

Data File : VN061747.D
Acq On : 11 Jun 2020 15:17
Operator : JC/MD
Sample : L2988-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE132D3-20200608

Quant Time: Jun 22 00:56:41 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	293110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	489746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	160032	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
35) Dibromofluoromethane	7.55	113	136660	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
50) Toluene-d8	10.06	98	589780	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.38	95	200271	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	

Target Compounds

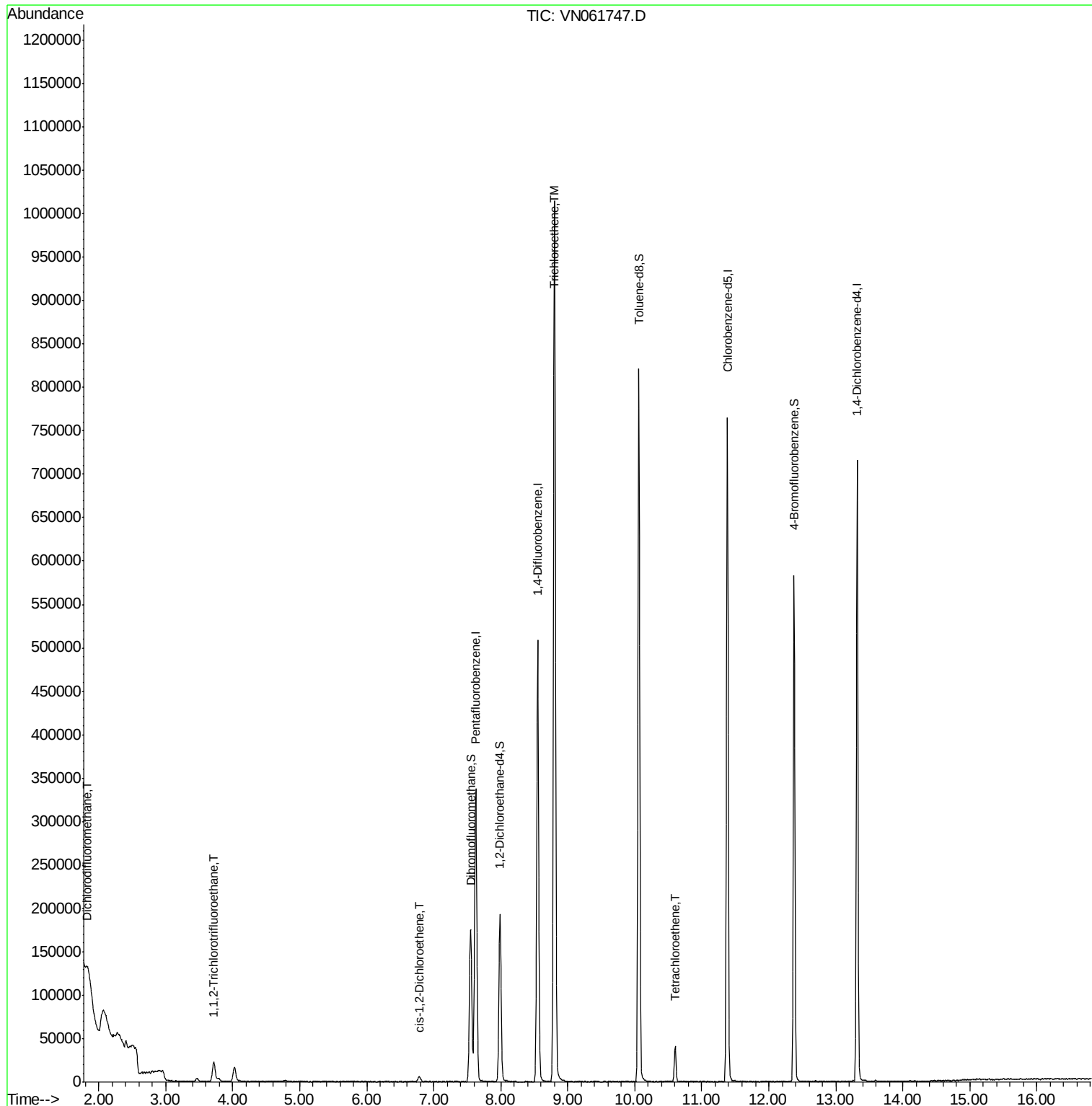
						Qvalue
2) Dichlorodifluoromethane	1.83	85	2192	1.781	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	14353	5.120	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	3927	1.027	ug/l	93
44) Trichloroethene	8.80	130	401089	97.563	ug/l	96
64) Tetrachloroethene	10.60	164	10138	2.253	ug/l	94

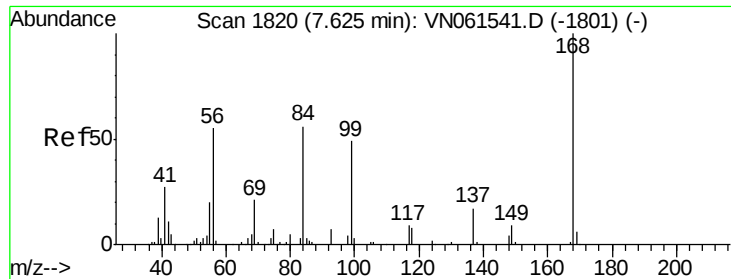
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Acq: 11 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

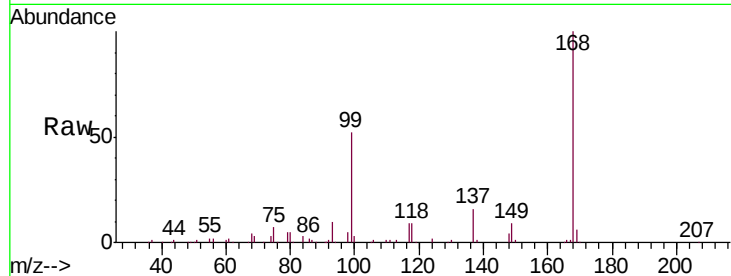
RE132D3-20200608

Tgt Ion:168 Resp: 293110

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

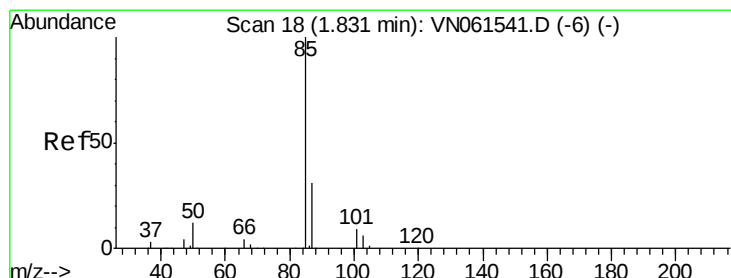
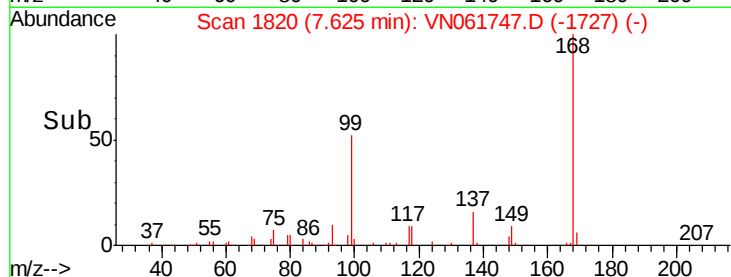
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.781 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061747.D

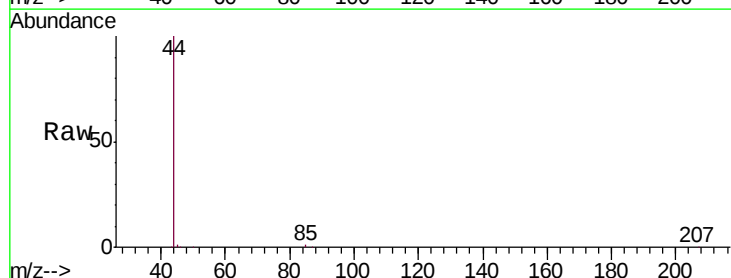
Acq: 11 Jun 2020 15:17

Tgt Ion: 85 Resp: 2192

Ion Ratio Lower Upper

85 100

87 29.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

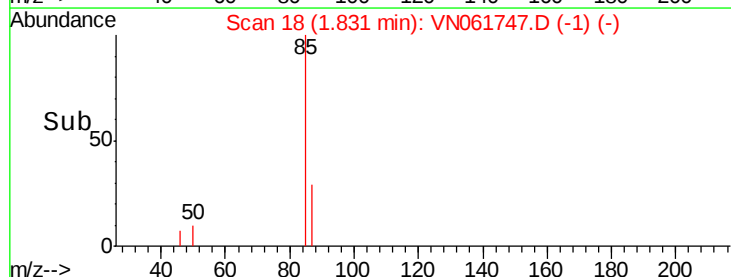
1500

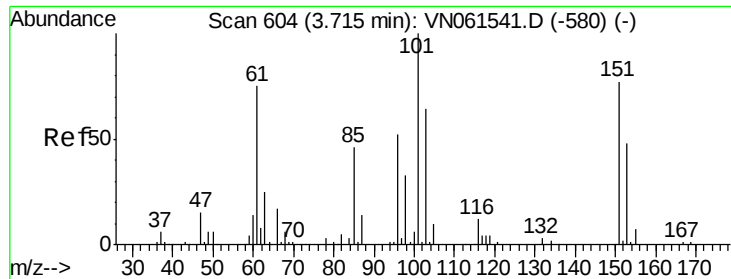
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.120 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061747.D

Acq: 11 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

RE132D3-20200608

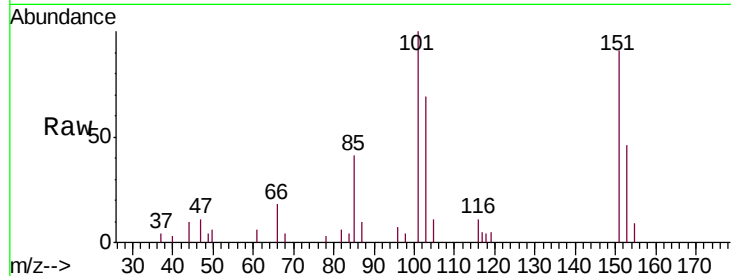
Tgt Ion:101 Resp: 14353

Ion Ratio Lower Upper

101 100

85 41.7 35.2 52.8

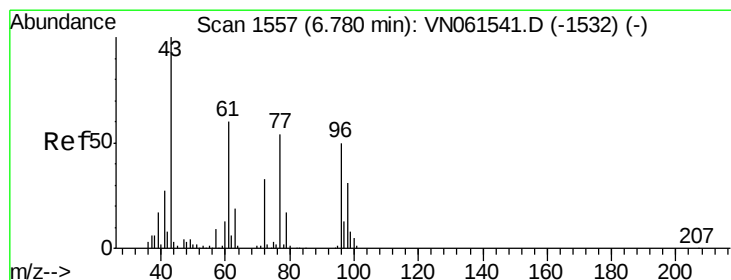
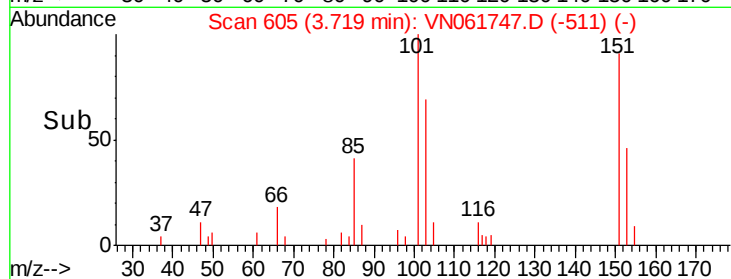
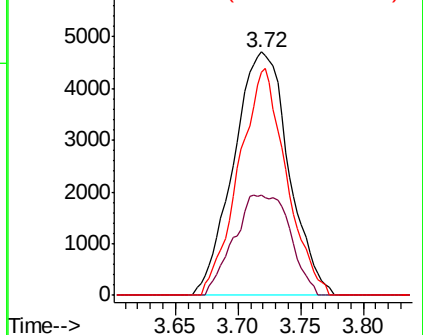
151 80.7 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#27

cis-1,2-Dichloroethene

Concen: 1.027 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061747.D

Acq: 11 Jun 2020 15:17

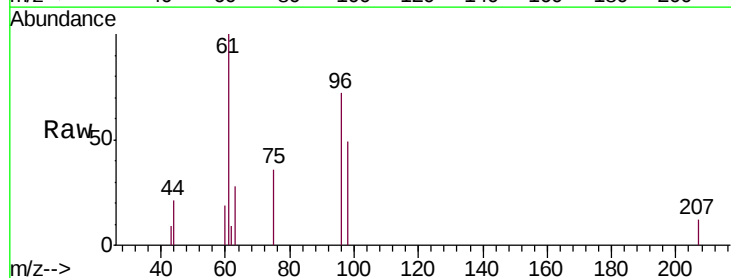
Tgt Ion: 96 Resp: 3927

Ion Ratio Lower Upper

96 100

61 116.7 0.0 252.2

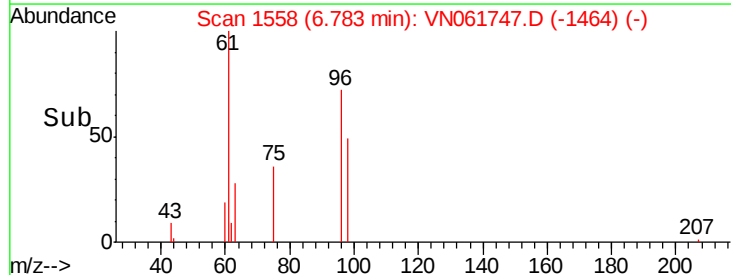
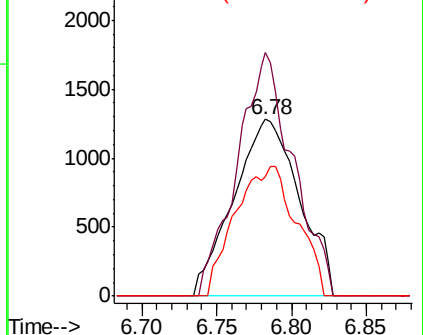
98 68.0 0.0 129.2

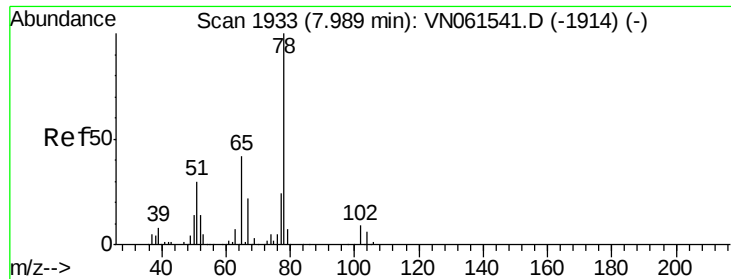


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

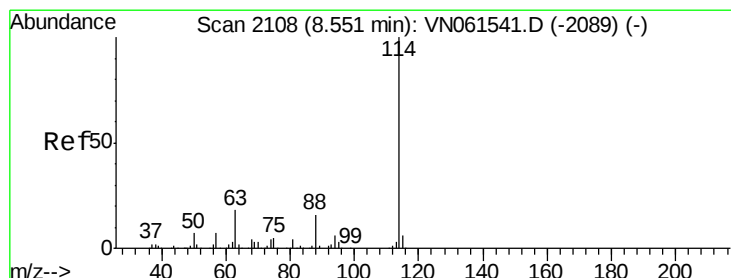
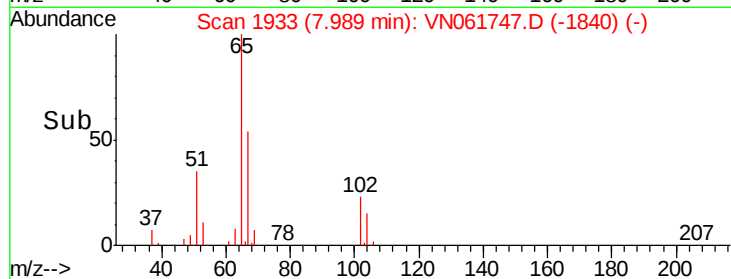
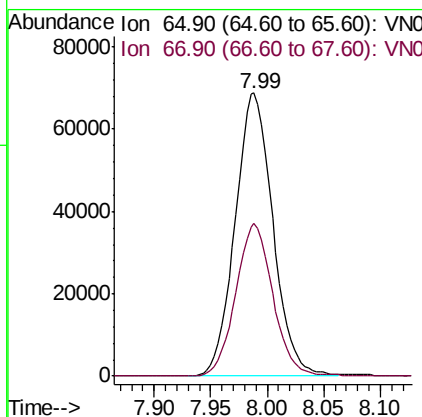
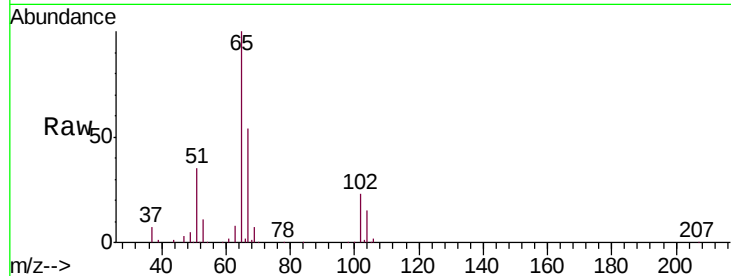




#33
 1,2-Dichloroethane-d4
 Concen: 45.825 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061747.D
 Acq: 11 Jun 2020 15:17

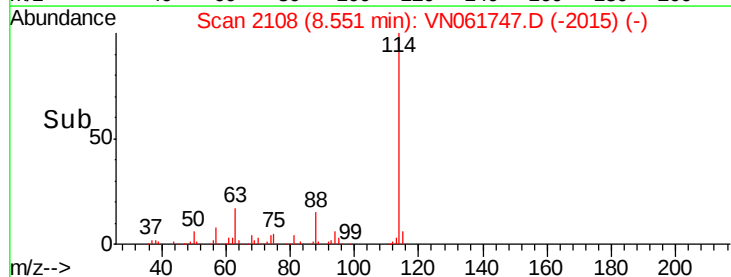
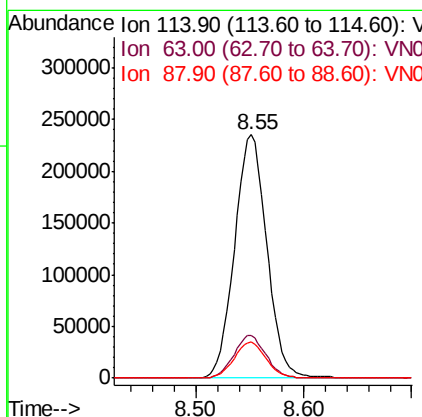
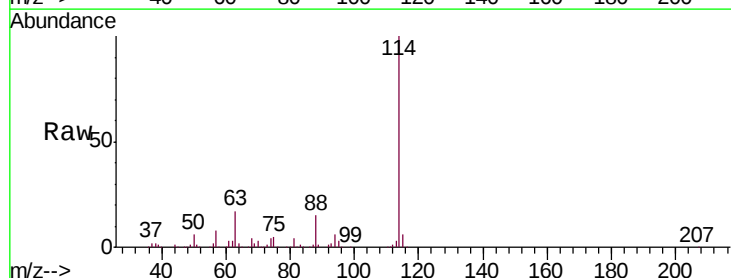
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D3-20200608

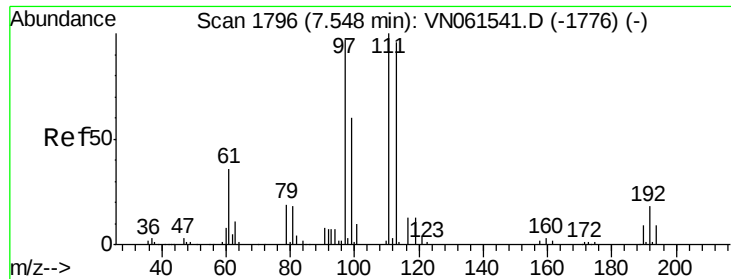
Tgt Ion: 65 Resp: 160032
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061747.D
 Acq: 11 Jun 2020 15:17

Tgt Ion: 114 Resp: 489746
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.7 0.0 31.0

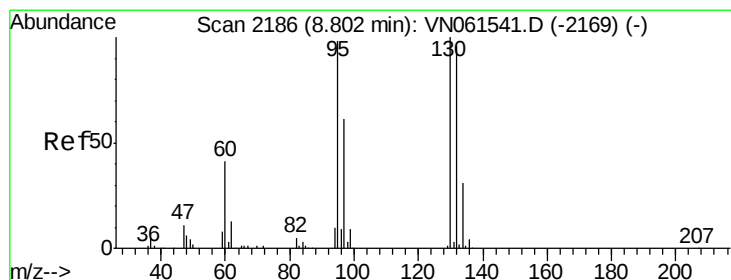
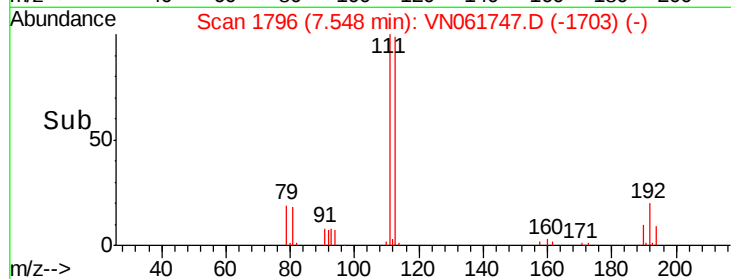
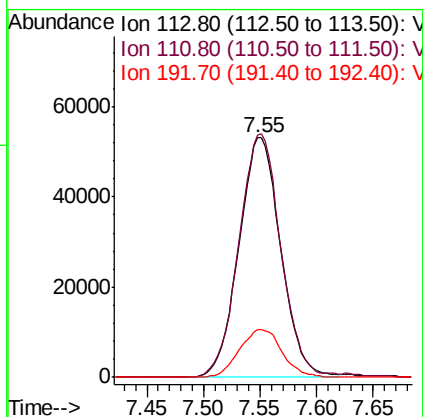
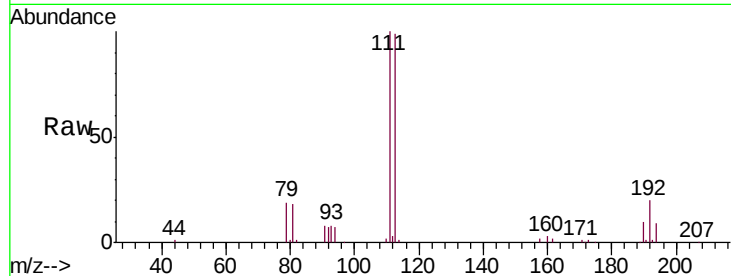




#35
 Dibromofluoromethane
 Concen: 55.007 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061747.D
 Acq: 11 Jun 2020 15:17

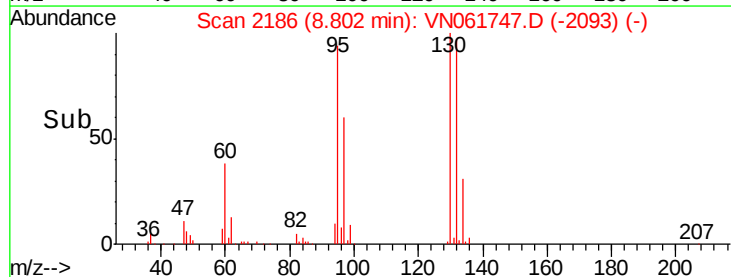
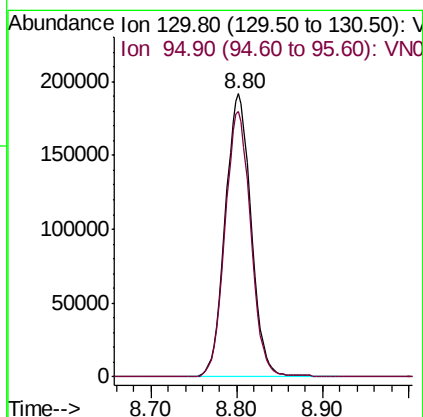
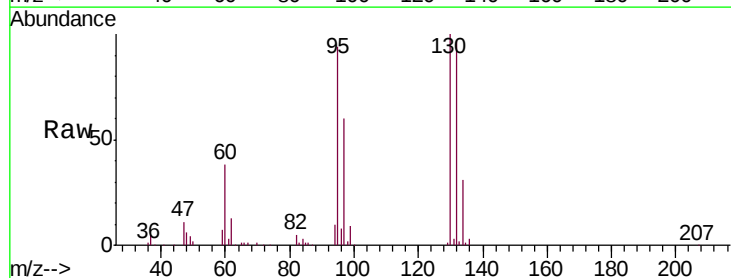
Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D3-20200608

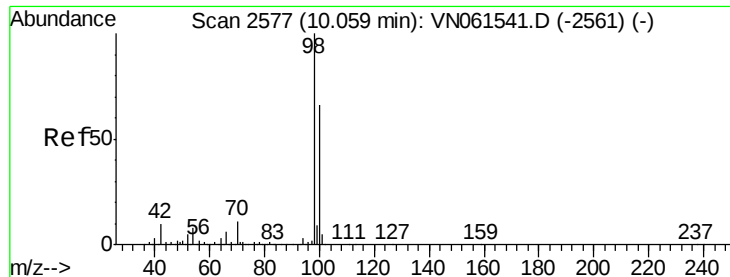
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.0
192	20.3	15.4	23.2



#44
 Trichloroethene
 Concen: 97.563 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061747.D
 Acq: 11 Jun 2020 15:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	196.6





#50

Toluene-d8

Concen: 51.227 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061747.D

Acq: 11 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

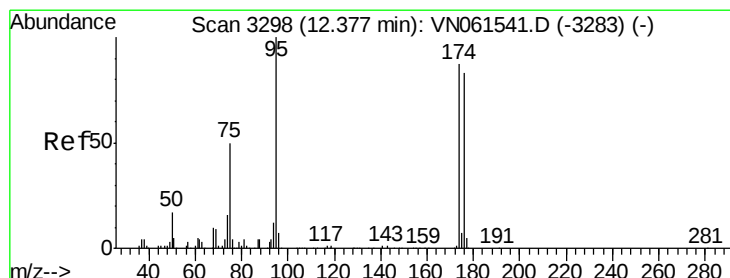
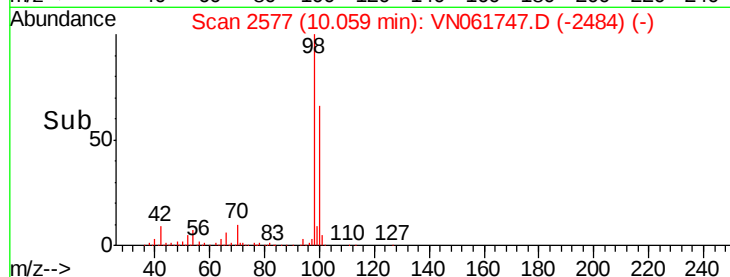
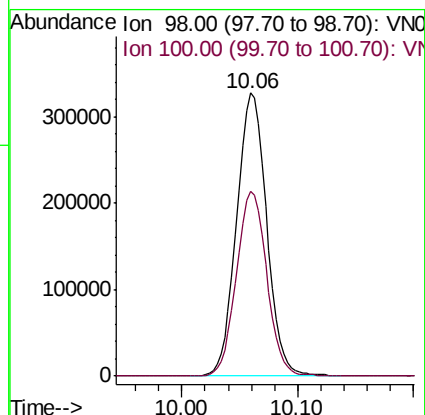
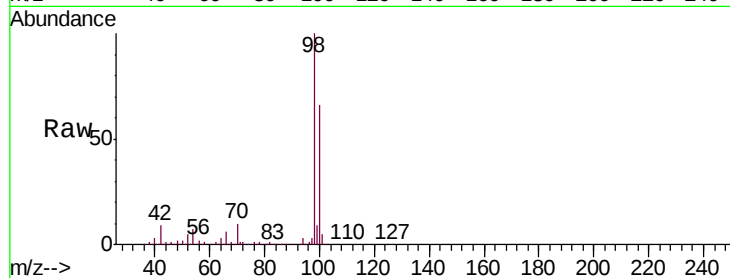
RE132D3-20200608

Tgt Ion: 98 Resp: 589780

Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.680 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061747.D

Acq: 11 Jun 2020 15:17

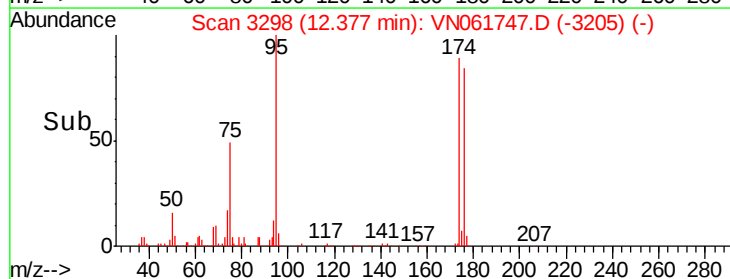
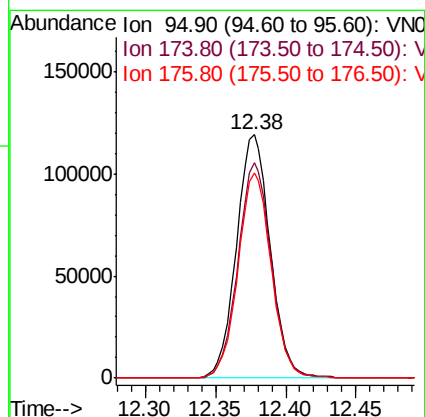
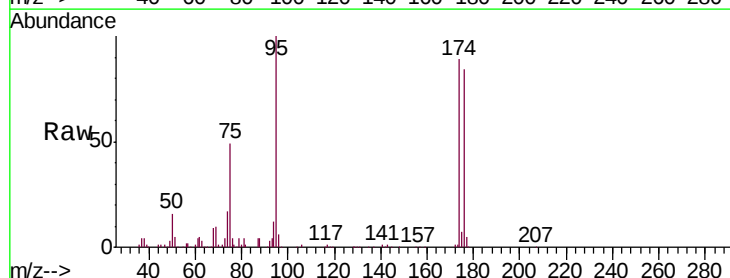
Tgt Ion: 95 Resp: 200271

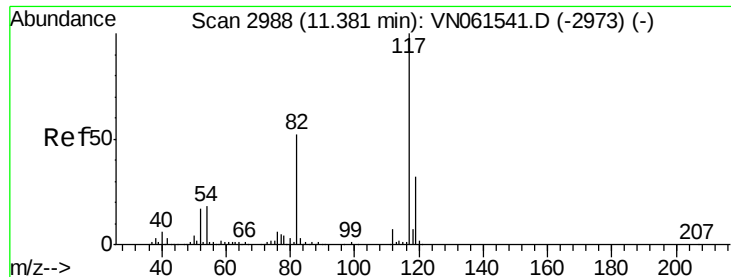
Ion Ratio Lower Upper

95 100

174 87.7 0.0 172.8

176 83.0 0.0 164.8

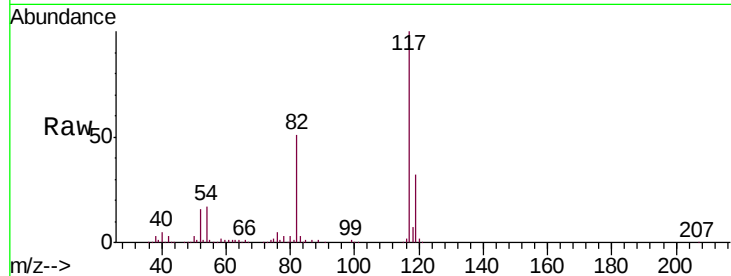




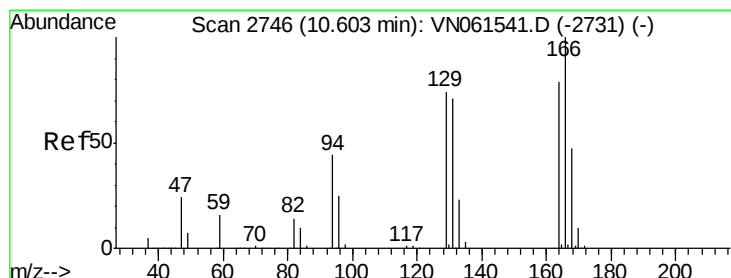
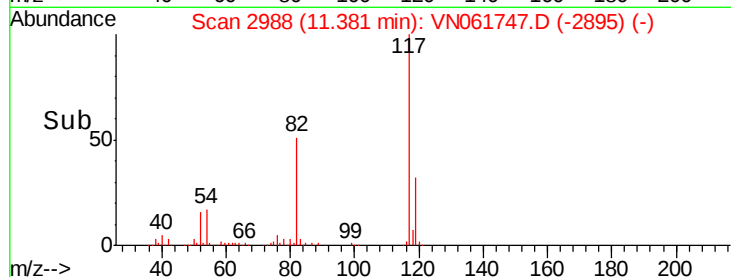
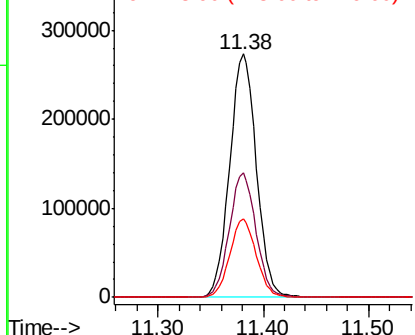
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061747.D
Acq: 11 Jun 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
RE132D3-20200608

Tgt Ion:117 Resp: 478071
Ion Ratio Lower Upper
117 100
82 51.0 41.5 62.3
119 32.2 25.6 38.4

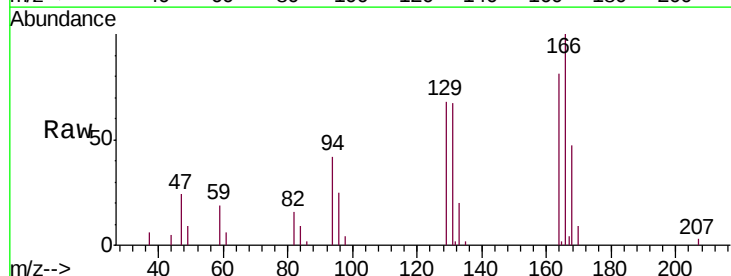


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

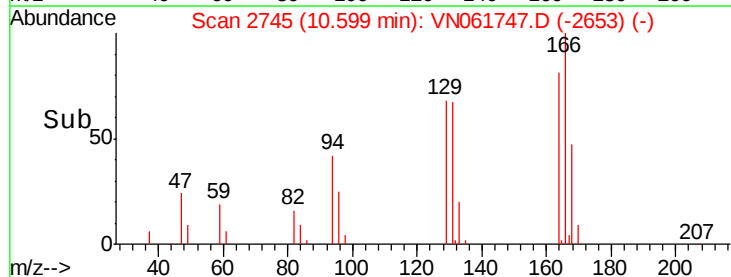
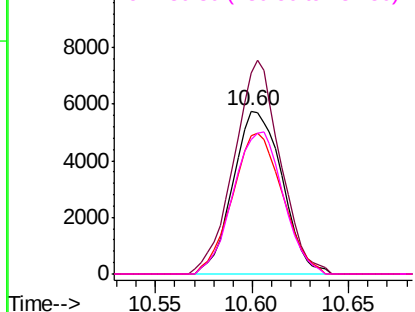


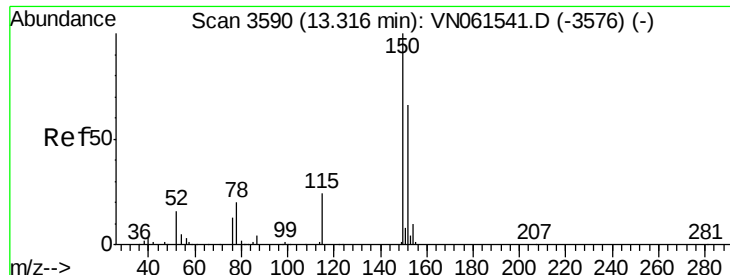
#64
Tetrachloroethene
Concen: 2.253 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061747.D
Acq: 11 Jun 2020 15:17

Tgt Ion:164 Resp: 10138
Ion Ratio Lower Upper
164 100
166 123.6 101.5 152.3
129 84.6 74.9 112.3
131 82.5 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VN061747.D

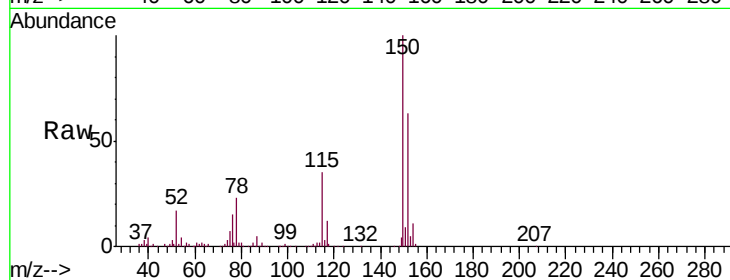
Acq: 11 Jun 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

RE132D3-20200608



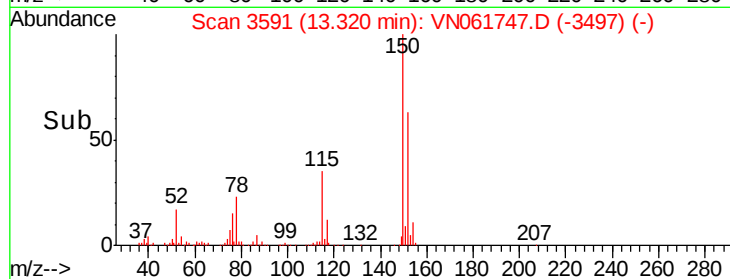
Tgt Ion:152 Resp: 204808

Ion Ratio Lower Upper

152 100

115 56.7 28.0 84.0

150 155.5 0.0 344.0



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

