

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061507.D
 Acq On : 20 May 2020 17:50
 Operator : JC/MD
 Sample : L2676-02DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0689DL

Quant Time: May 21 02:21:49 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

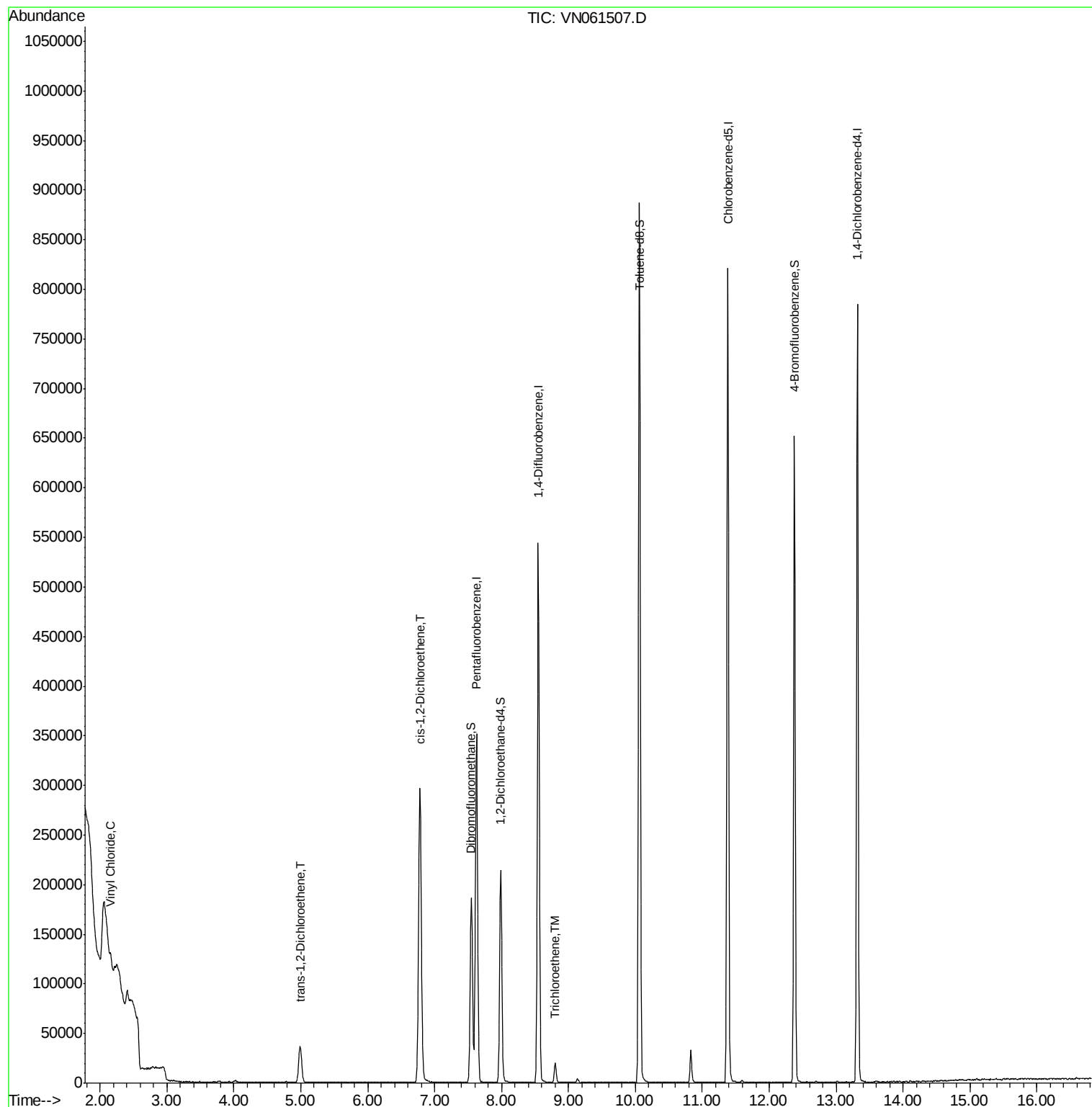
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	279637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	489364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186954	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
35) Dibromofluoromethane	7.55	113	144400	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
50) Toluene-d8	10.06	98	626255	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.37	95	234738	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
Target Compounds						
4) Vinyl Chloride	2.16	62	6349	1.170	ug/l #	87
21) trans-1,2-Dichloroethene	4.99	96	25319	7.660	ug/l	91
27) cis-1,2-Dichloroethene	6.78	96	207249	53.083	ug/l	84
44) Trichloroethene	8.80	130	7102	1.888	ug/l	87

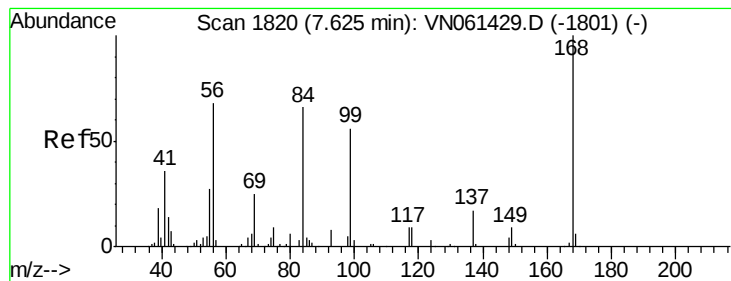
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
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: VN061507.D

Acq: 20 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleID :

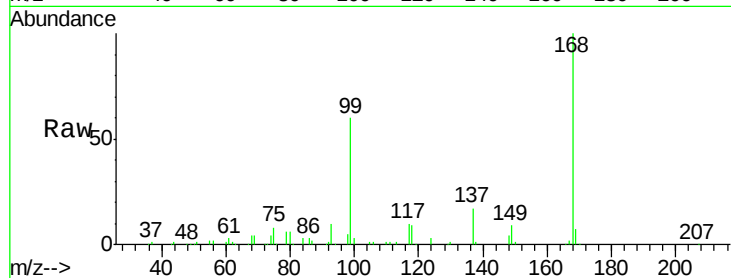
S32-0689DL

Tot Ion:168 Resp: 279637

Ion Ratio Lower Upper

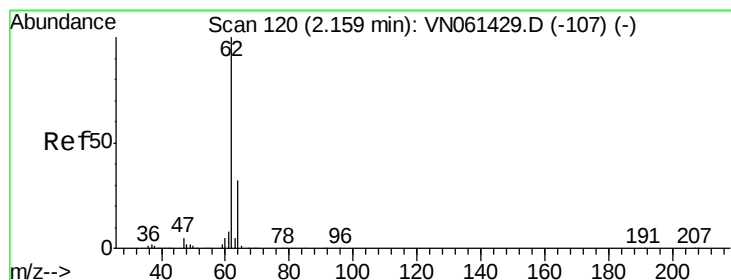
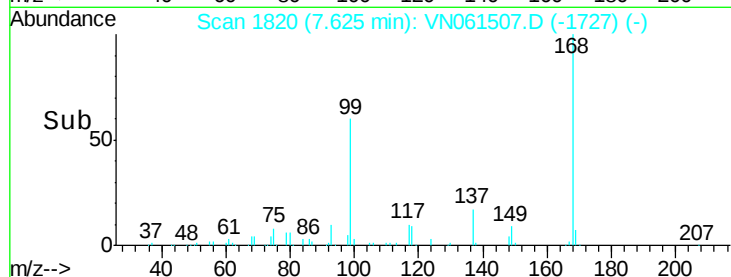
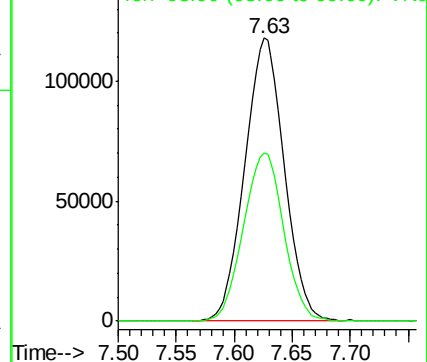
168 100

99 59.6 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 1.170 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061507.D

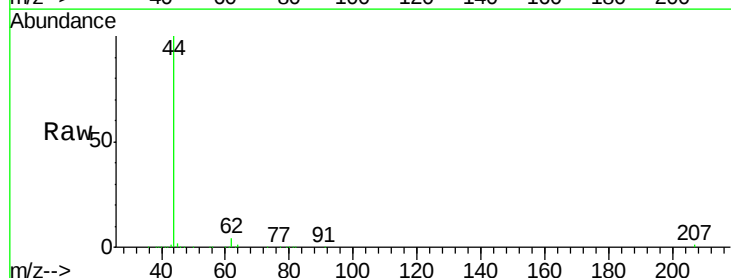
Acq: 20 May 2020 17:50

Tgt Ion: 62 Resp: 6349

Ion Ratio Lower Upper

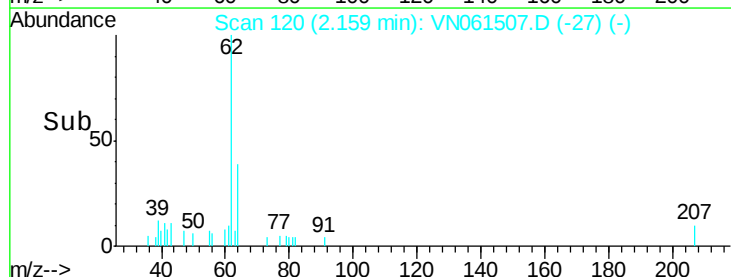
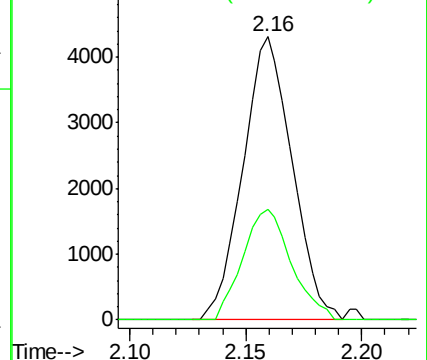
62 100

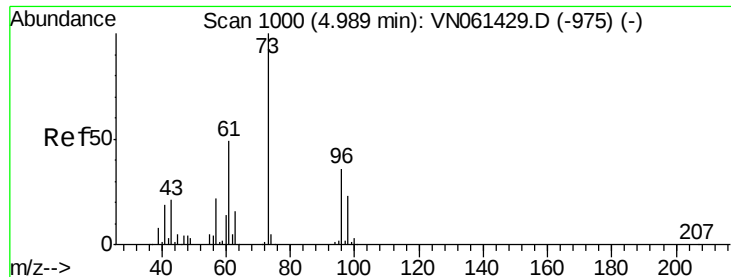
64 38.8 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 7.660 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061507.D

Acq: 20 May 2020 17:50

Instrument :

MSVOA_N

ClientSampled :

S32-0689DL

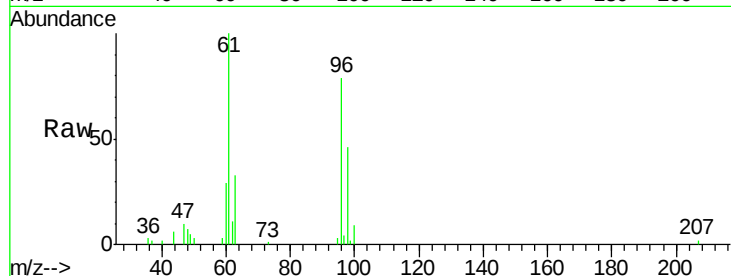
Tot Ion: 96 Resp: 25319

Ion Ratio Lower Upper

96 100

61 126.7 109.8 164.6

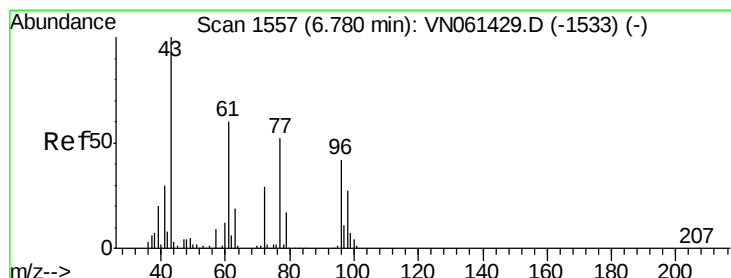
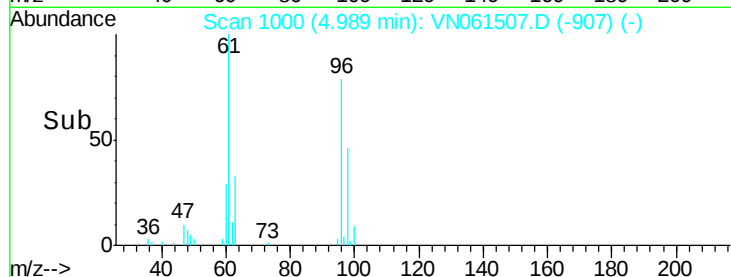
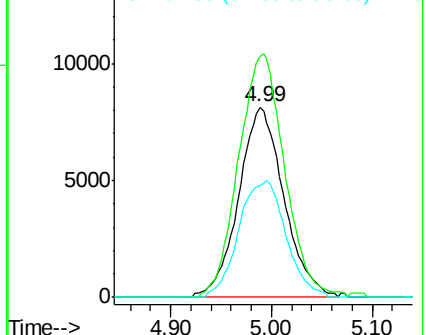
98 58.5 52.4 78.6



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



#27

cis-1,2-Dichloroethene

Concen: 53.083 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061507.D

Acq: 20 May 2020 17:50

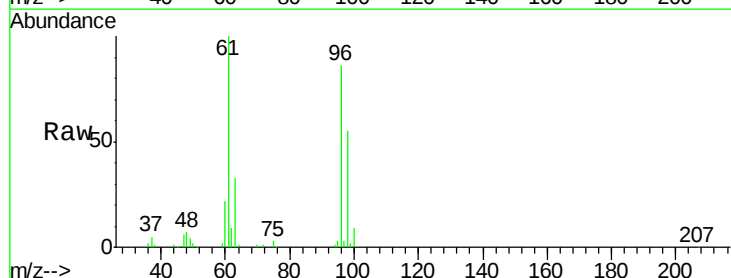
Tgt Ion: 96 Resp: 207249

Ion Ratio Lower Upper

96 100

61 119.3 0.0 294.2

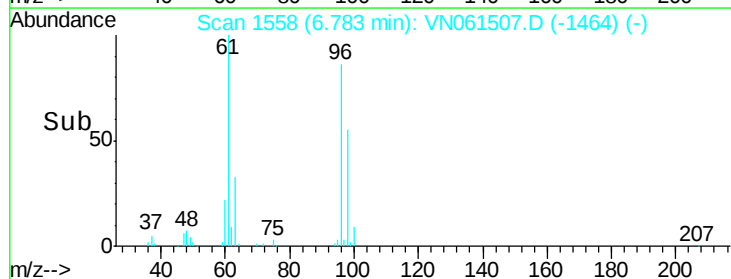
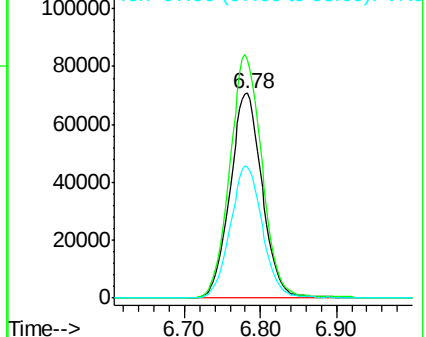
98 64.4 0.0 128.2

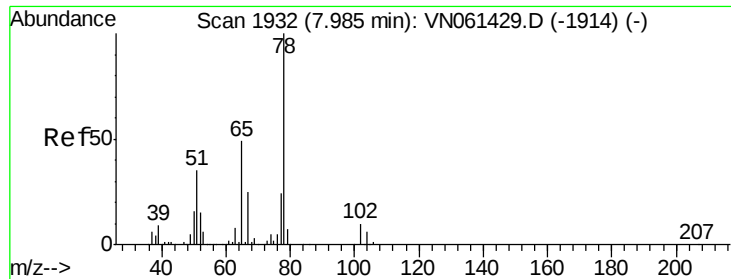


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

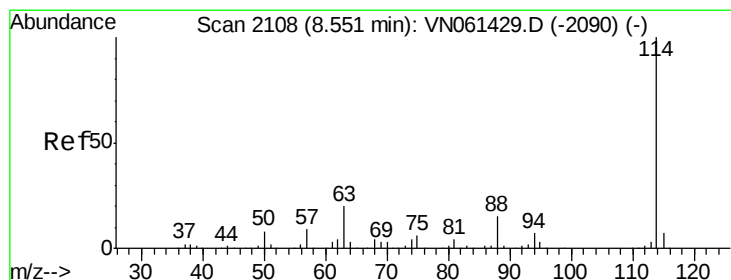
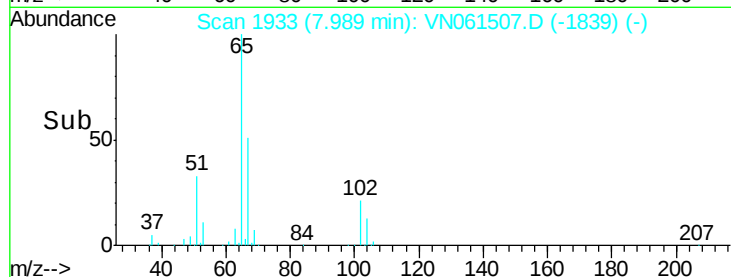
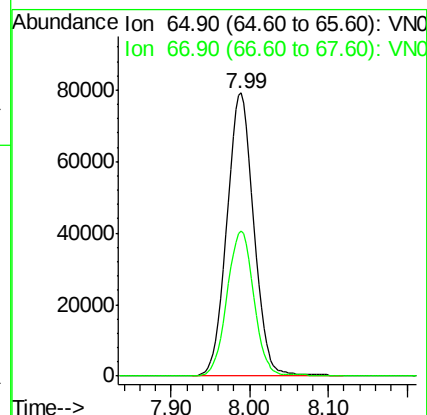
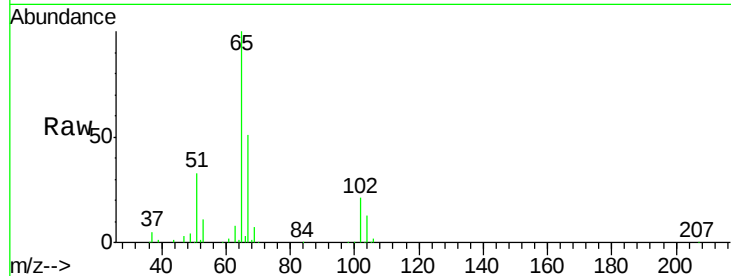




#33
 1,2-Dichloroethane-d4
 Concen: 44.796 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061507.D
 Acq: 20 May 2020 17:50

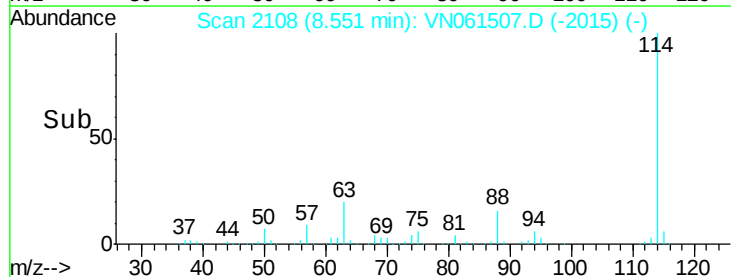
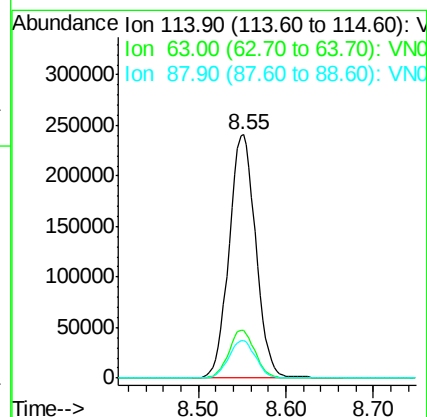
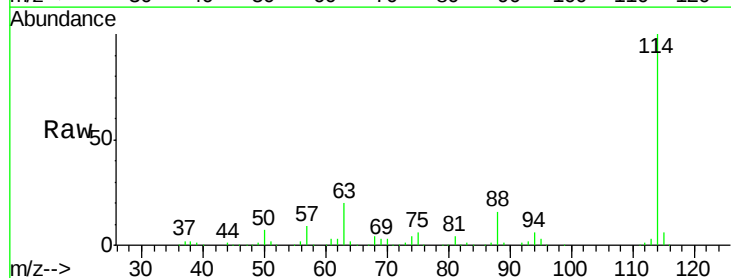
Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0689DL

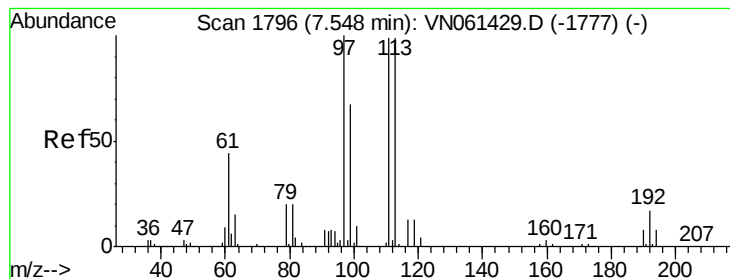
Tot Ion: 65 Resp: 186954
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061507.D
 Acq: 20 May 2020 17:50

Tgt Ion: 114 Resp: 509594
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.090 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061507.D

Acq: 20 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

S32-0689DL

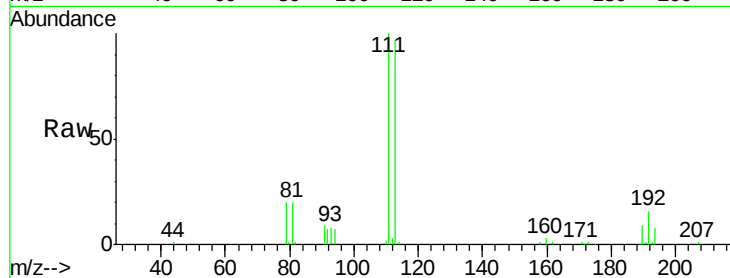
Tot Ion:113 Resp: 144400

Ion Ratio Lower Upper

113 100

111 102.9 80.6 121.0

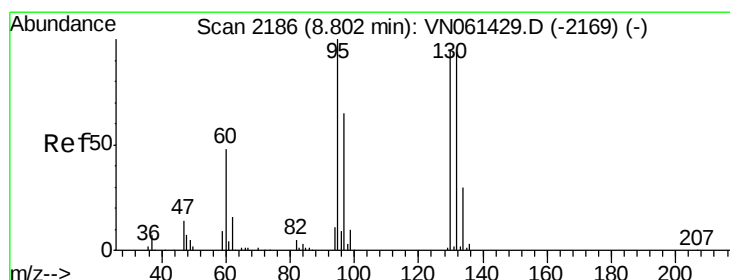
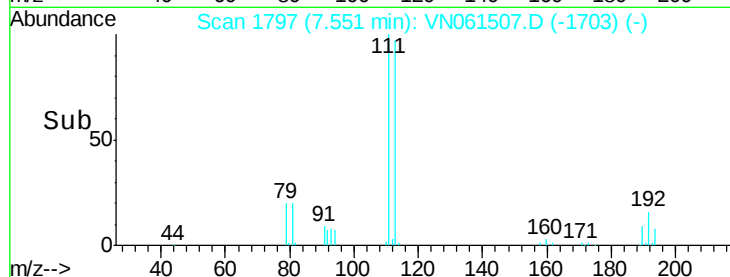
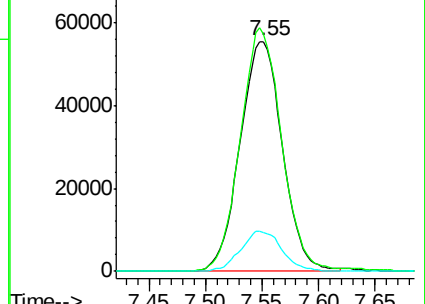
192 17.2 13.2 19.8



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



#44

Trichloroethene

Concen: 1.888 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061507.D

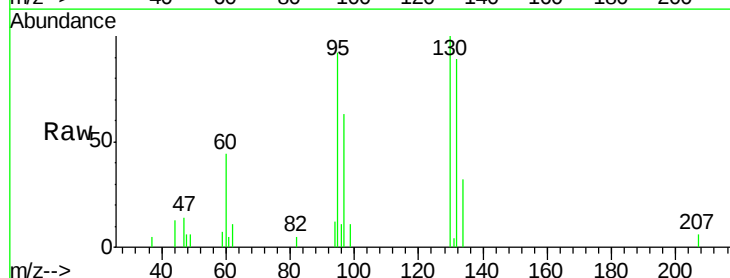
Acq: 20 May 2020 17:50

Tgt Ion:130 Resp: 7102

Ion Ratio Lower Upper

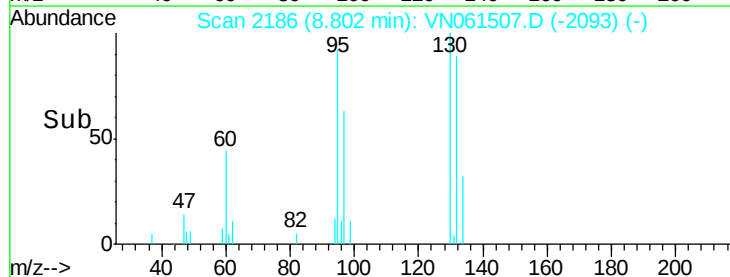
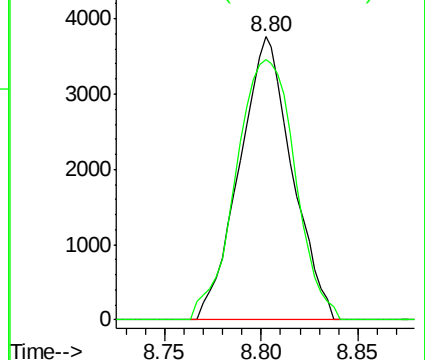
130 100

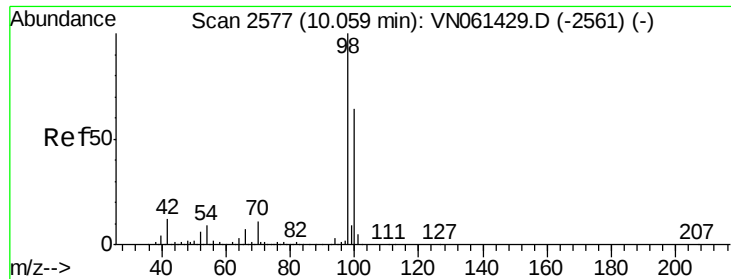
95 92.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.576 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061507.D

Acq: 20 May 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

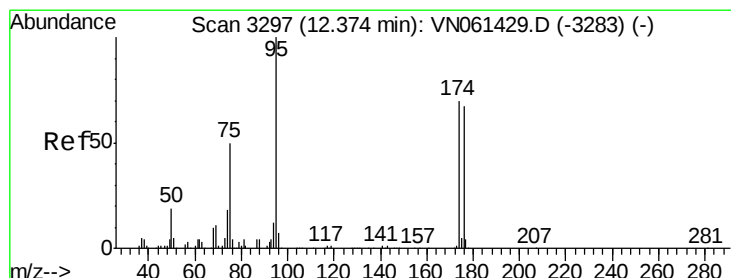
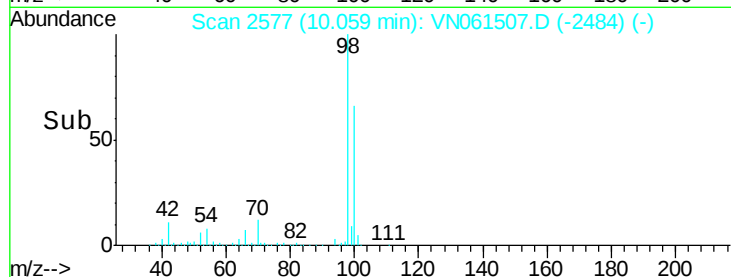
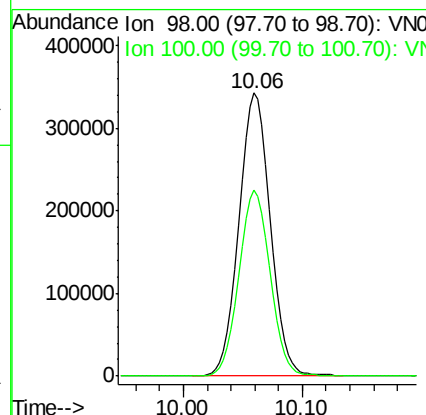
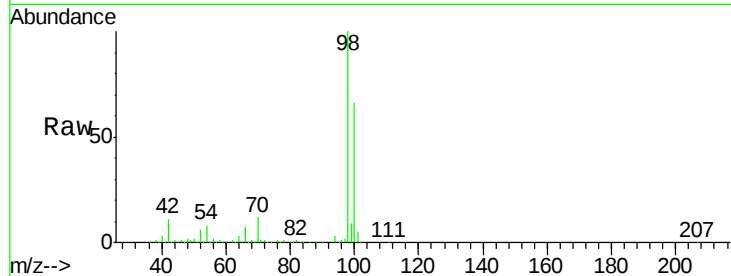
S32-0689DL

Tot Ion: 98 Resp: 626255

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.742 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061507.D

Acq: 20 May 2020 17:50

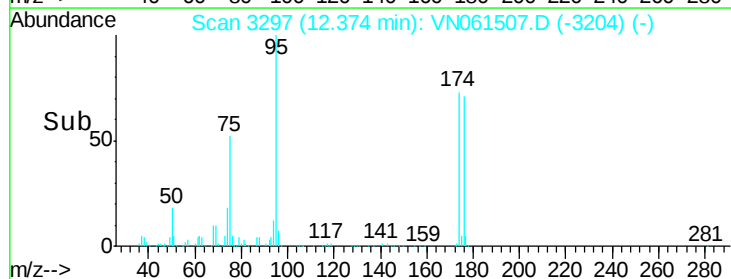
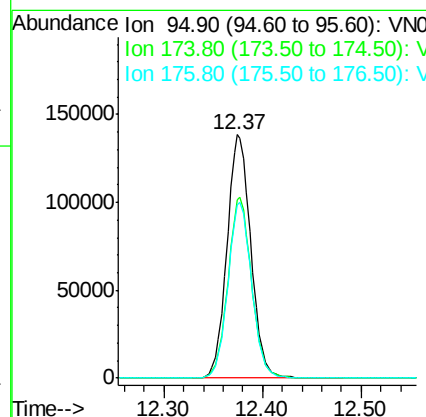
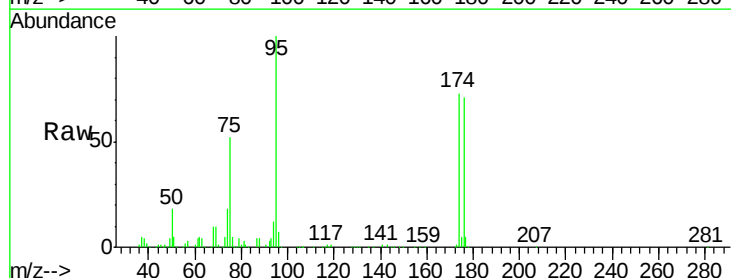
Tgt Ion: 95 Resp: 234738

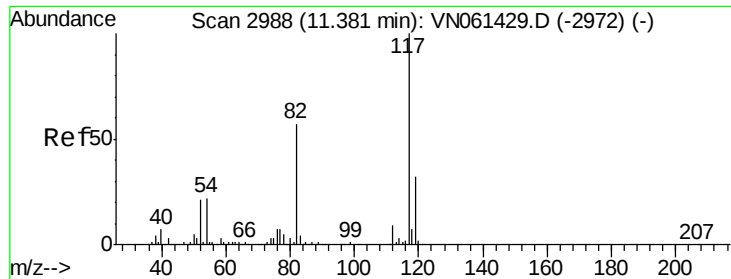
Ion Ratio Lower Upper

95 100

174 73.6 0.0 141.2

176 71.9 0.0 137.6

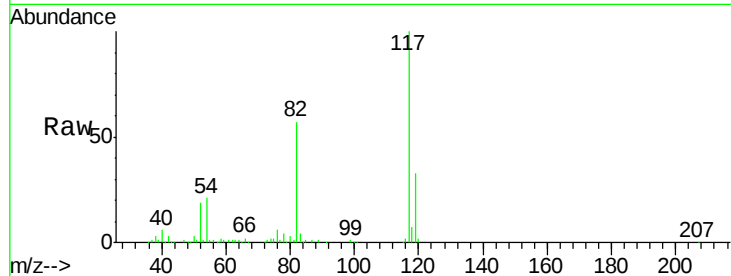




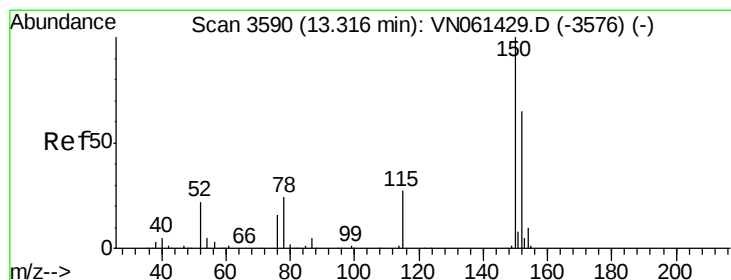
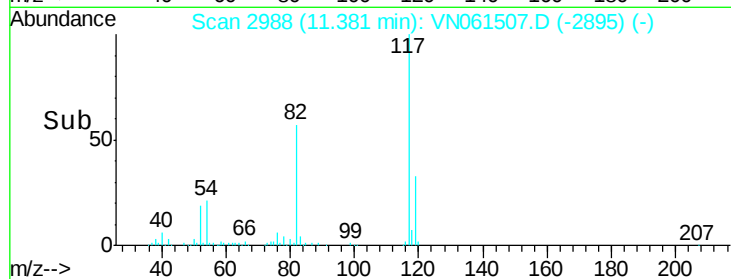
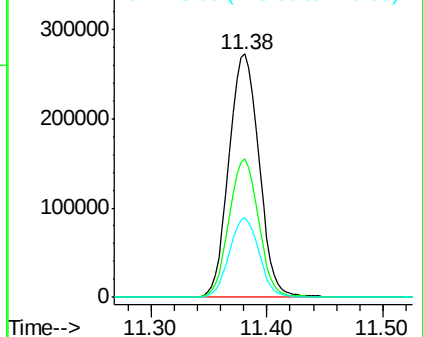
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061507.D
Acq: 20 May 2020 17:50

Instrument :
MSVOA_N
ClientSampled :
S32-0689DL

Tot Ion:117 Resp: 489364
Ion Ratio Lower Upper
117 100
82 56.8 45.2 67.8
119 32.6 25.3 37.9

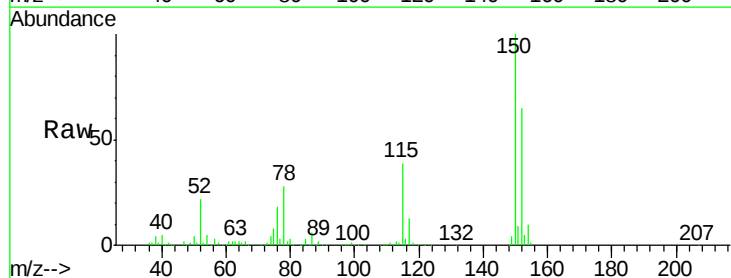


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061507.D
Acq: 20 May 2020 17:50

Tgt Ion:152 Resp: 210124
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.5
150 156.3 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

