

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061492.D
 Acq On : 19 May 2020 18:40
 Operator : JC/MD
 Sample : L2676-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0690

Quant Time: May 20 06:14:23 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

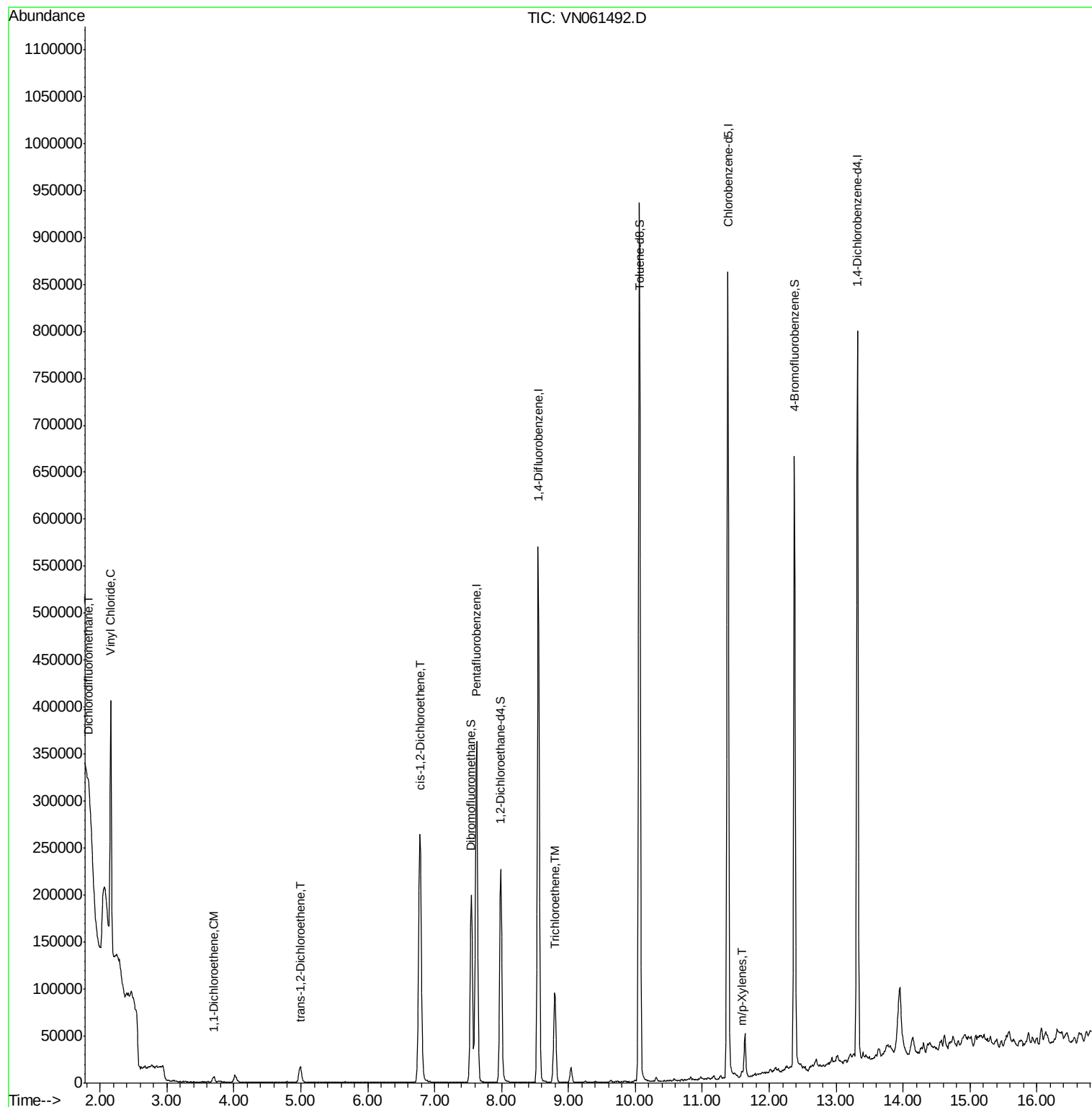
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	285102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	524248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199548	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	7.55	113	152774	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
50) Toluene-d8	10.06	98	647726	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.37	95	236219	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	4072	1.718	ug/l	99
4) Vinyl Chloride	2.16	62	236081	42.662	ug/l	99
12) 1,1-Dichloroethene	3.70	96	3677	1.258	ug/l	86
21) trans-1,2-Dichloroethene	4.99	96	11572	3.434	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	185288	46.549	ug/l	85
44) Trichloroethene	8.80	130	24213	6.255	ug/l	99
68) m/p-Xylenes	11.60	106	2195	0.312	ug/l	92

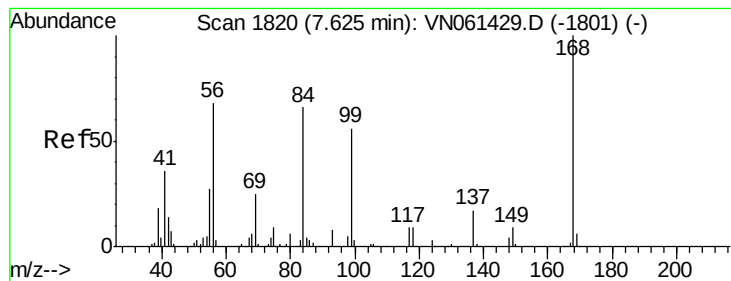
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061492.D

Acq: 19 May 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

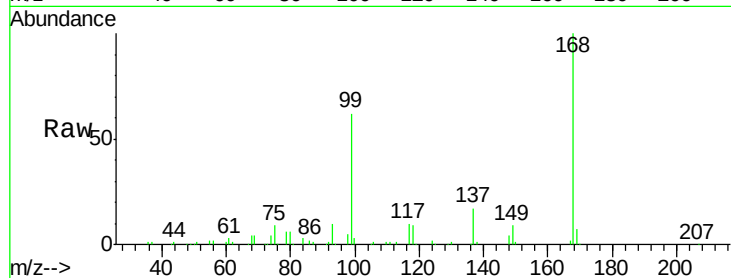
S32-0690

Tot Ion:168 Resp: 285102

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

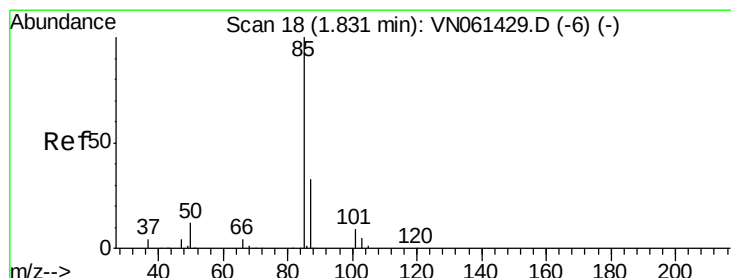
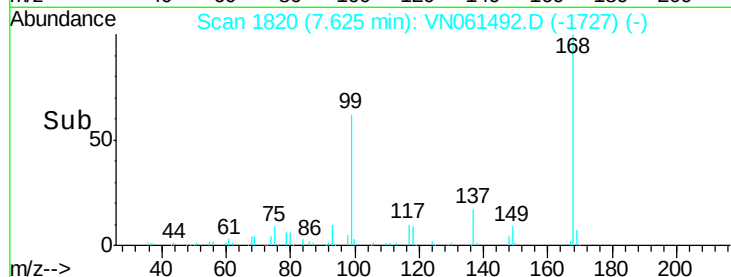
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.718 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061492.D

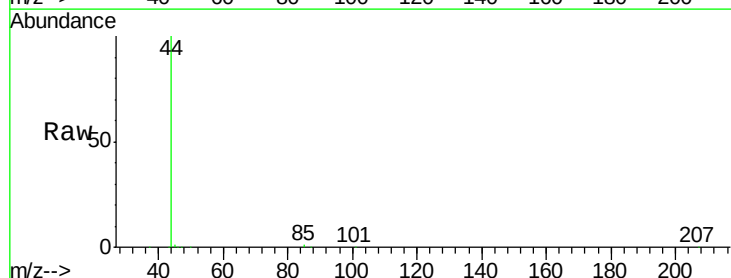
Acq: 19 May 2020 18:40

Tgt Ion: 85 Resp: 4072

Ion Ratio Lower Upper

85 100

87 31.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

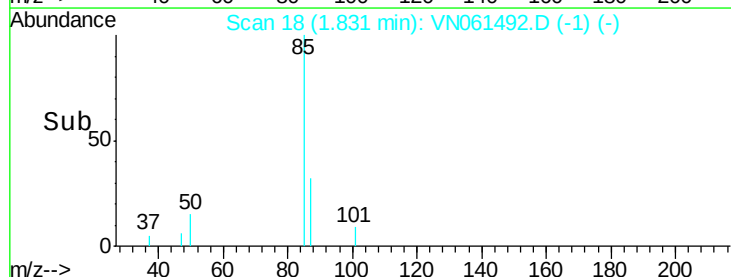
3000

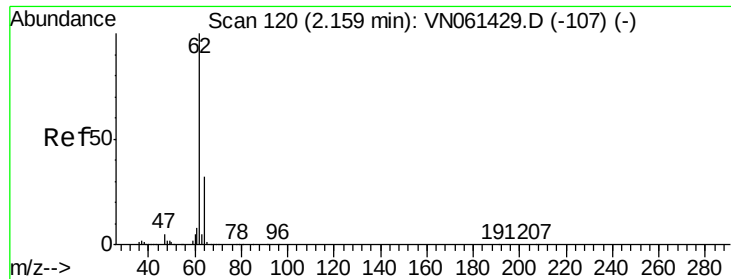
2000

1000

0

Time--> 1.80 1.85





#4

Vinyl Chloride

Concen: 42.662 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

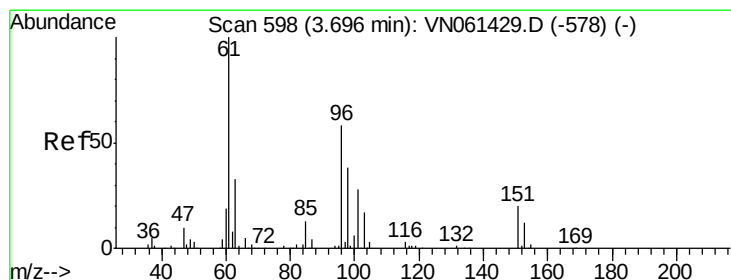
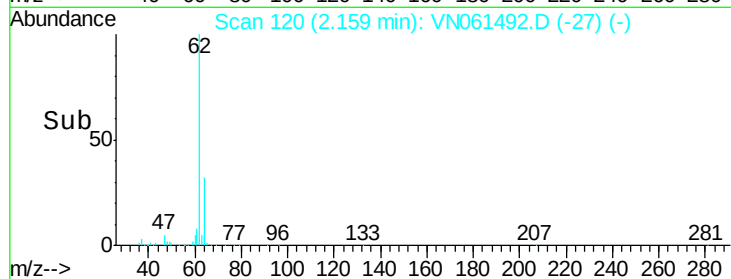
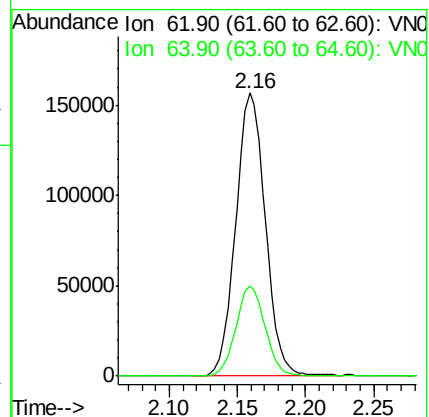
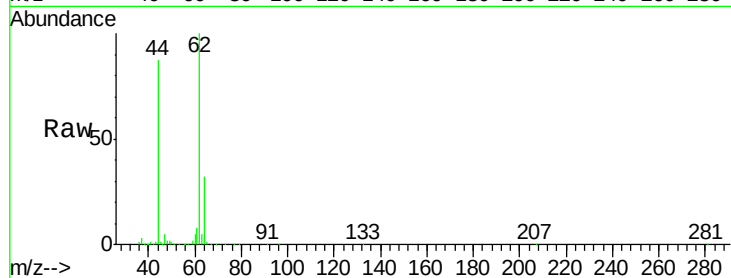
S32-0690

Tot Ion: 62 Resp: 236081

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9



#12

1,1-Dichloroethene

Concen: 1.258 ug/l

RT: 3.70 min Scan# 598

Delta R.T. -0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

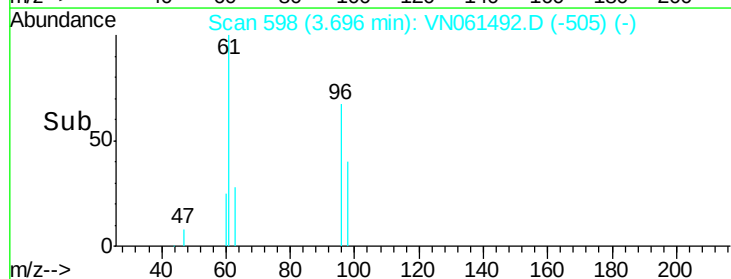
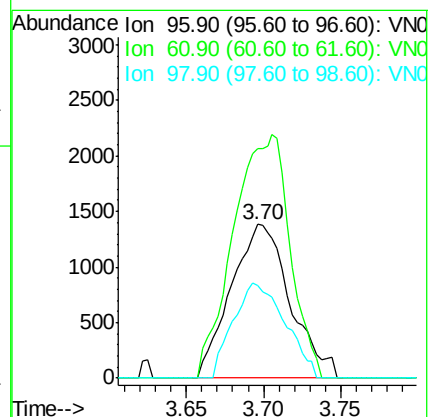
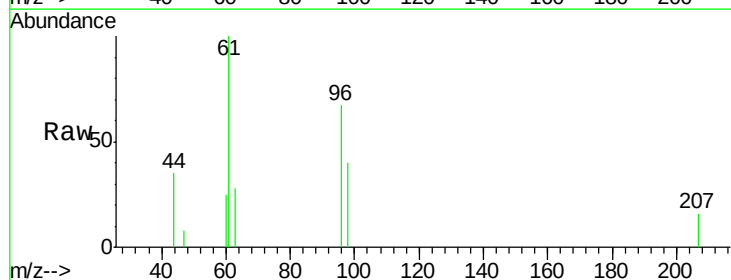
Tgt Ion: 96 Resp: 3677

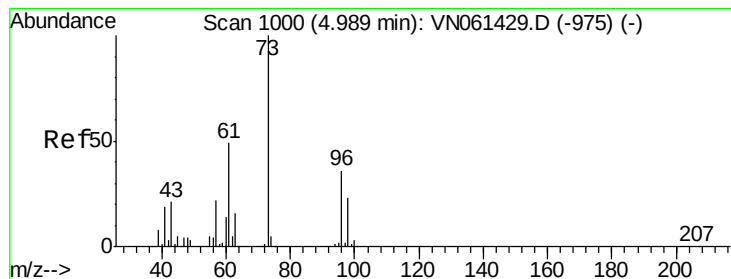
Ion Ratio Lower Upper

96 100

61 149.7 138.7 208.1

98 60.3 53.0 79.6





#21

trans-1,2-Dichloroethene

Concen: 3.434 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

S32-0690

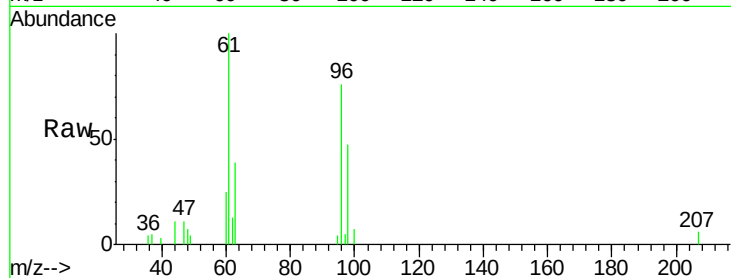
Tot Ion: 96 Resp: 11572

Ion Ratio Lower Upper

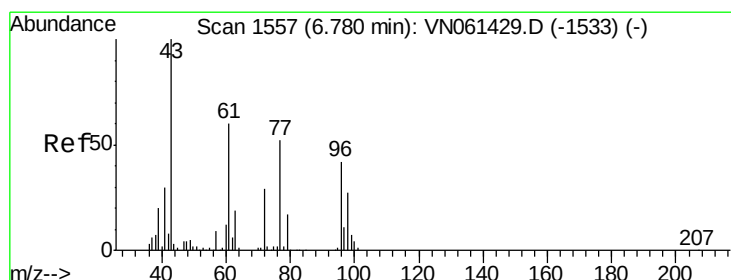
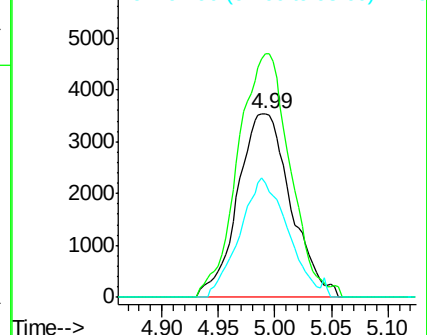
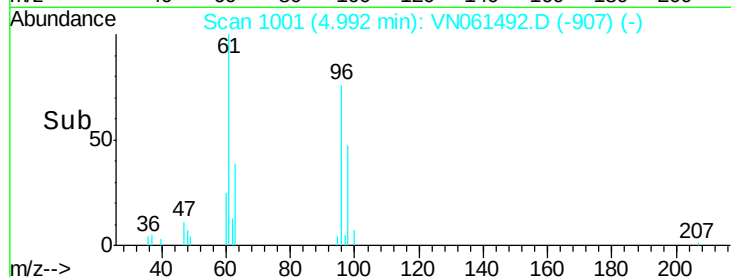
96 100

61 132.3 109.8 164.6

98 62.1 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN061492.D (-907) (-)



#27

cis-1,2-Dichloroethene

Concen: 46.549 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

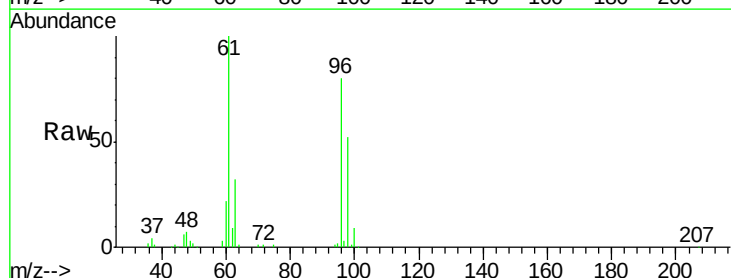
Tgt Ion: 96 Resp: 185288

Ion Ratio Lower Upper

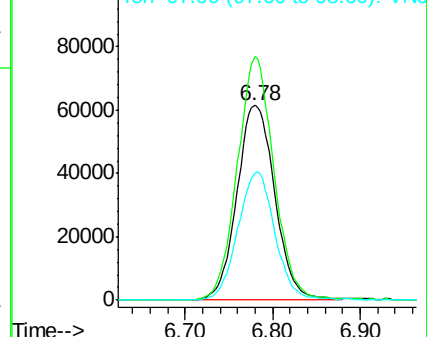
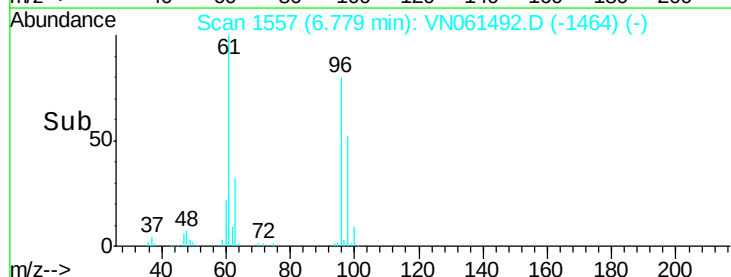
96 100

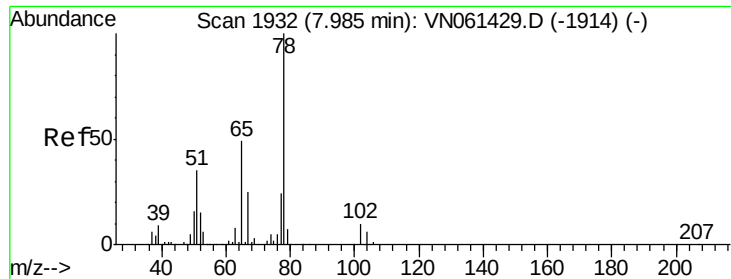
61 120.5 0.0 294.2

98 64.2 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061492.D (-1464) (-)

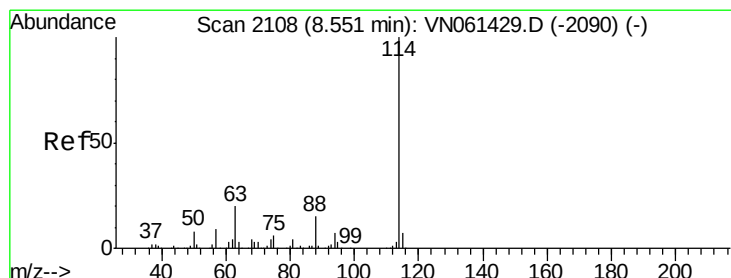
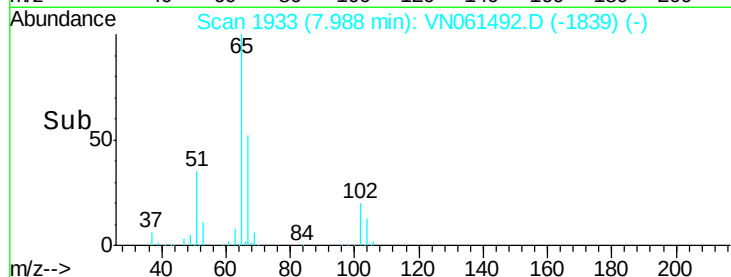
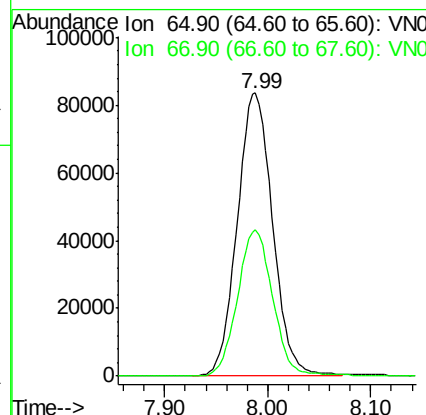
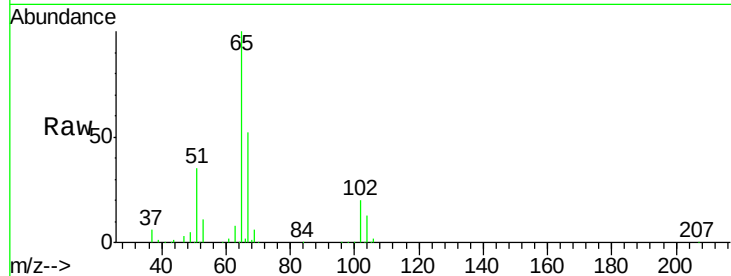




#33
 1,2-Dichloroethane-d4
 Concen: 46.897 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061492.D
 Acq: 19 May 2020 18:40

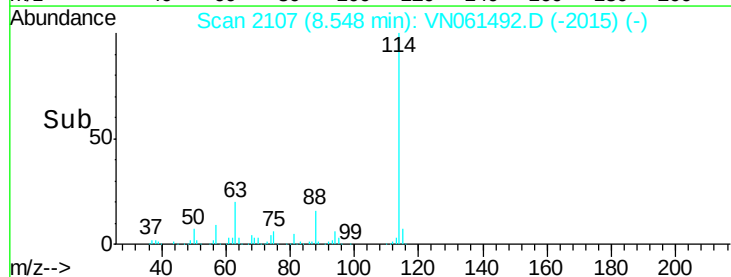
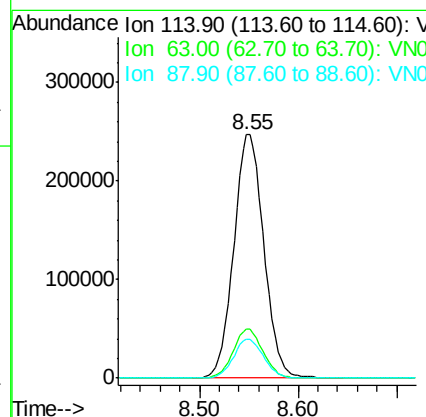
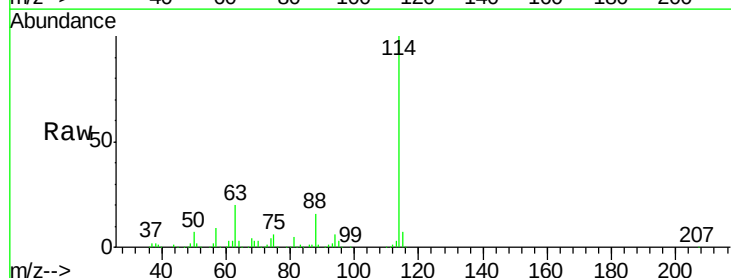
Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0690

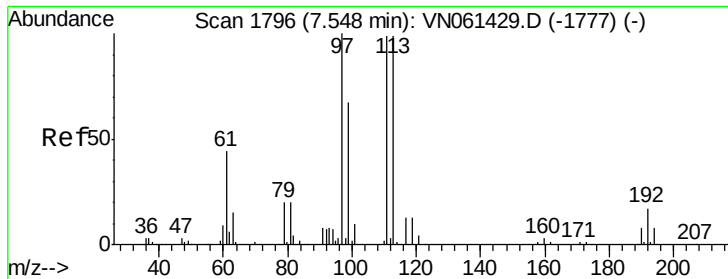
Tot Ion: 65 Resp: 199548
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061492.D
 Acq: 19 May 2020 18:40

Tgt Ion: 114 Resp: 524248
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.0 0.0 30.8

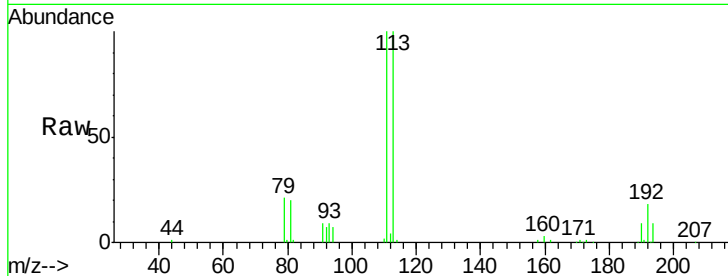




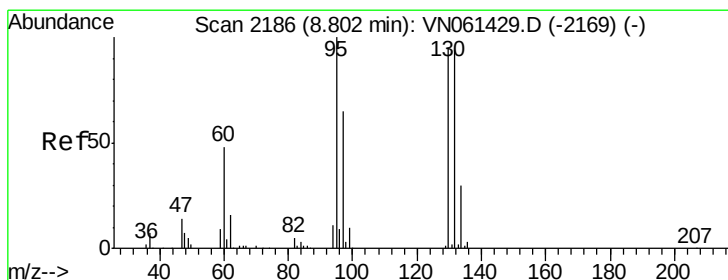
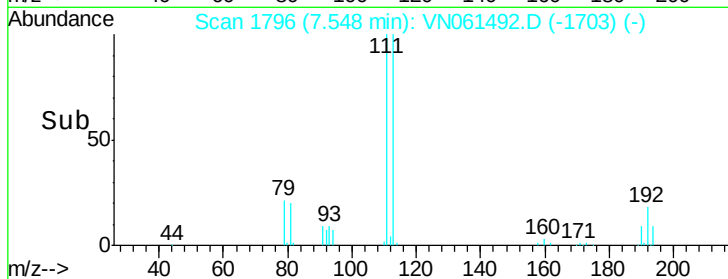
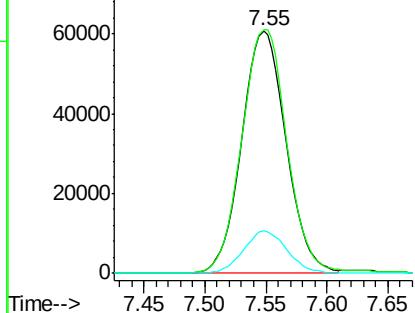
#35
 Dibromofluoromethane
 Concen: 55.627 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061492.D
 Acq: 19 May 2020 18:40

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0690

Tot Ion:113 Resp: 152774
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.6 121.0
 192 17.2 13.2 19.8

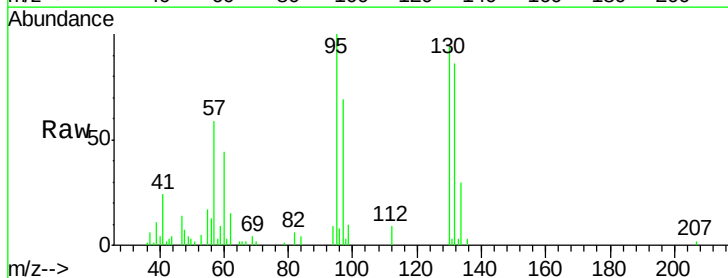


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

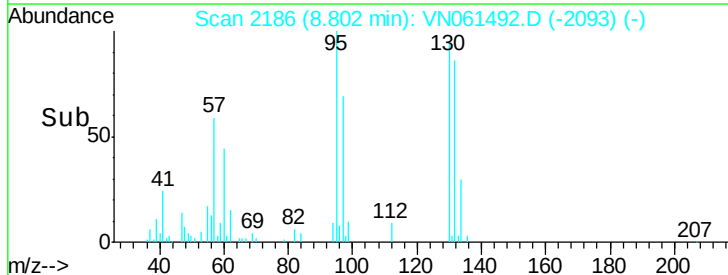
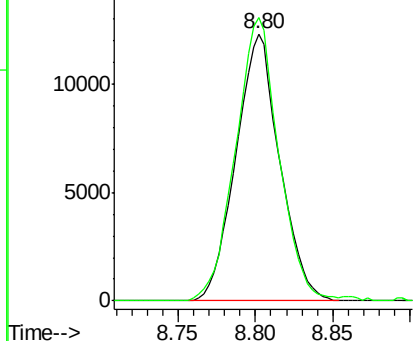


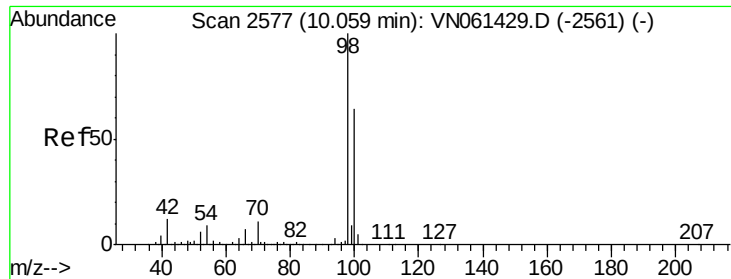
#44
 Trichloroethene
 Concen: 6.255 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN061492.D
 Acq: 19 May 2020 18:40

Tgt Ion:130 Resp: 24213
 Ion Ratio Lower Upper
 130 100
 95 106.0 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: 50.848 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

Instrument :

MSVOA_N

ClientSampled :

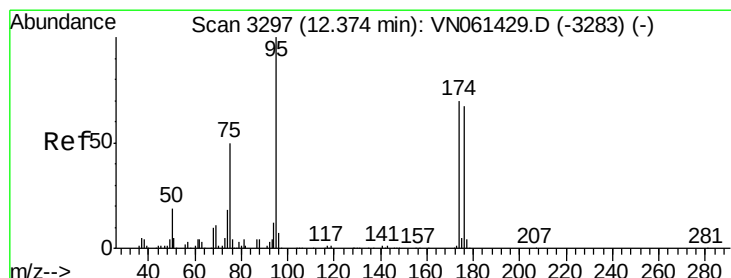
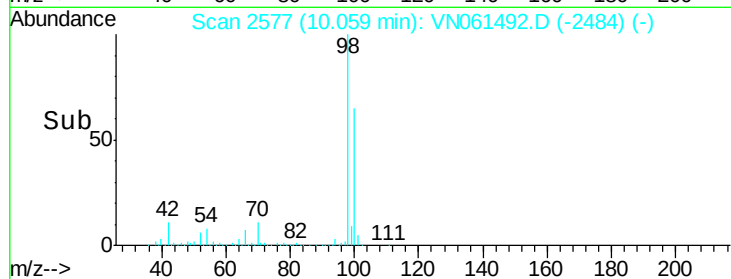
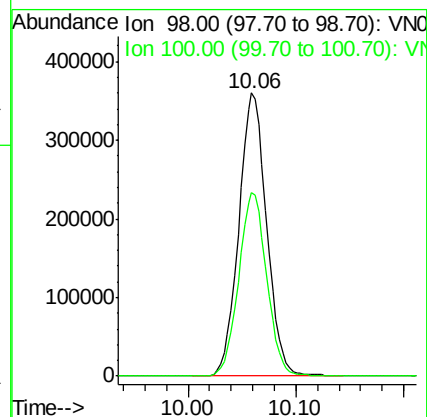
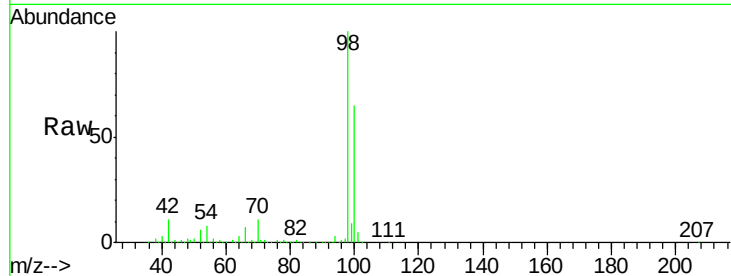
S32-0690

Tot Ion: 98 Resp: 647726

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.635 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

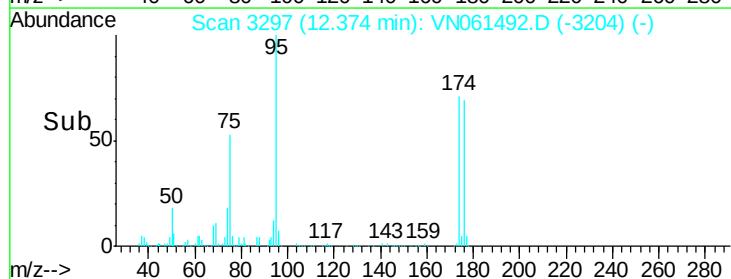
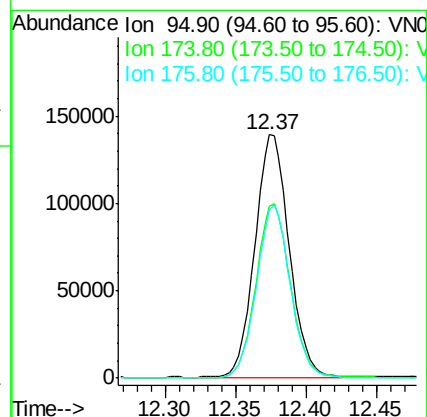
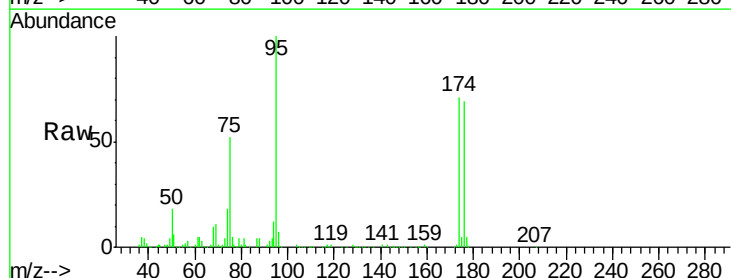
Tgt Ion: 95 Resp: 236219

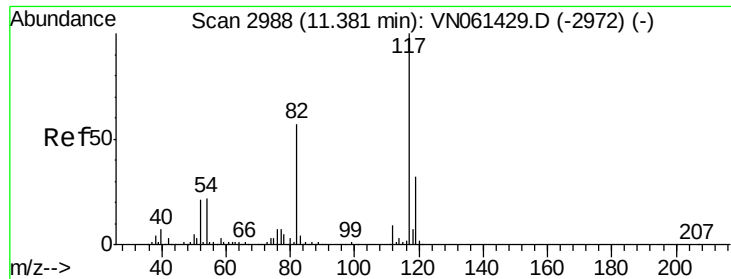
Ion Ratio Lower Upper

95 100

174 71.6 0.0 141.2

176 70.3 0.0 137.6

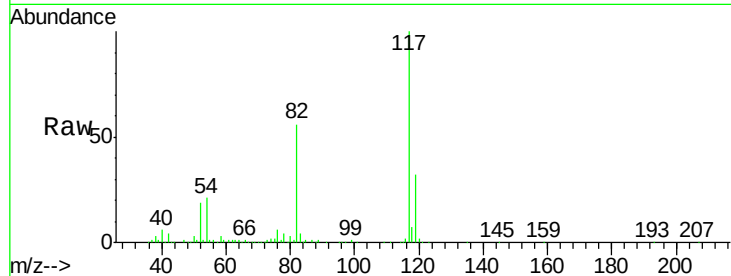




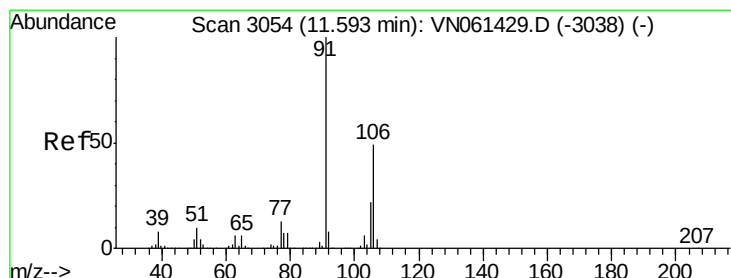
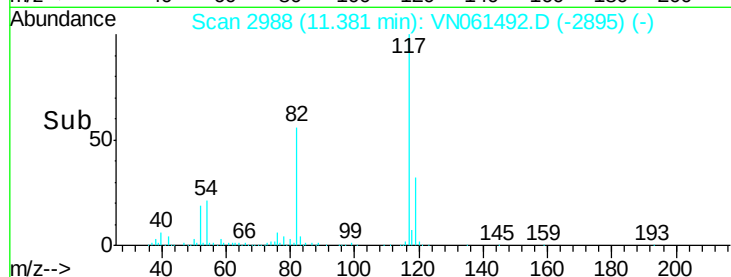
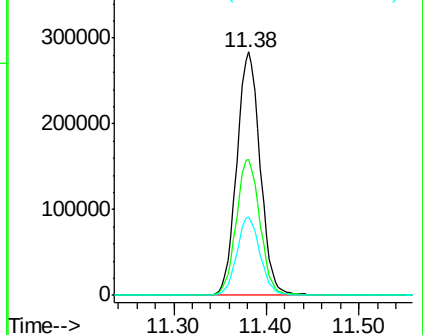
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061492.D
Acq: 19 May 2020 18:40

Instrument :
MSVOA_N
ClientSampleId :
S32-0690

Tot Ion:117 Resp: 497292
Ion Ratio Lower Upper
117 100
82 55.9 45.2 67.8
119 32.1 25.3 37.9

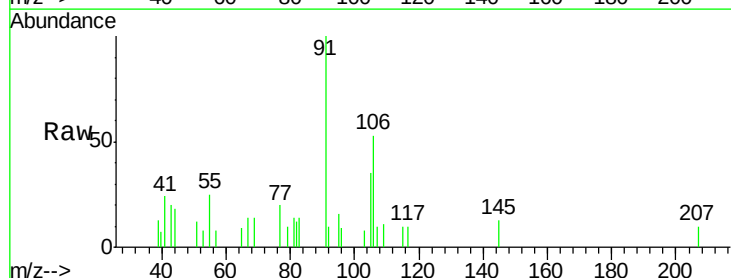


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

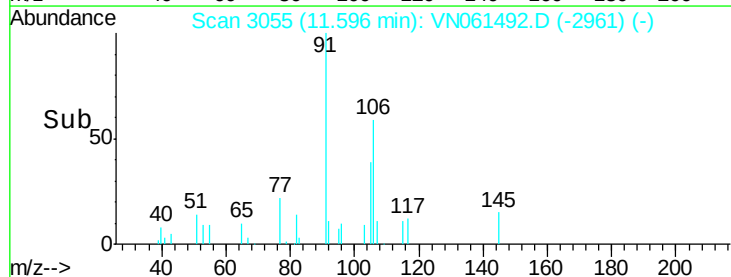
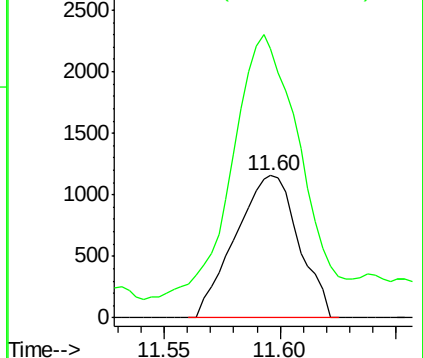


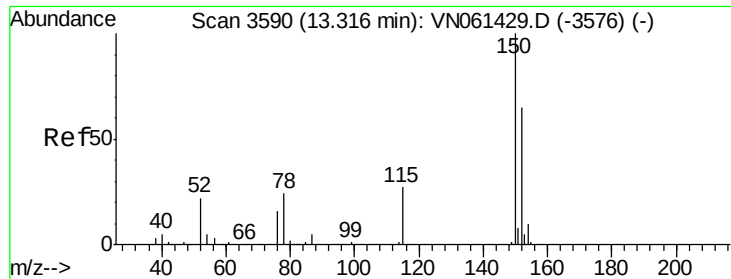
#68
m/p-Xylenes
Concen: 0.312 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061492.D
Acq: 19 May 2020 18:40

Tgt Ion:106 Resp: 2195
Ion Ratio Lower Upper
106 100
91 191.3 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061492.D

Acq: 19 May 2020 18:40

Instrument :

MSVOA_N

ClientSampleId :

S32-0690

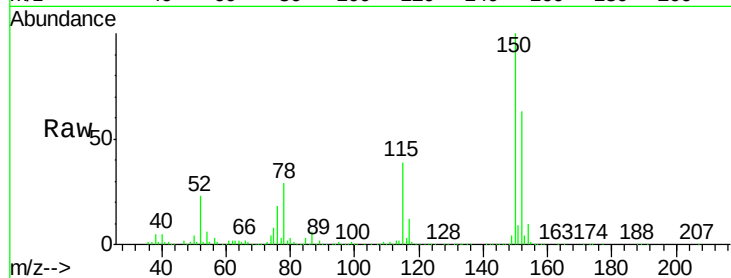
Tot Ion:152 Resp: 203576

Ion Ratio Lower Upper

152 100

115 61.1 30.9 92.5

150 158.8 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

