

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061491.D
 Acq On : 19 May 2020 18:17
 Operator : JC/MD
 Sample : L2676-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0689

Quant Time: May 20 14:15:33 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

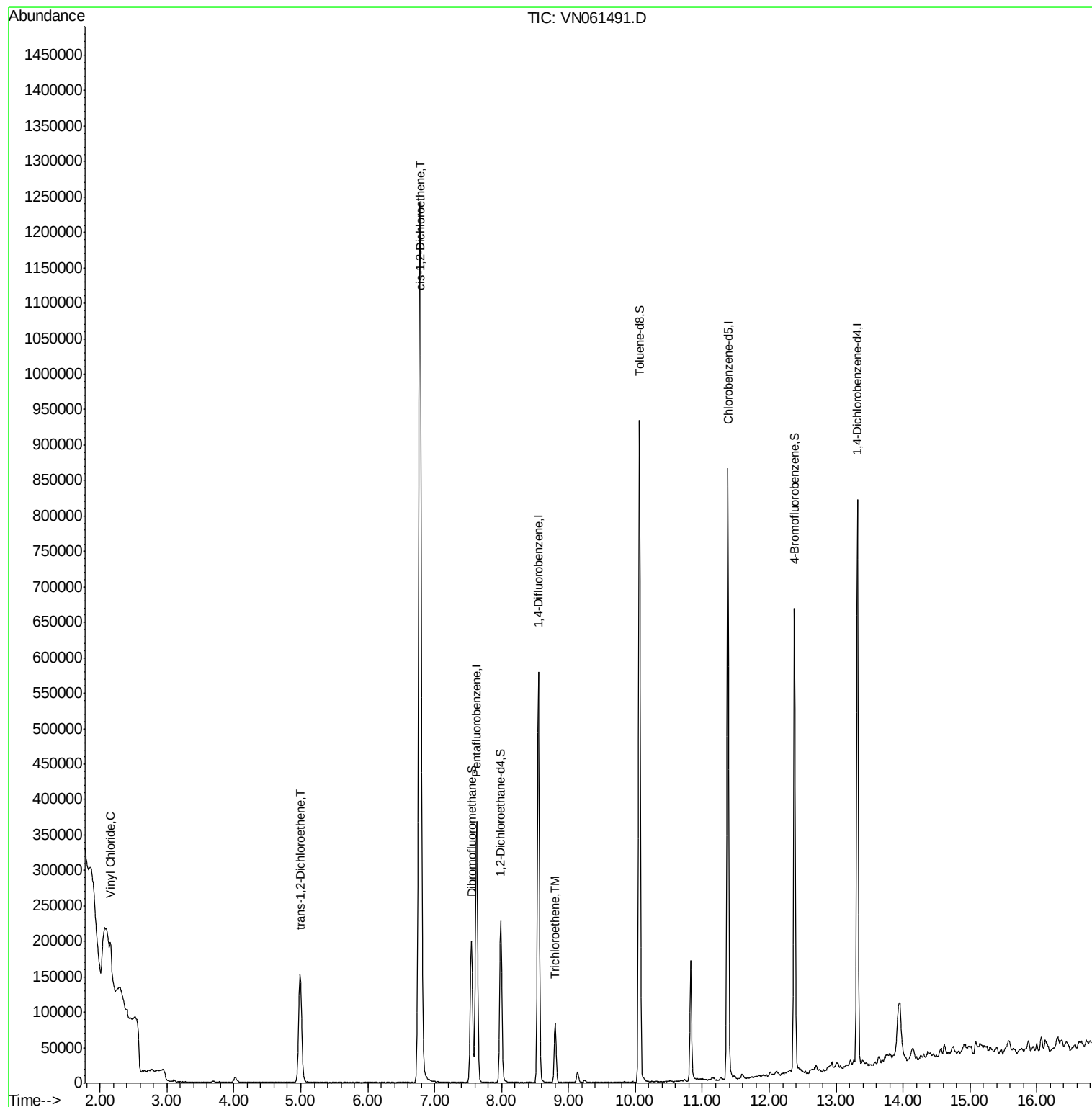
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	289982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	197729	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
35) Dibromofluoromethane	7.55	113	155409	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
50) Toluene-d8	10.06	98	650594	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.38	95	237446	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
4) Vinyl Chloride	2.16	62	26895	4.778	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	105453	30.767	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	865740	213.833	ug/l	86
44) Trichloroethene	8.80	130	29290	7.447	ug/l	98

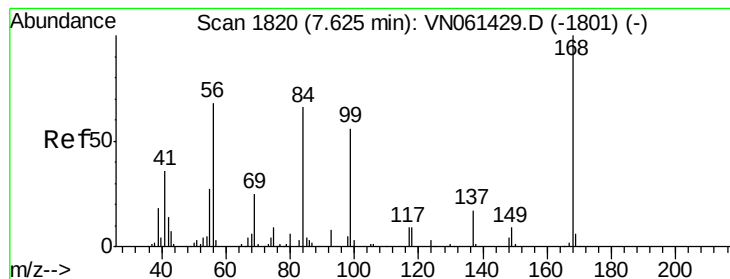
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061491.D

Acq: 19 May 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

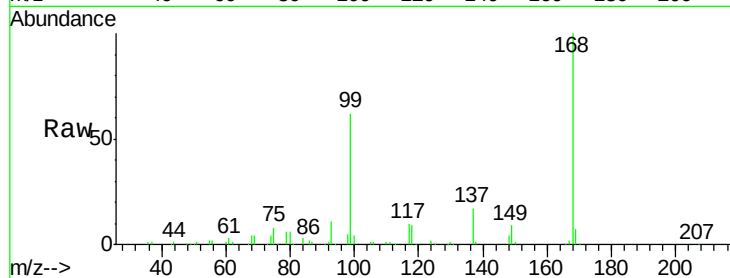
S32-0689

Tot Ion:168 Resp: 289982

Ion Ratio Lower Upper

168 100

99 61.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

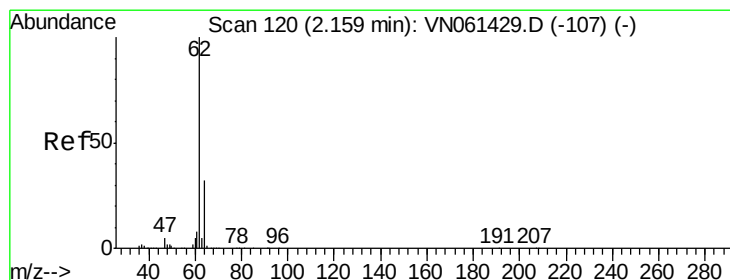
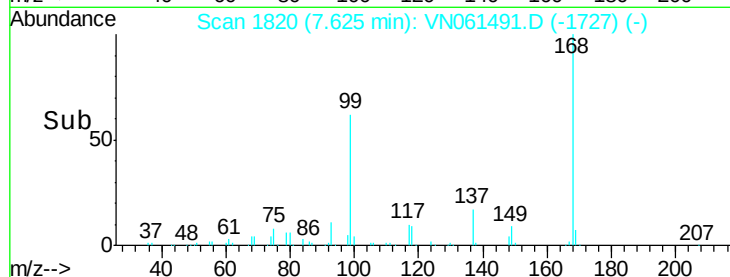
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 4.778 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061491.D

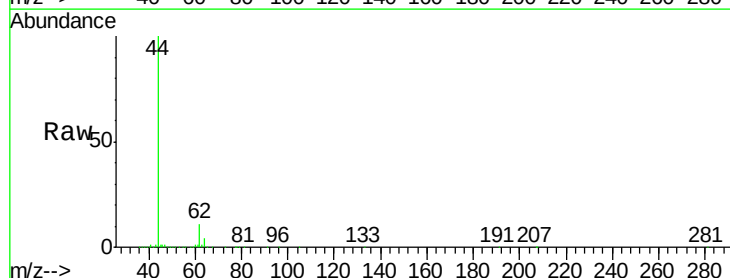
Acq: 19 May 2020 18:17

Tgt Ion: 62 Resp: 26895

Ion Ratio Lower Upper

62 100

64 35.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

20000

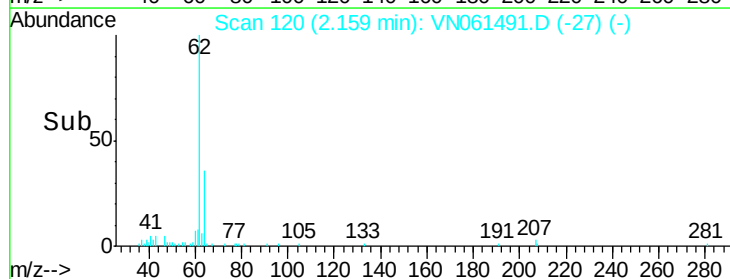
15000

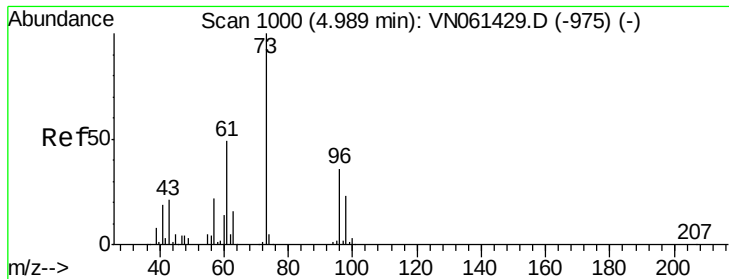
10000

5000

0

Time--> 2.10 2.15 2.20





#21

trans-1,2-Dichloroethene

Concen: 30.767 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061491.D

Acq: 19 May 2020 18:17

Instrument :

MSVOA_N

ClientSampled :

S32-0689

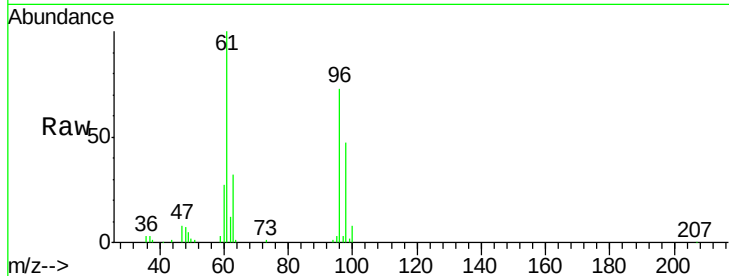
Tot Ion: 96 Resp: 105453

Ion Ratio Lower Upper

96 100

61 136.7 109.8 164.6

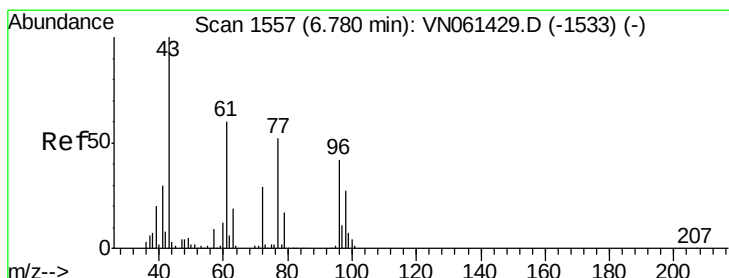
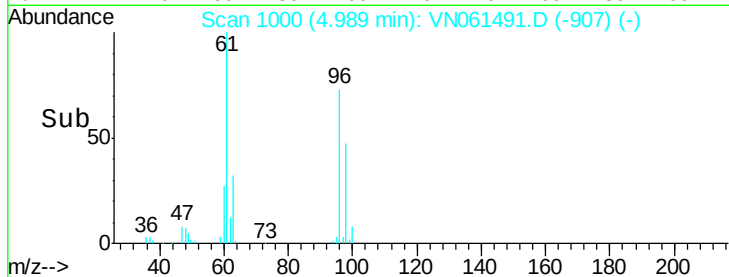
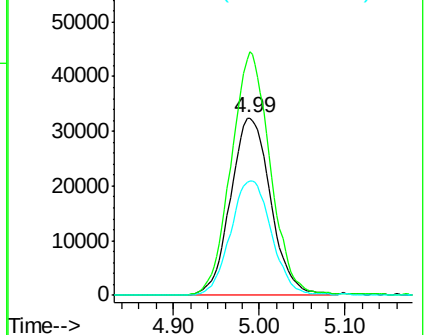
98 64.5 52.4 78.6



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: 213.833 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061491.D

Acq: 19 May 2020 18:17

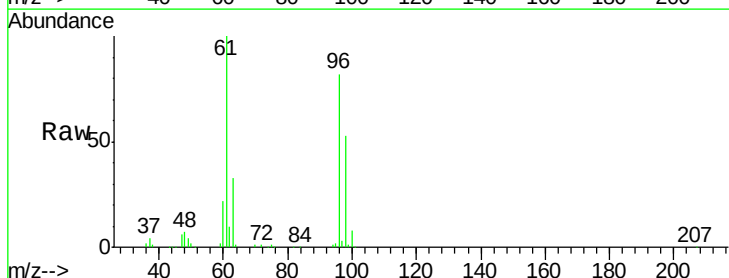
Tgt Ion: 96 Resp: 865740

Ion Ratio Lower Upper

96 100

61 121.8 0.0 294.2

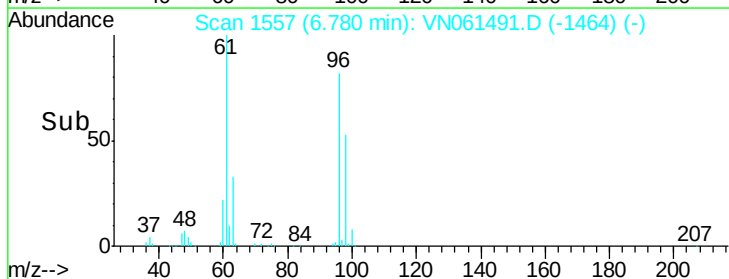
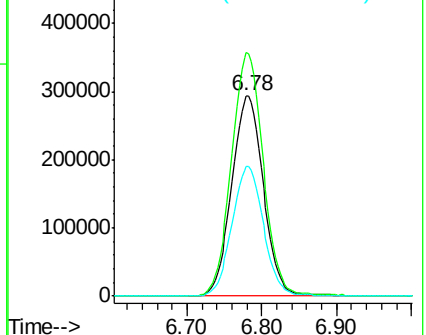
98 64.5 0.0 128.2

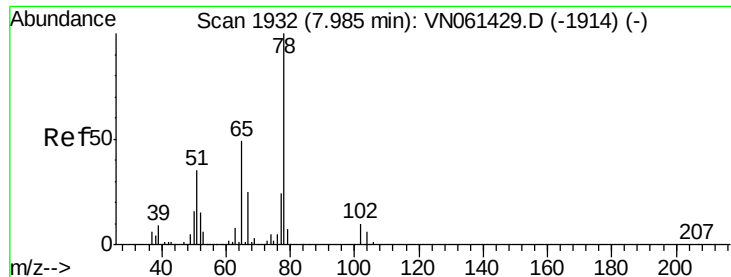


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

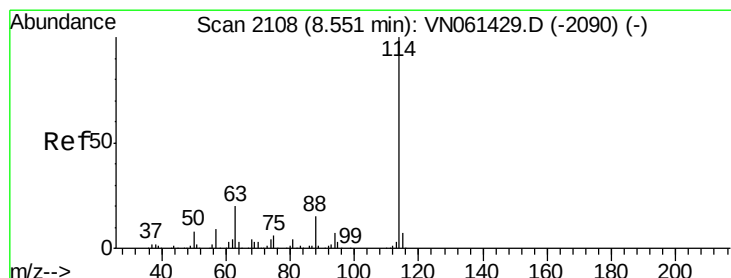
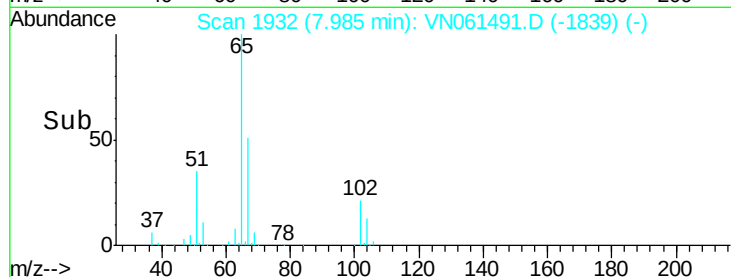
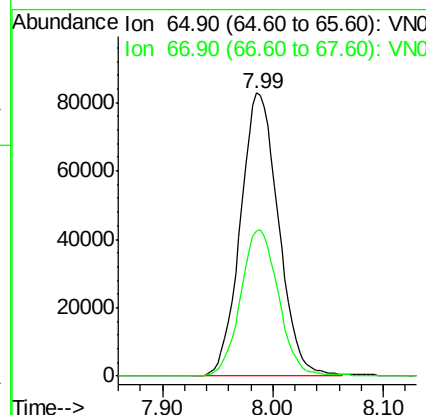
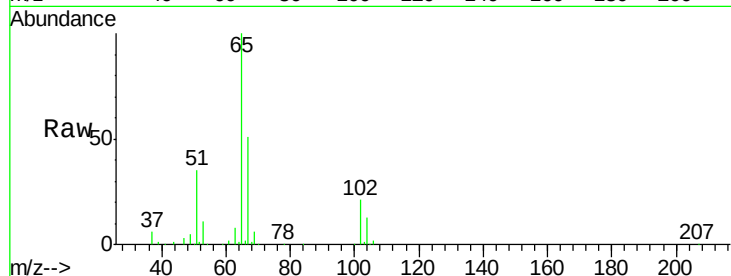




#33
 1,2-Dichloroethane-d4
 Concen: 45.688 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061491.D
 Acq: 19 May 2020 18:17

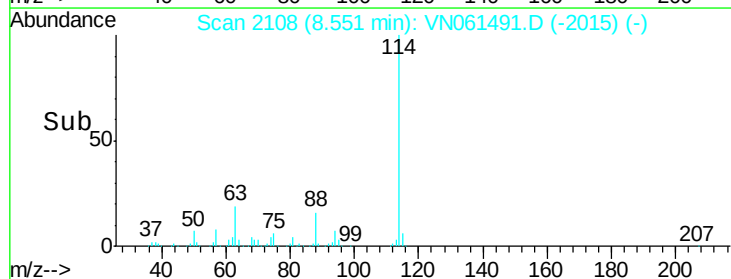
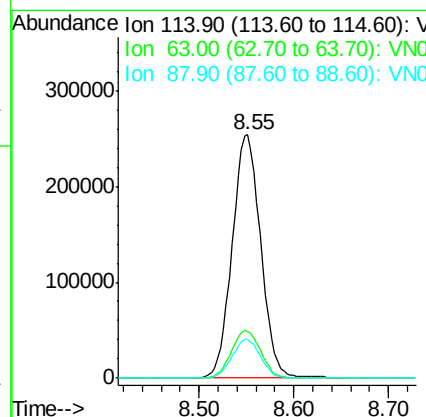
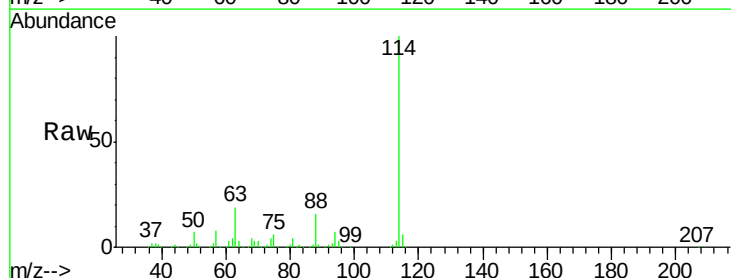
Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0689

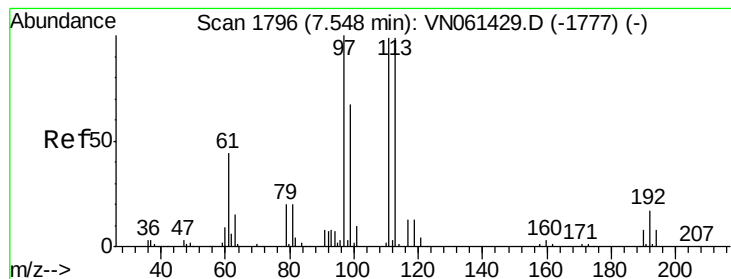
Tot Ion: 65 Resp: 197729
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061491.D
 Acq: 19 May 2020 18:17

Tgt Ion: 114 Resp: 532687
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.690 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061491.D

Acq: 19 May 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

S32-0689

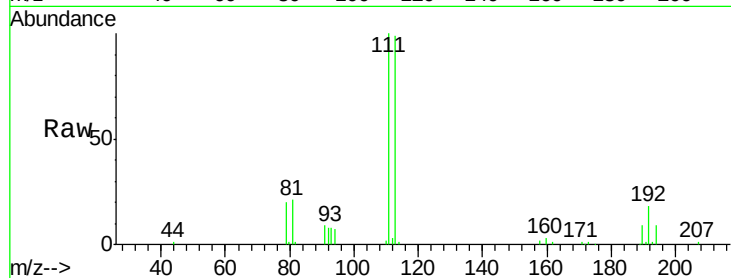
Tot Ion:113 Resp: 155409

Ion Ratio Lower Upper

113 100

111 101.9 80.6 121.0

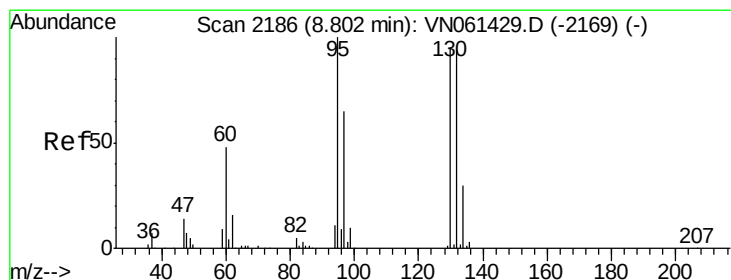
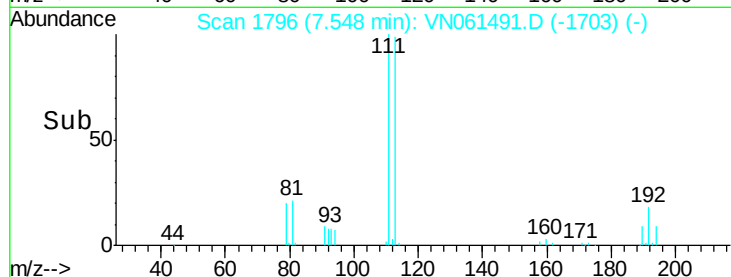
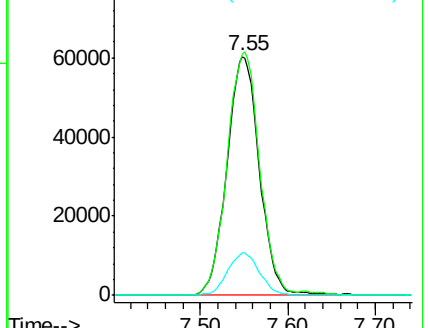
192 17.6 13.2 19.8



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: 7.447 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061491.D

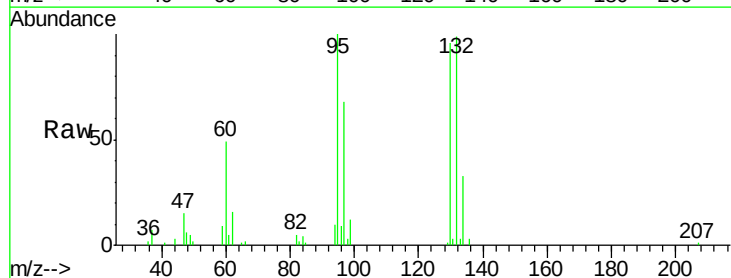
Acq: 19 May 2020 18:17

Tgt Ion:130 Resp: 29290

Ion Ratio Lower Upper

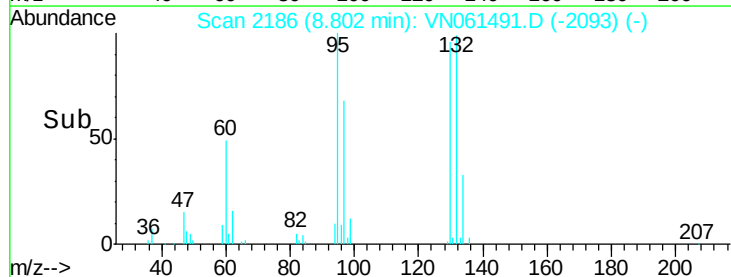
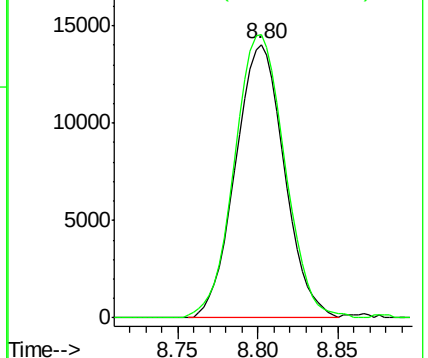
130 100

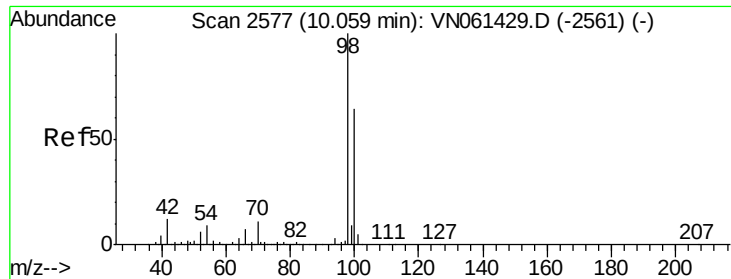
95 102.5 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.264 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061491.D

Acq: 19 May 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

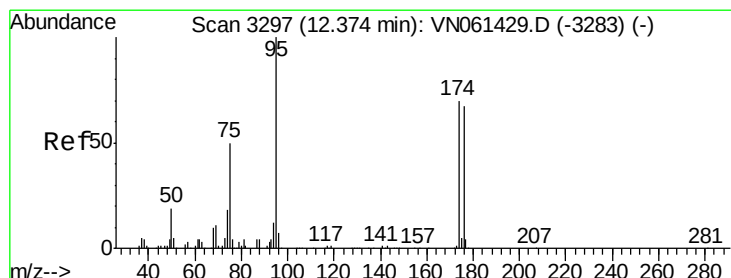
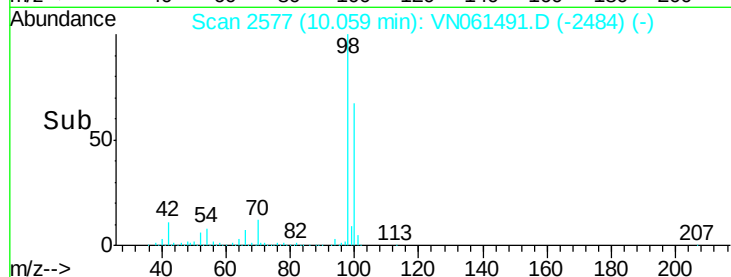
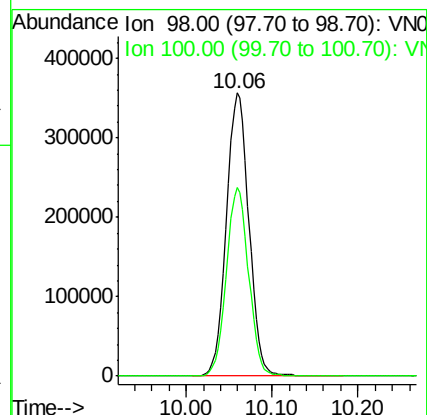
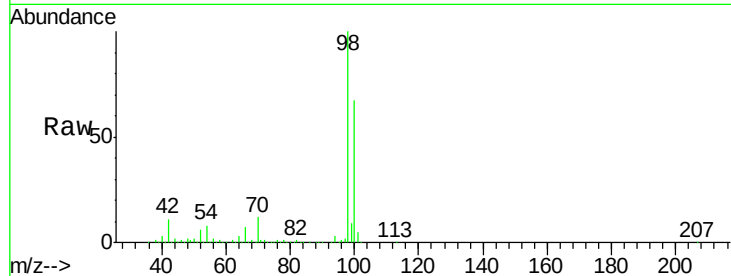
S32-0689

Tot Ion: 98 Resp: 650594

Ion Ratio Lower Upper

98 100

100 65.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.102 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061491.D

Acq: 19 May 2020 18:17

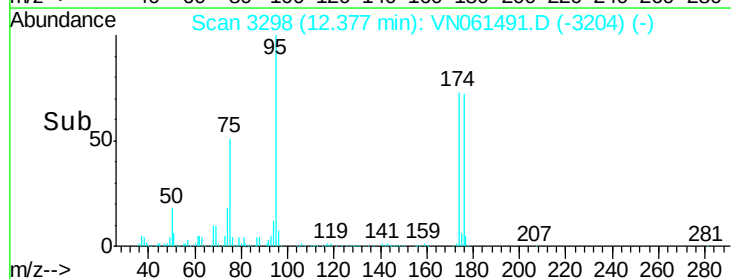
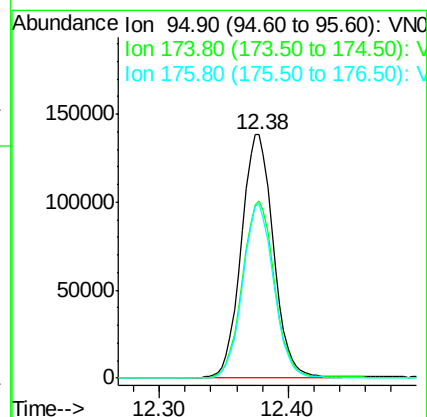
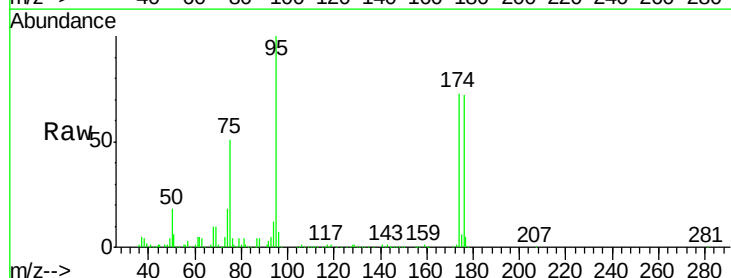
Tgt Ion: 95 Resp: 237446

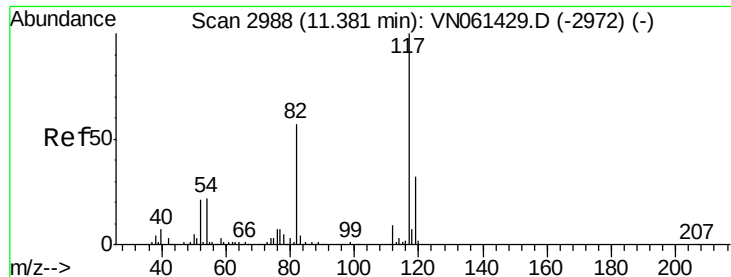
Ion Ratio Lower Upper

95 100

174 73.3 0.0 141.2

176 70.0 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: VN061491.D

Acq: 19 May 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

S32-0689

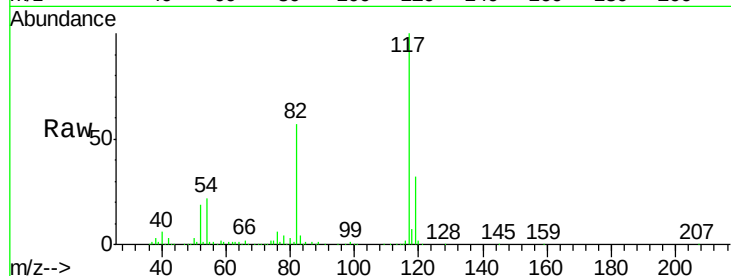
Tot Ion:117 Resp: 498978

Ion Ratio Lower Upper

117 100

82 57.2 45.2 67.8

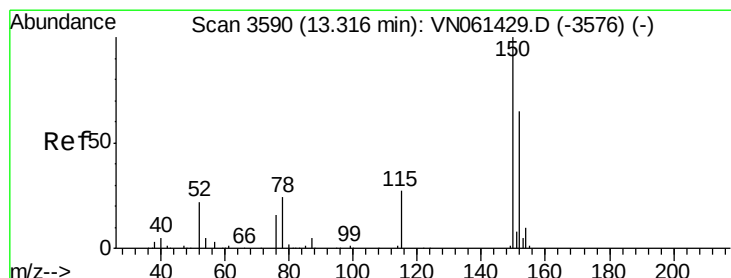
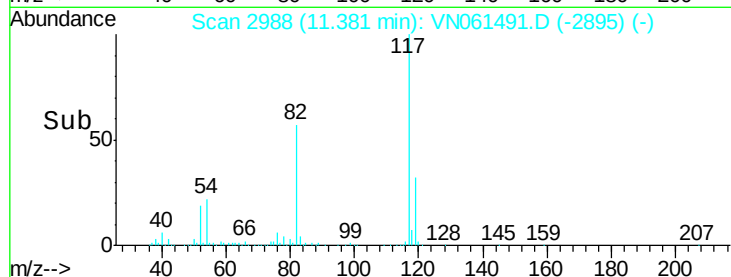
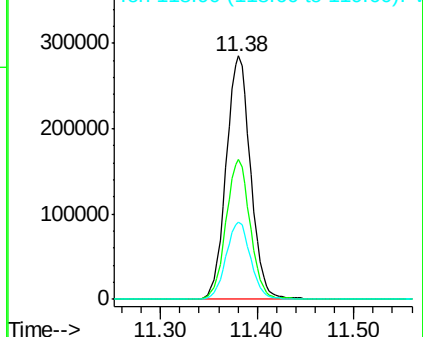
119 32.0 25.3 37.9



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: VN061491.D

Acq: 19 May 2020 18:17

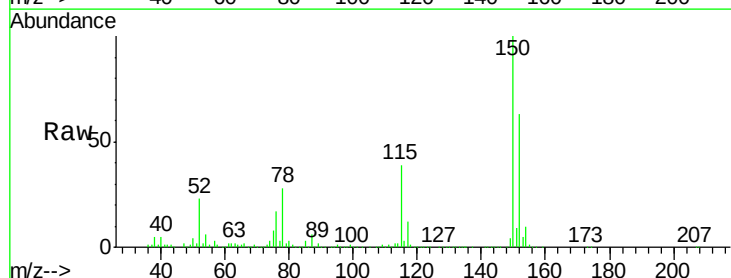
Tgt Ion:152 Resp: 210019

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

150 157.9 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

