

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061792.D
 Acq On : 12 Jun 2020 15:37
 Operator : JC/MD
 Sample : L2988-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D2-20200609

Quant Time: Jun 13 06:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

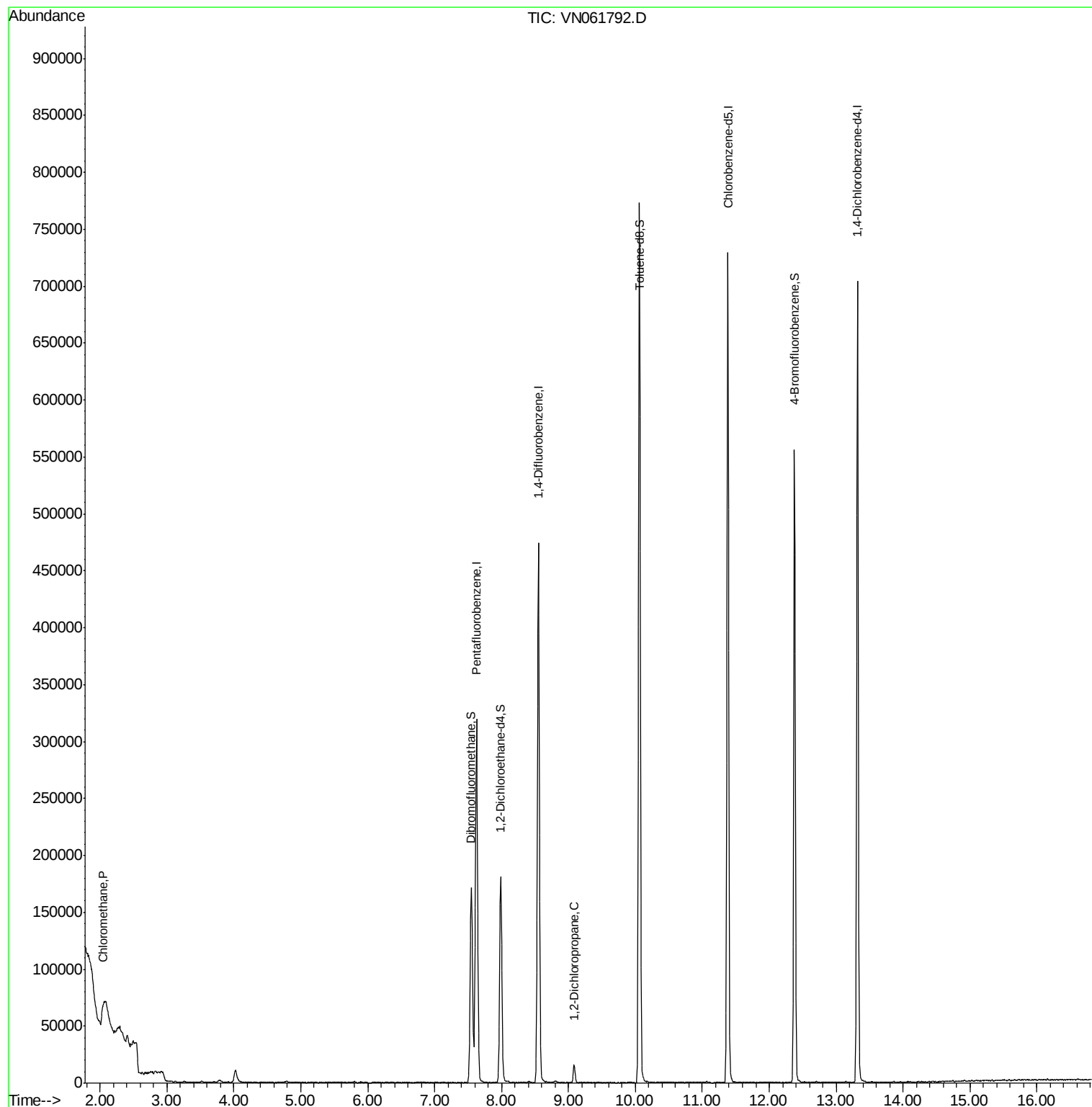
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	273263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	153659	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	7.55	113	133355	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.38%	
50) Toluene-d8	10.06	98	556018	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.38	95	191856	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
Target Compounds						
3) Chloromethane	2.03	50	2322	0.697	ug/l	97
45) 1,2-Dichloropropane	9.09	63	6213	2.084	ug/l #	85

(#) = 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: VN061792.D

Acq: 12 Jun 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

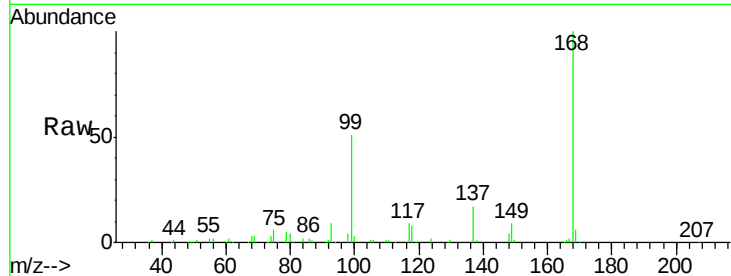
RE135D2-20200609

Tot Ion:168 Resp: 273263

Ion Ratio Lower Upper

168 100

99 50.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061792.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061792.D (-1727) (-)

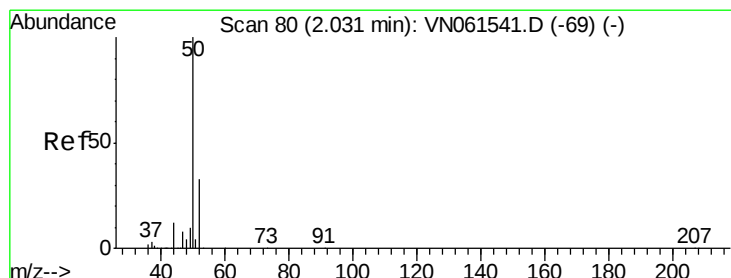
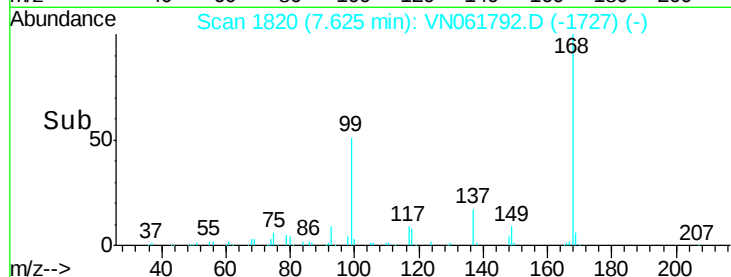
7.63

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.697 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061792.D

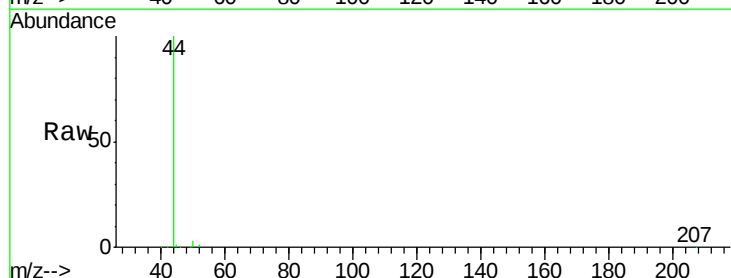
Acq: 12 Jun 2020 15:37

Tgt Ion: 50 Resp: 2322

Ion Ratio Lower Upper

50 100

52 31.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061792.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061792.D (-1) (-)

2.03

2000

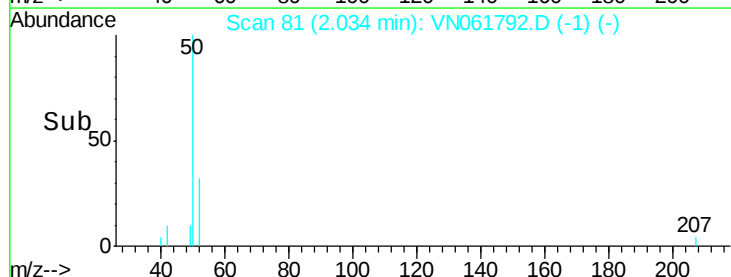
1500

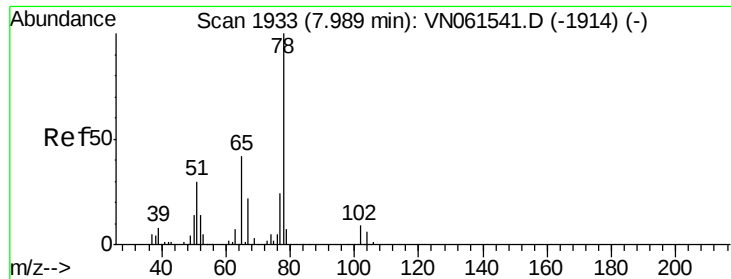
1000

500

0

Time--> 2.00 2.05





#33

1,2-Dichloroethane-d4

Concen: 47.196 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061792.D

Acq: 12 Jun 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

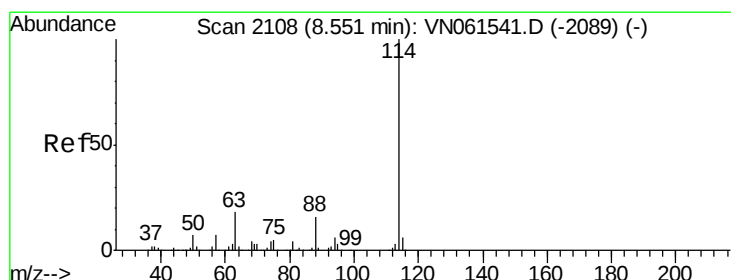
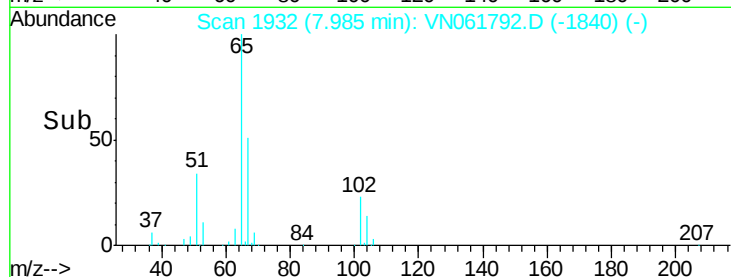
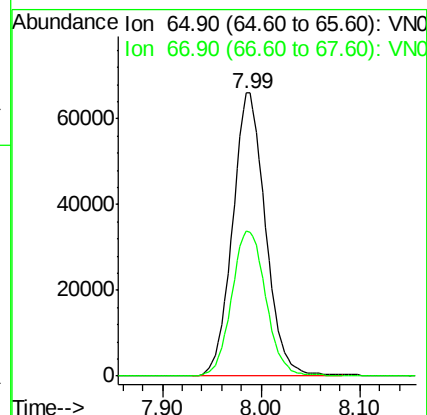
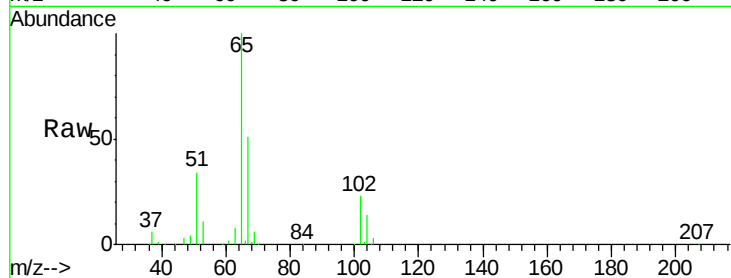
RE135D2-20200609

Tot Ion: 65 Resp: 153659

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061792.D

Acq: 12 Jun 2020 15:37

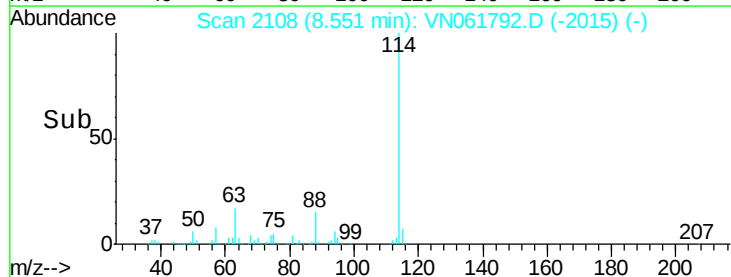
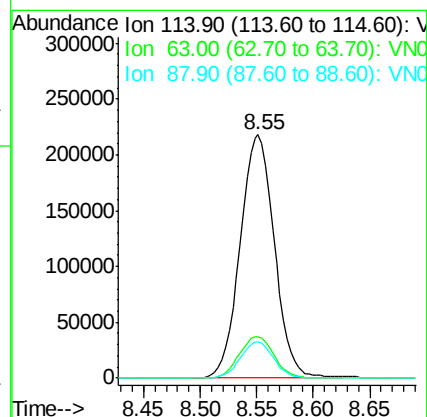
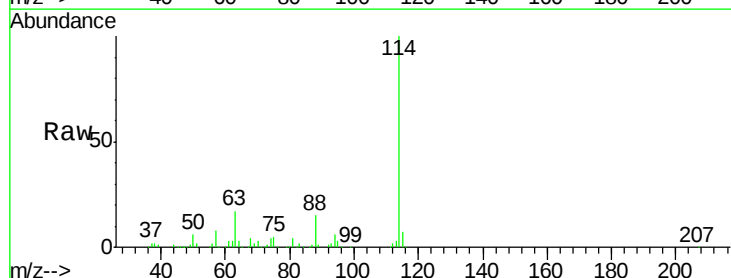
Tgt Ion: 114 Resp: 459682

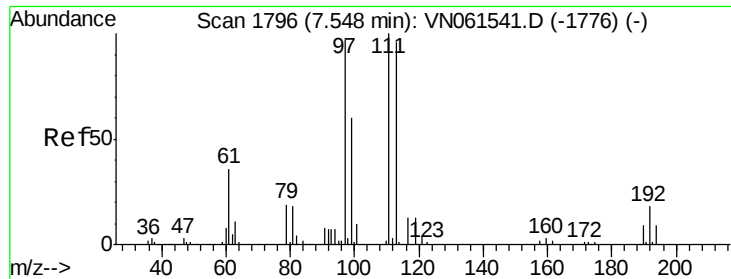
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.8

88 15.0 0.0 31.0

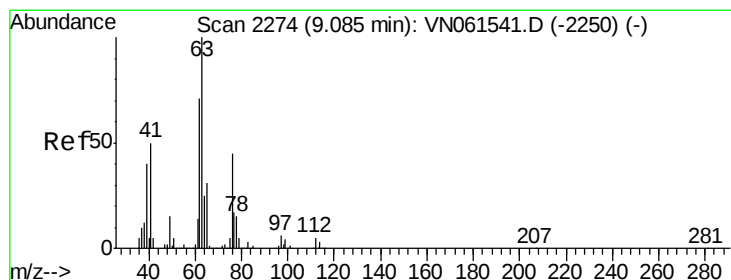
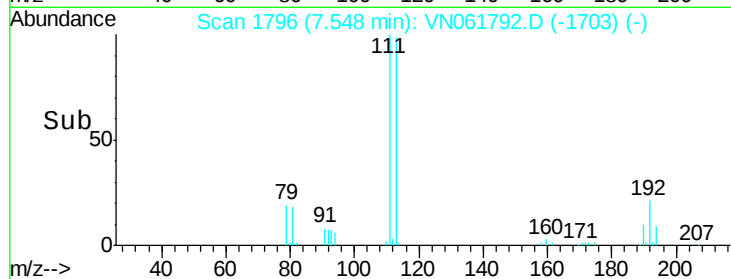
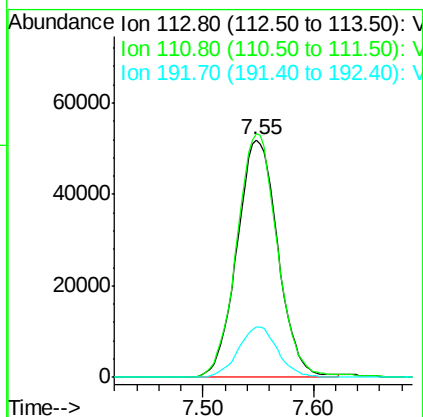
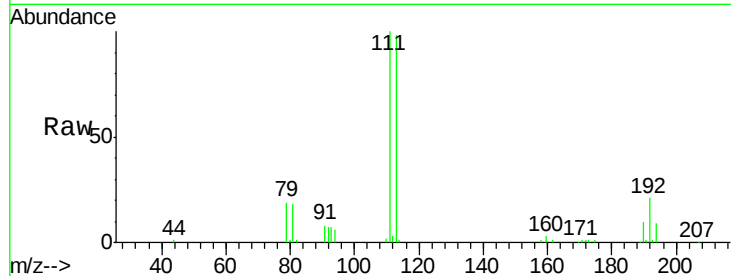




#35
 Dibromofluoromethane
 Concen: 57.188 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061792.D
 Acq: 12 Jun 2020 15:37

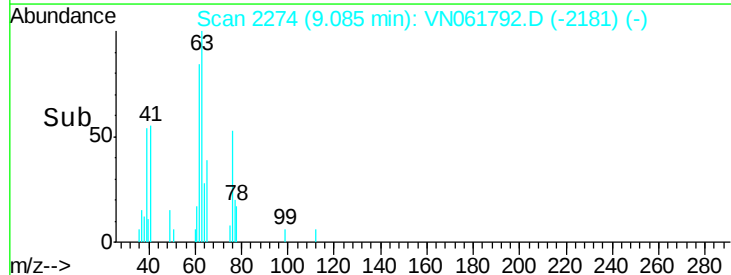
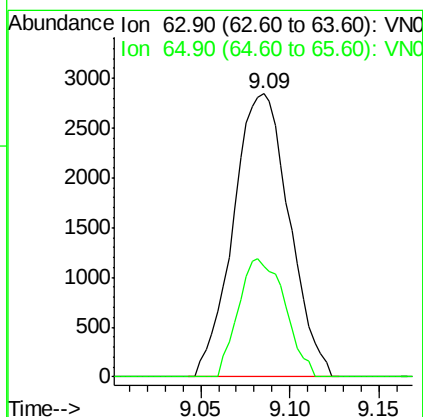
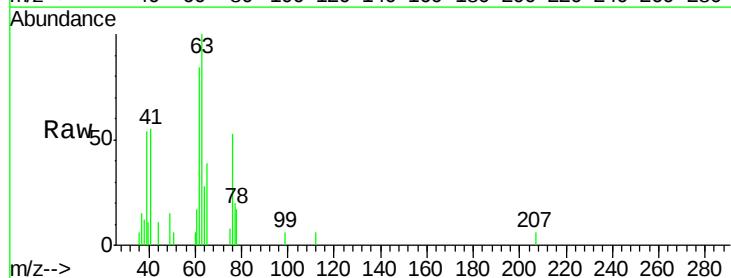
Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D2-20200609

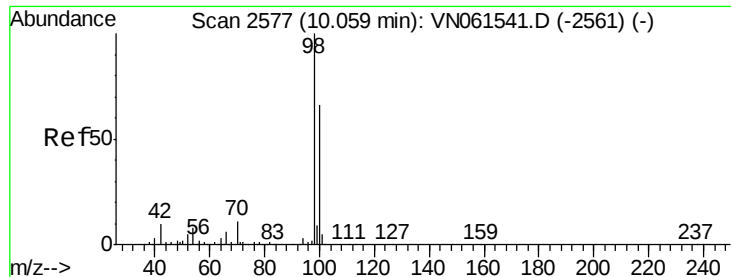
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.0
192	20.4	15.4	23.2



#45
 1,2-Dichloropropane
 Concen: 2.084 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061792.D
 Acq: 12 Jun 2020 15:37

Tgt Ion	Ratio	Lower	Upper
63	100		
65	39.2	24.7	37.1#





#50

Toluene-d8

Concen: 51.453 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061792.D

Acq: 12 Jun 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

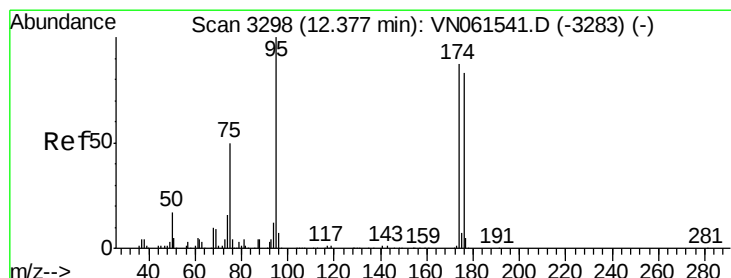
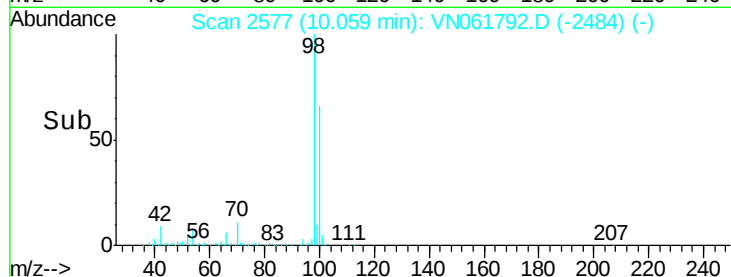
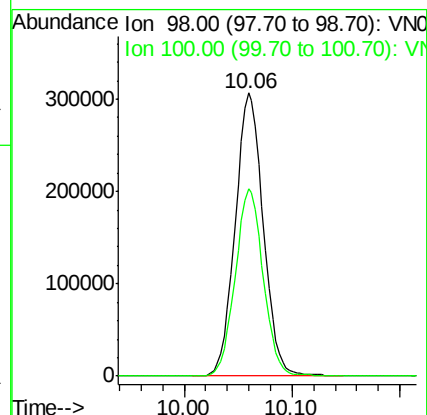
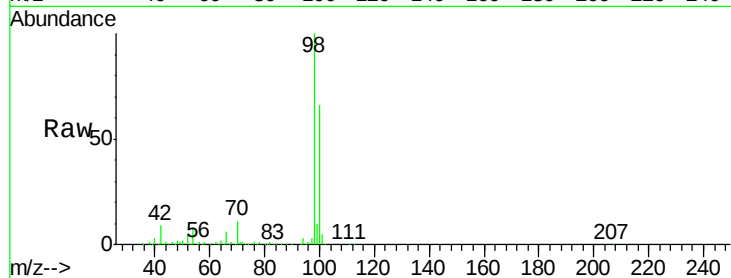
RE135D2-20200609

Tot Ion: 98 Resp: 556018

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 48.664 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061792.D

Acq: 12 Jun 2020 15:37

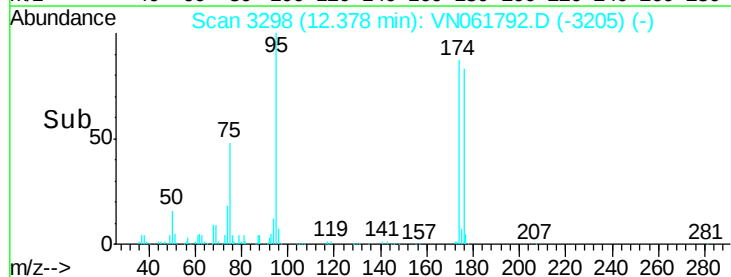
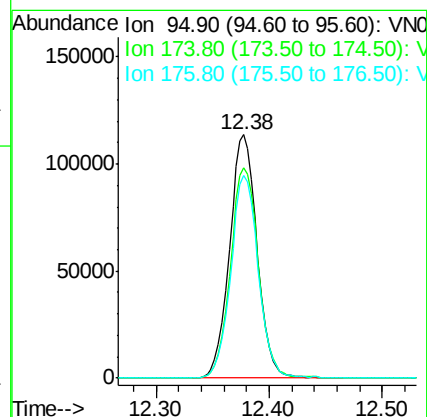
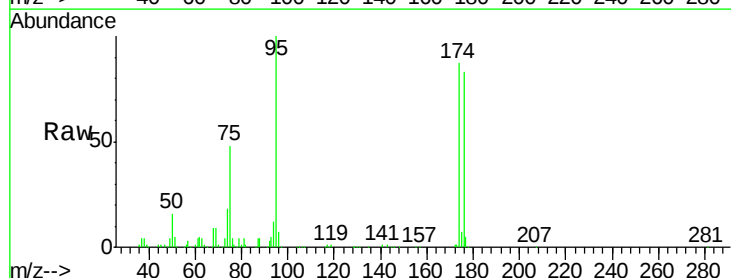
Tgt Ion: 95 Resp: 191856

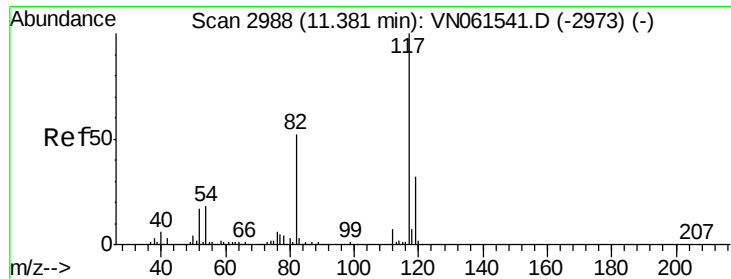
Ion Ratio Lower Upper

95 100

174 87.7 0.0 172.8

176 83.0 0.0 164.8

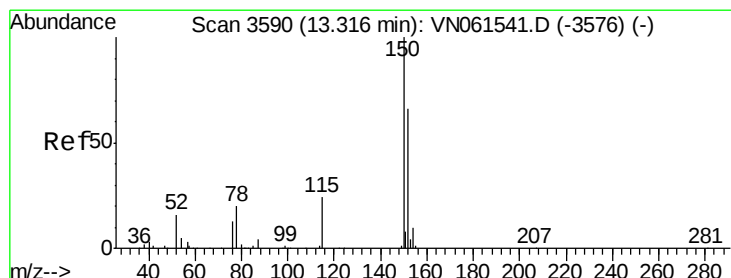
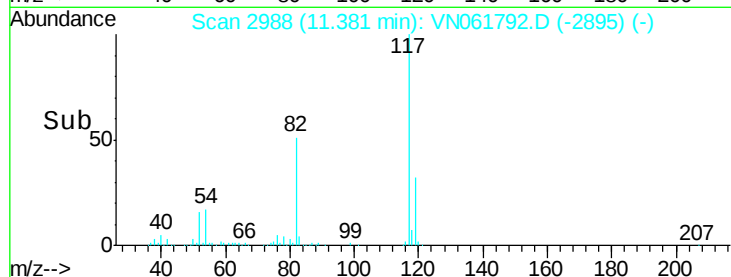
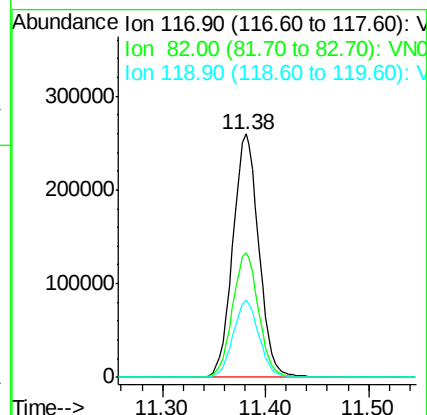
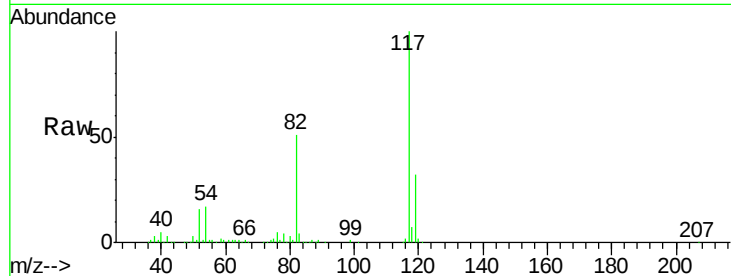




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061792.D
Acq: 12 Jun 2020 15:37

Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20200609

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.5	62.3
119	31.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061792.D
Acq: 12 Jun 2020 15:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.0	84.0
150	155.7	0.0	344.0

