

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018790.D
 Acq On : 09 Oct 2020 03:24
 Operator : SY/MD
 Sample : L4239-18DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3S2DL

Quant Time: Oct 09 08:33:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338670	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161547	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131668	42.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.58%
7) Chloroethane-d5	1.58	69	111480	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.02%
11) 1,1-Dichloroethene-d2	2.12	63	200647	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	3.90	46	196241	103.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	4.38	84	248184	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
26) 1,2-Dichloroethane-d4	5.06	65	175358	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.07	84	506116	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
36) 1,2-Dichloropropane-d6	6.09	67	165739	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.30%
41) Toluene-d8	7.34	98	446974	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.64	79	75902	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.11	63	108932	89.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168776	42.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	172778	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

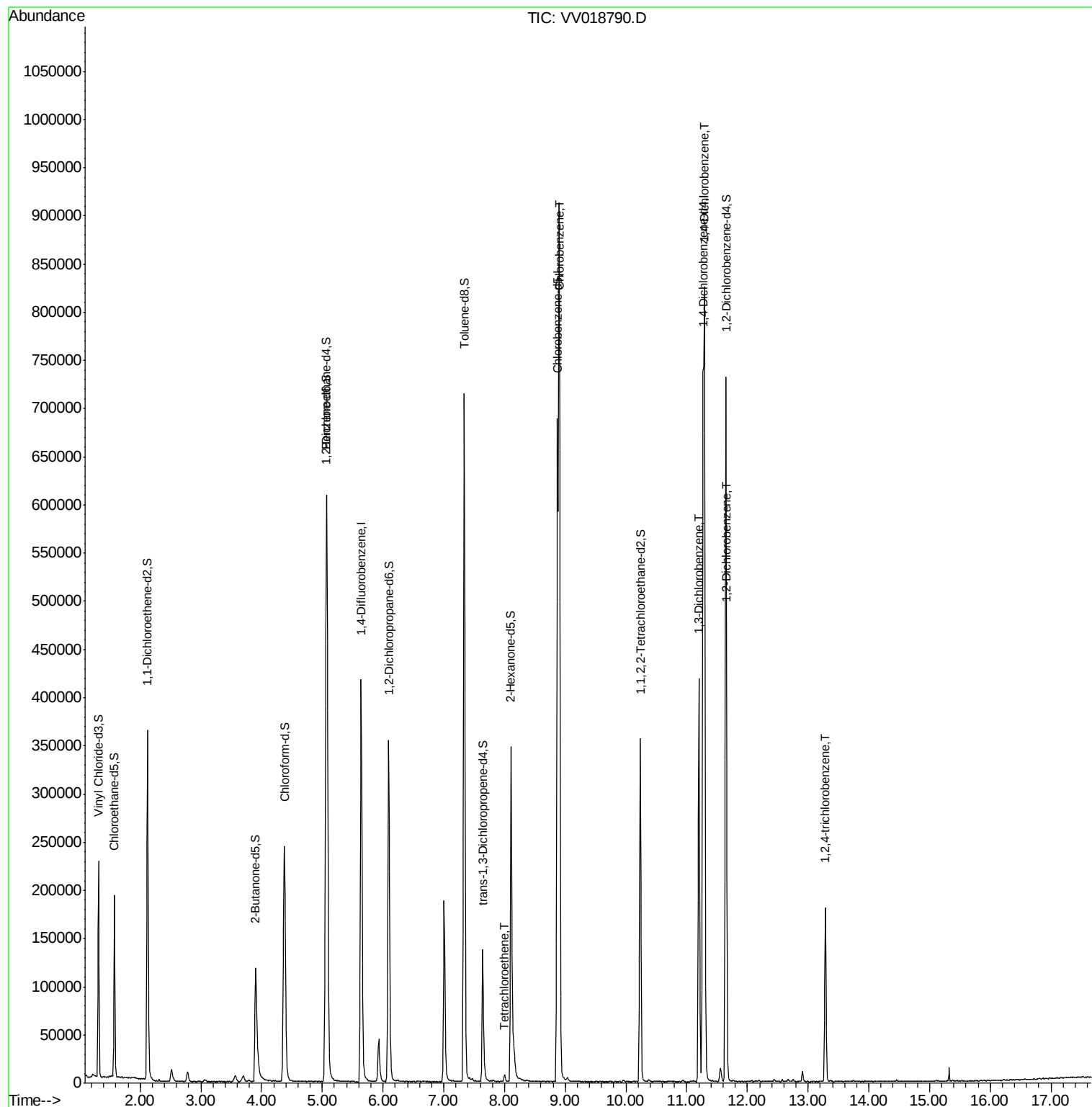
					Ovalue
46) Tetrachloroethene	8.00	164	1769	0.798 ug/L	88
51) Chlorobenzene	8.90	112	442287	61.701 ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	157948	29.989 ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	297873	54.369 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	5340	1.010 ug/L #	86
68) 1,2,4-trichlorobenzene	13.29	180	52941	16.504 ug/L	98

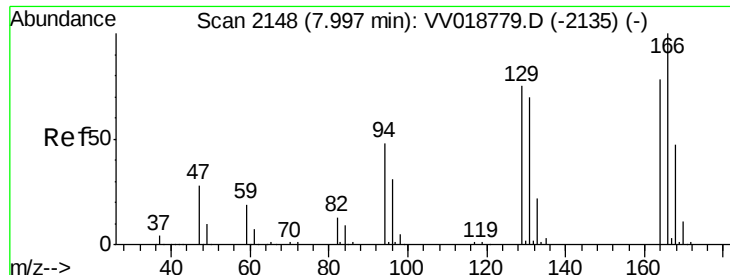
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
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#46

Tetrachloroethene

Concen: 0.798 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018790.D

Acq: 09 Oct 2020 03:24

Instrument :

MSVOA_V

ClientSampleId :

BG3S2DL

Tot Ion:164 Resp: 1769

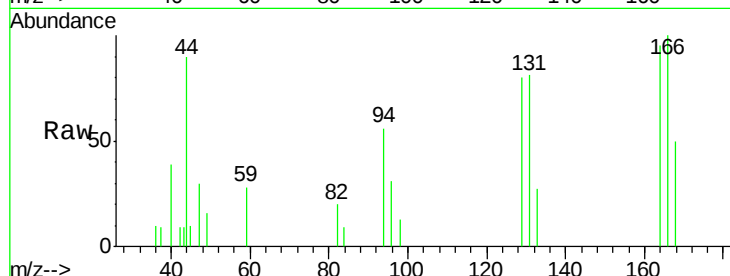
Ion Ratio Lower Upper

164 100

129 84.0 64.6 120.0

131 84.8 63.6 118.0

166 104.8 88.3 164.1

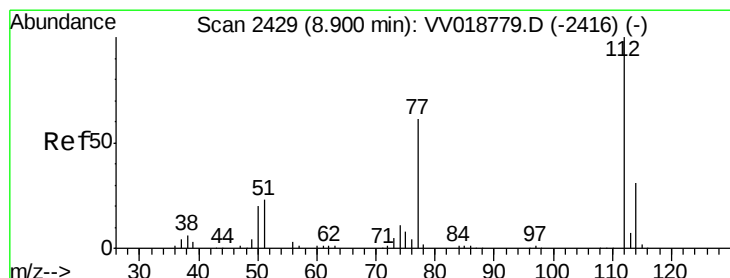
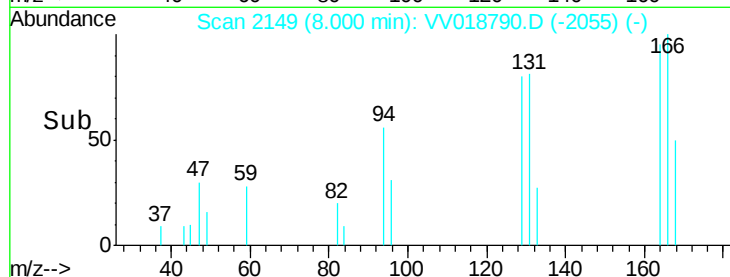
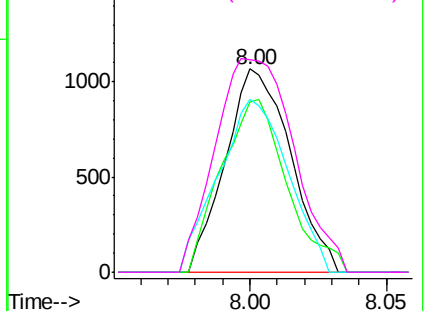


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#51

Chlorobenzene

Concen: 61.701 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV018790.D

Acq: 09 Oct 2020 03:24

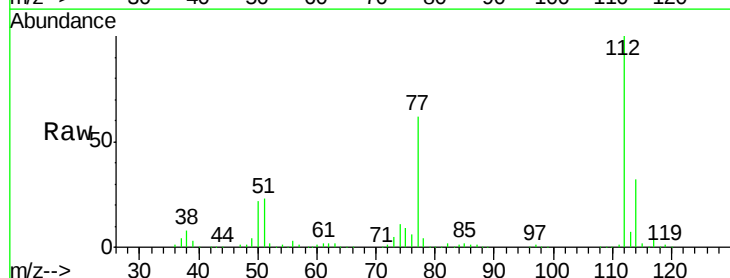
Tgt Ion:112 Resp: 442287

Ion Ratio Lower Upper

112 100

114 32.1 22.0 41.0

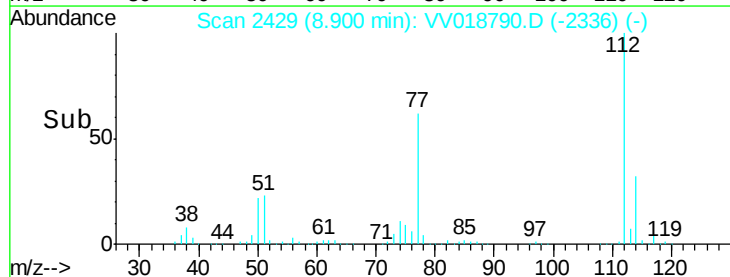
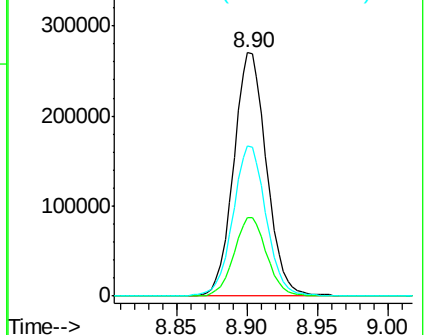
77 61.8 49.8 74.6

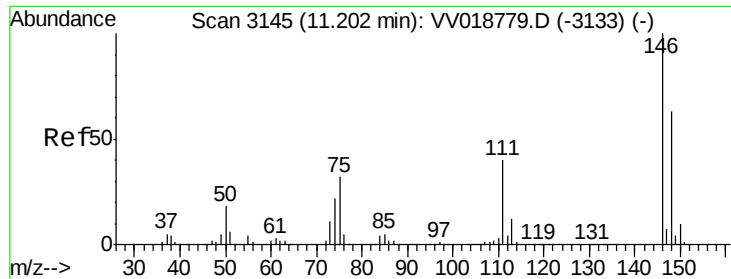


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 29.989 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV018790.D

Acq: 09 Oct 2020 03:24

Instrument :

MSVOA_V

ClientSampleId :

BG3S2DL

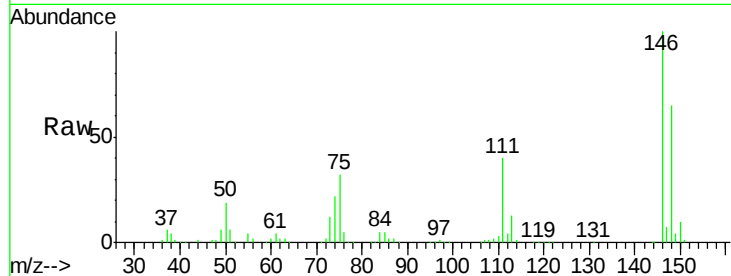
Tot Ion:146 Resp: 157948

Ion Ratio Lower Upper

146 100

111 40.1 27.8 51.6

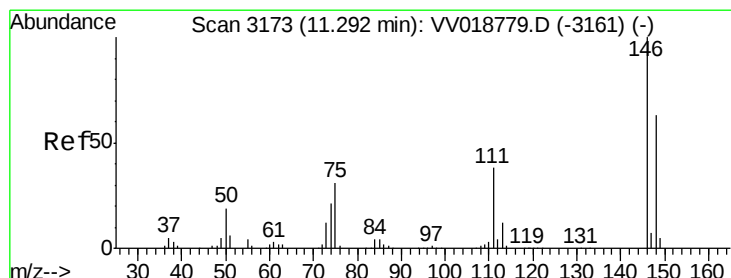
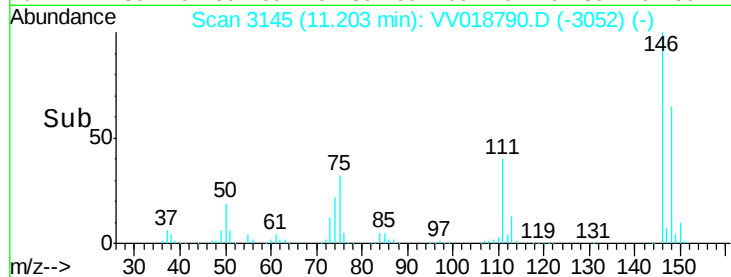
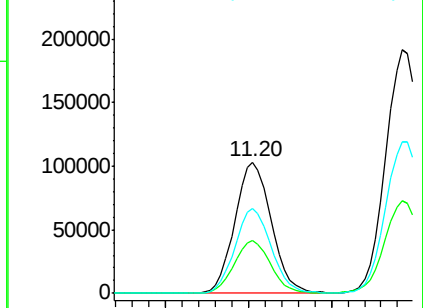
148 64.8 45.4 84.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 54.369 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV018790.D

Acq: 09 Oct 2020 03:24

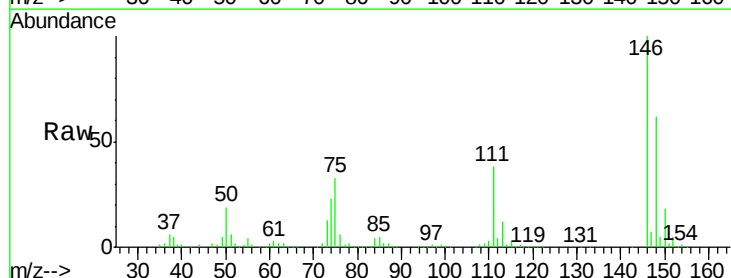
Tgt Ion:146 Resp: 297873

Ion Ratio Lower Upper

146 100

111 38.1 27.1 50.3

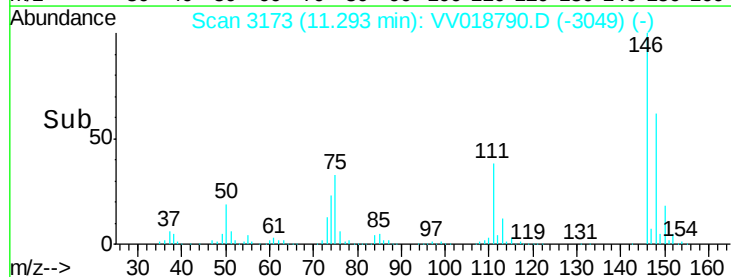
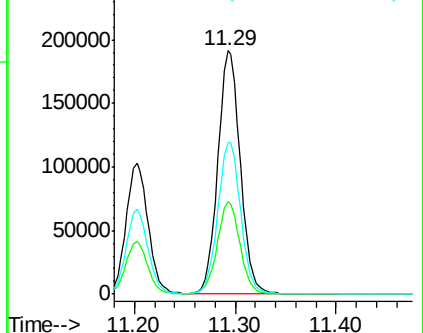
148 62.3 45.4 84.4

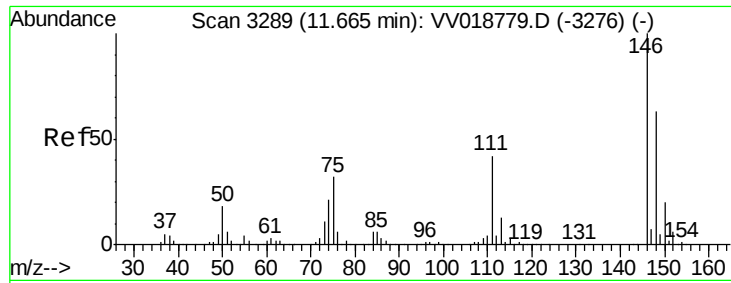


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 1.010 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018790.D

Acq: 09 Oct 2020 03:24

Instrument :

MSVOA_V

ClientSampleId :

BG3S2DL

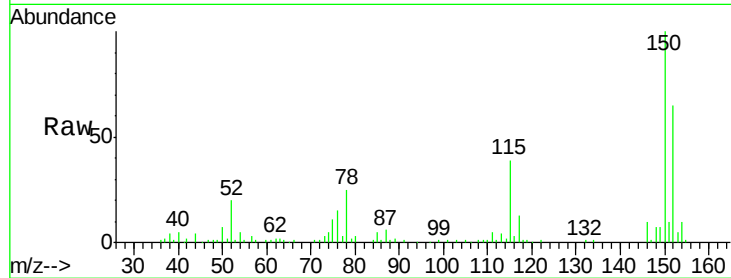
Tot Ion:146 Resp: 5340

Ion Ratio Lower Upper

146 100

111 54.4 33.8 50.6#

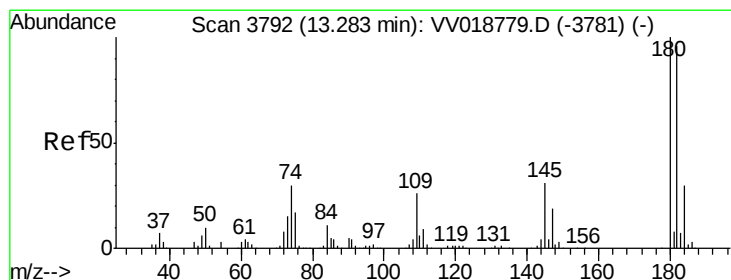
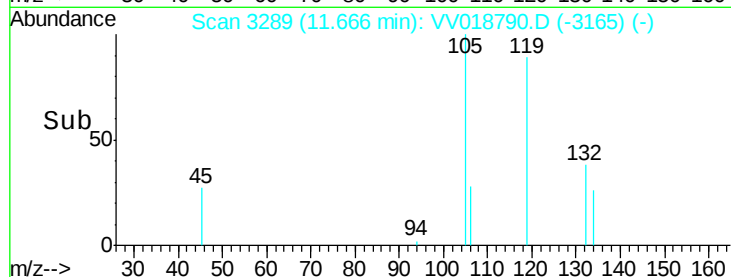
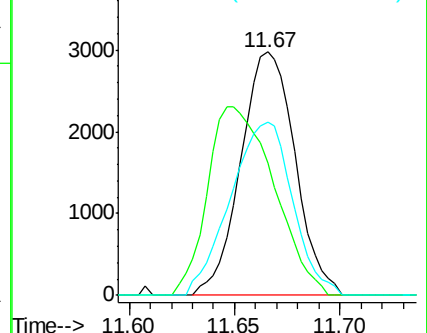
148 71.1 50.3 75.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 16.504 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018790.D

Acq: 09 Oct 2020 03:24

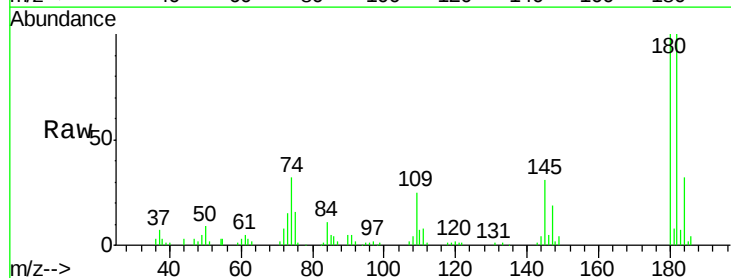
Tgt Ion:180 Resp: 52941

Ion Ratio Lower Upper

180 100

182 98.0 76.7 115.1

145 30.5 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

