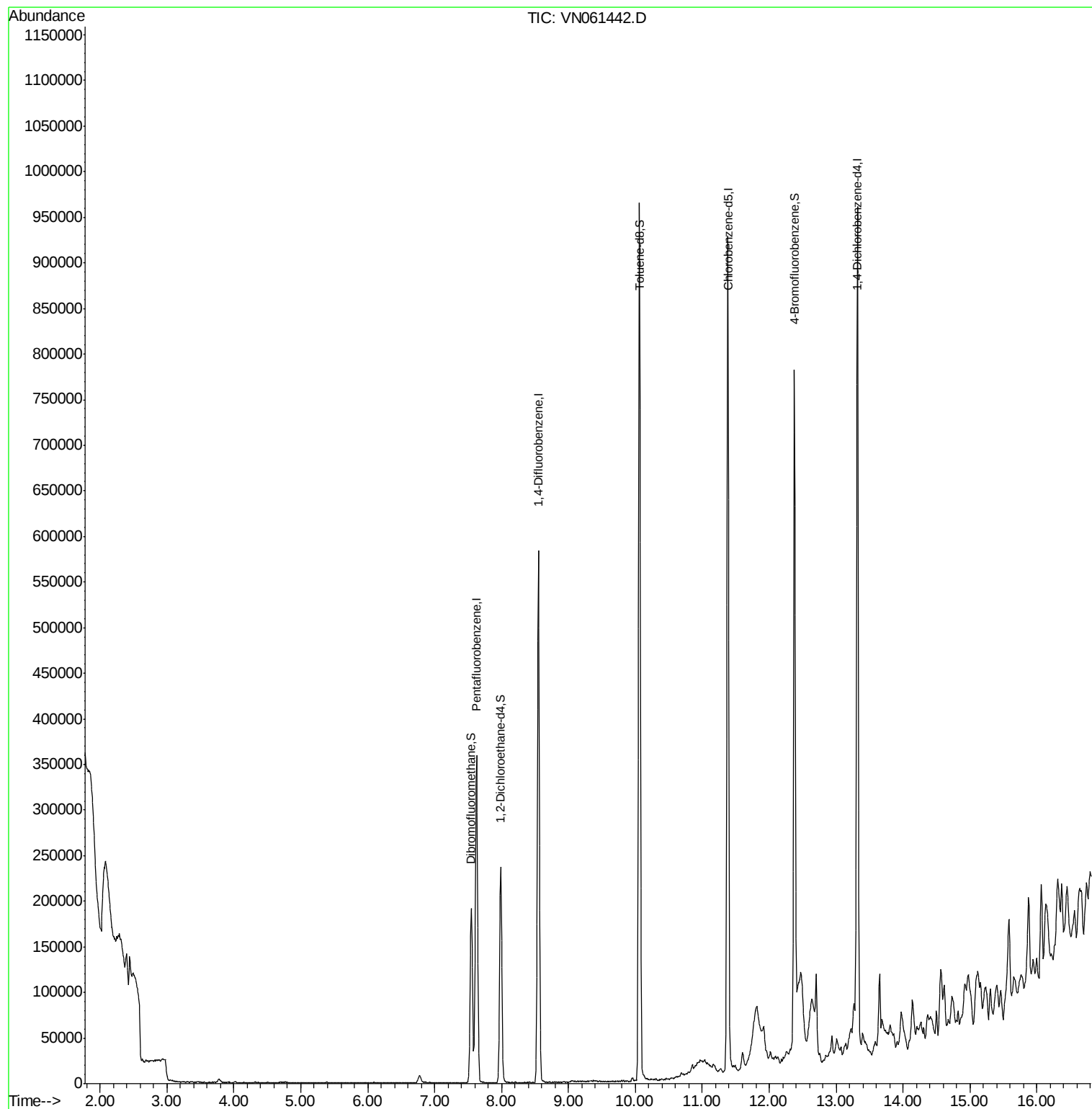
Target Compounds	Qvalue

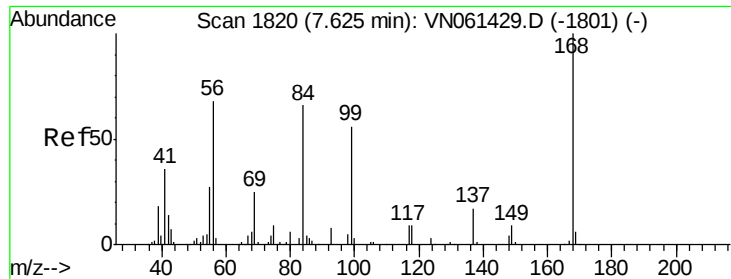
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061442.D

Acq: 18 May 2020 18:14

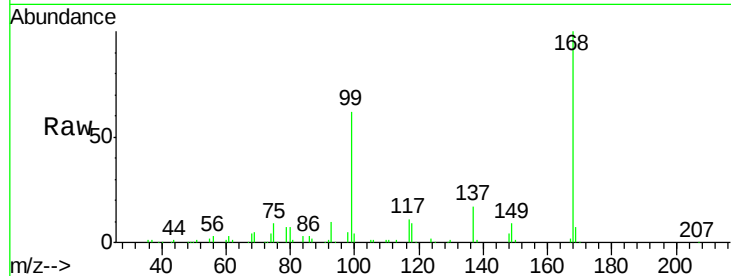
Instrument :
MSVOA_N
ClientSampled :
1364

Tot Ion:168 Resp: 278489

Ion Ratio Lower Upper

168 100

99 62.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

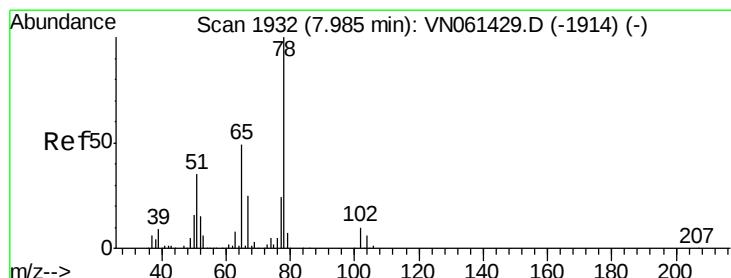
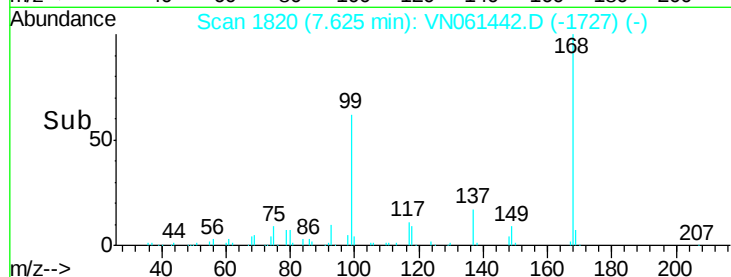
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.162 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061442.D

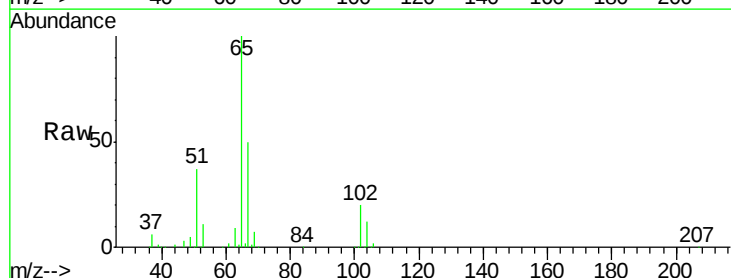
Acq: 18 May 2020 18:14

Tgt Ion: 65 Resp: 204331

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

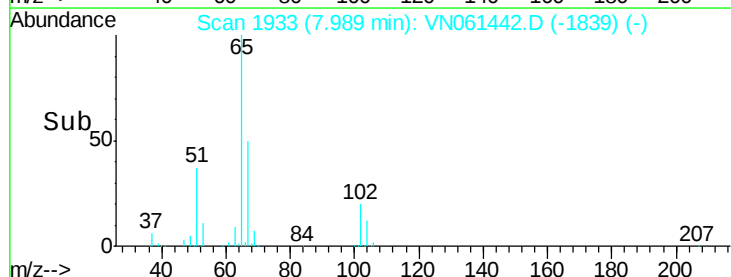
60000

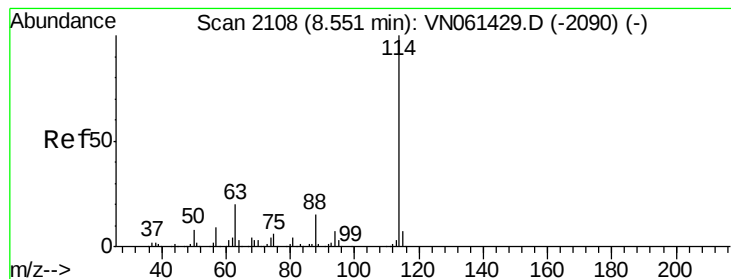
40000

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: VN061442.D

Acq: 18 May 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

1364

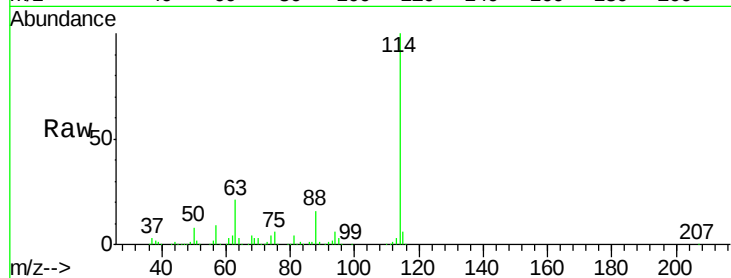
Tot Ion:114 Resp: 518385

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

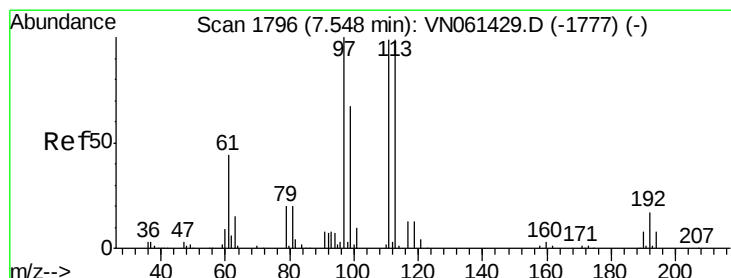
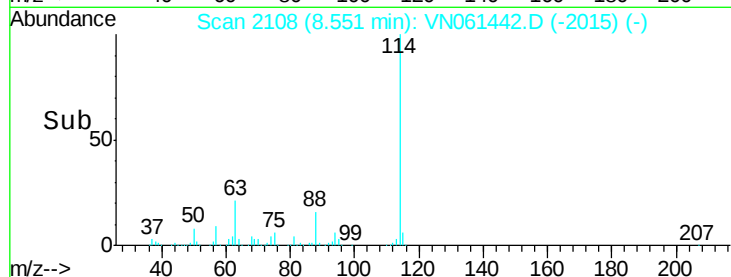
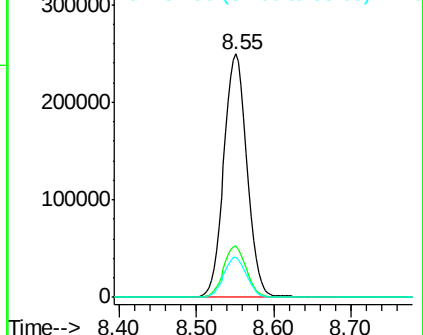
88 16.4 0.0 30.8



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: 53.589 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061442.D

Acq: 18 May 2020 18:14

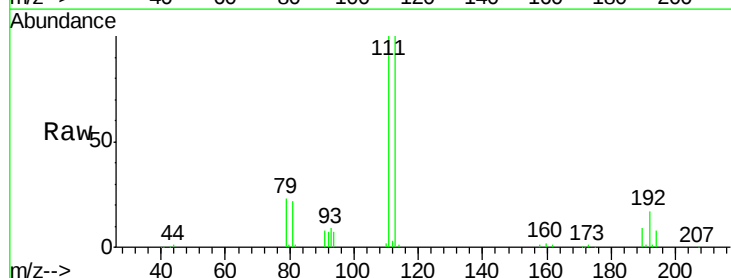
Tgt Ion:113 Resp: 145530

Ion Ratio Lower Upper

113 100

111 103.7 80.6 121.0

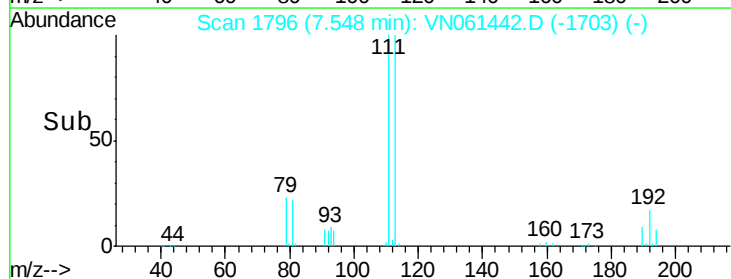
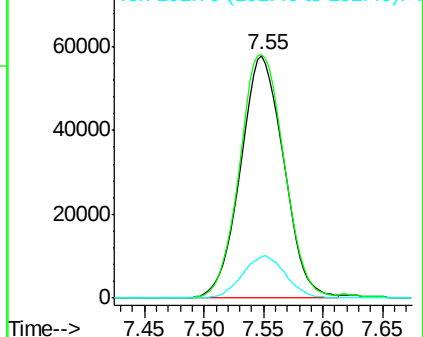
192 17.4 13.2 19.8

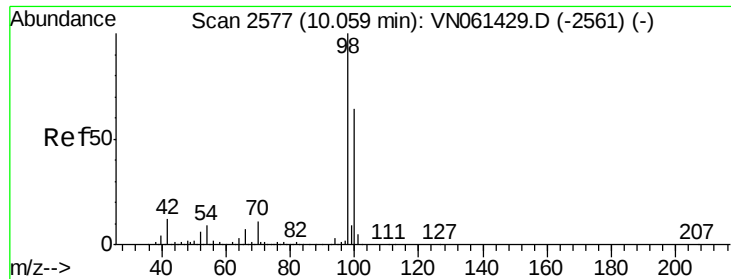


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.082 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061442.D

Acq: 18 May 2020 18:14

Instrument :

MSVOA_N

ClientSampled :

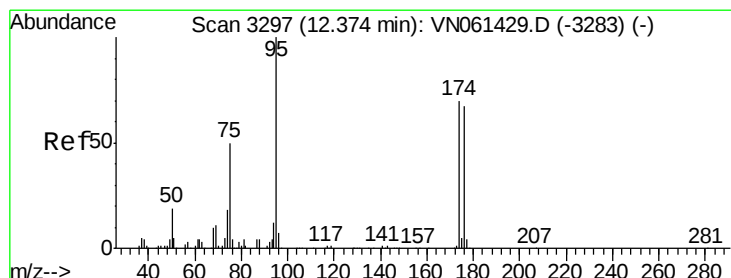
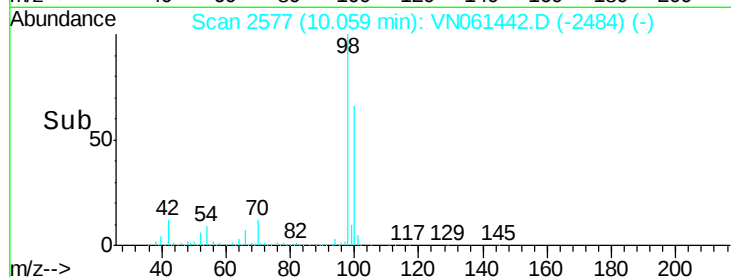
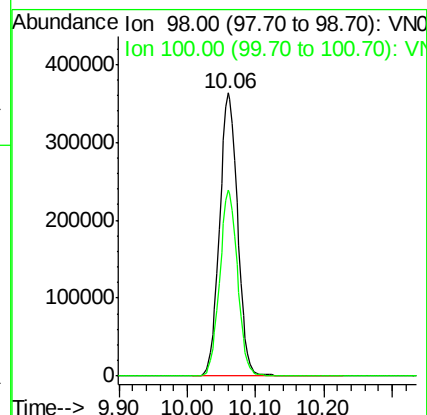
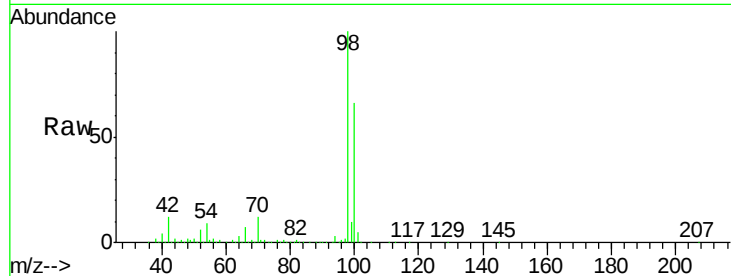
1364

Tot Ion: 98 Resp: 668621

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 54.280 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061442.D

Acq: 18 May 2020 18:14

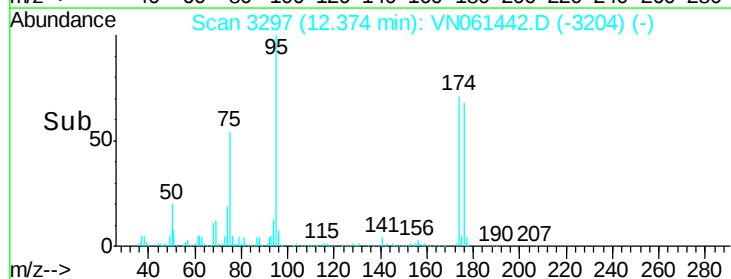
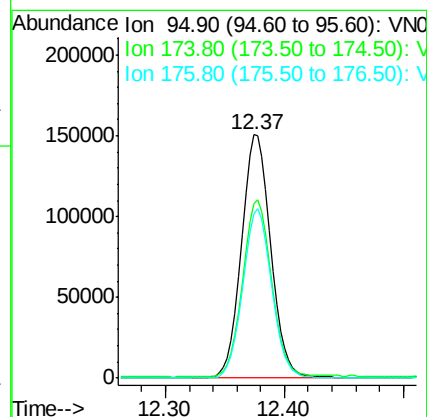
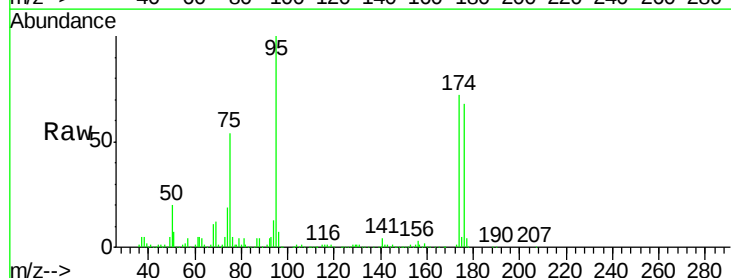
Tgt Ion: 95 Resp: 255437

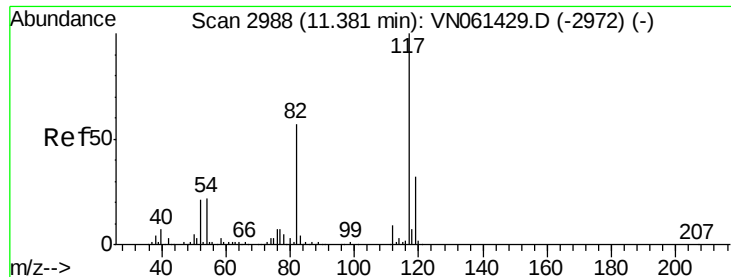
Ion Ratio Lower Upper

95 100

174 73.0 0.0 141.2

176 68.9 0.0 137.6

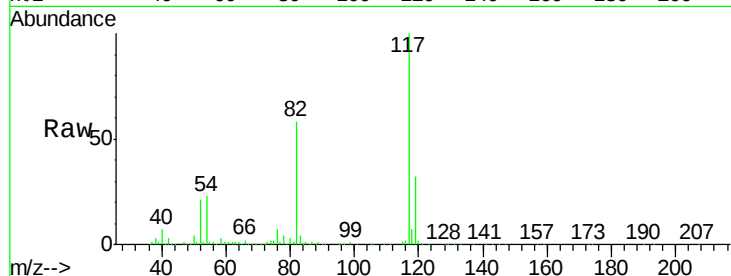




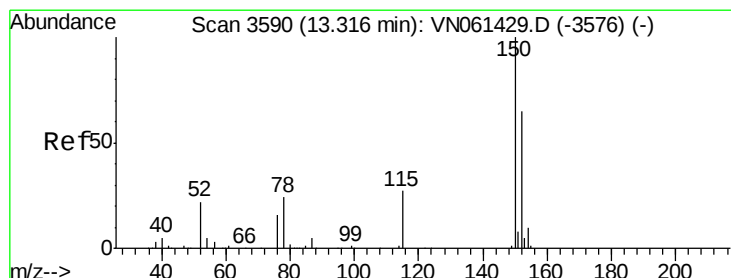
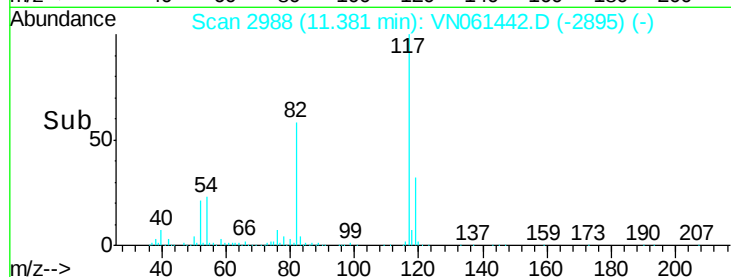
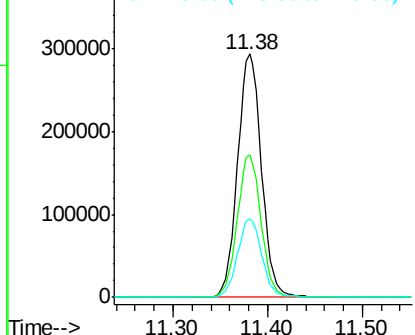
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061442.D
Acq: 18 May 2020 18:14

Instrument :
MSVOA_N
ClientSampleId :
1364

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.2	67.8
119	32.2	25.3	37.9

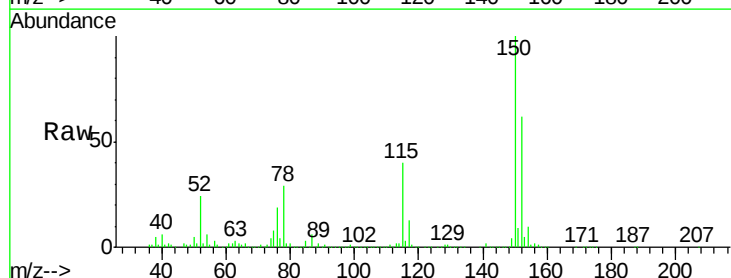


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061442.D
Acq: 18 May 2020 18:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	30.9	92.5
150	159.9	0.0	349.2



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

