

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014992.D
 Acq On : 17 Mar 2020 23:09
 Operator : SY/MD
 Sample : L1890-18DL2 1000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH5DL2

Quant Time: Mar 18 08:00:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 07:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	332315	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	320031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76387	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.00%
7) Chloroethane-d5	1.58	69	64589	39.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.56%
11) 1,1-Dichloroethene-d2	2.12	63	103192	30.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.76%
21) 2-Butanone-d5	3.94	46	103047	76.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.34%
24) Chloroform-d	4.38	84	201668	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.44%
26) 1,2-Dichloroethane-d4	5.06	65	136768	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
32) Benzene-d6	5.08	84	407687	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	6.10	67	121723	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.72%
41) Toluene-d8	7.34	98	392892	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	7.64	79	58935	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.12	63	114831	96.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181918	47.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	170760	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

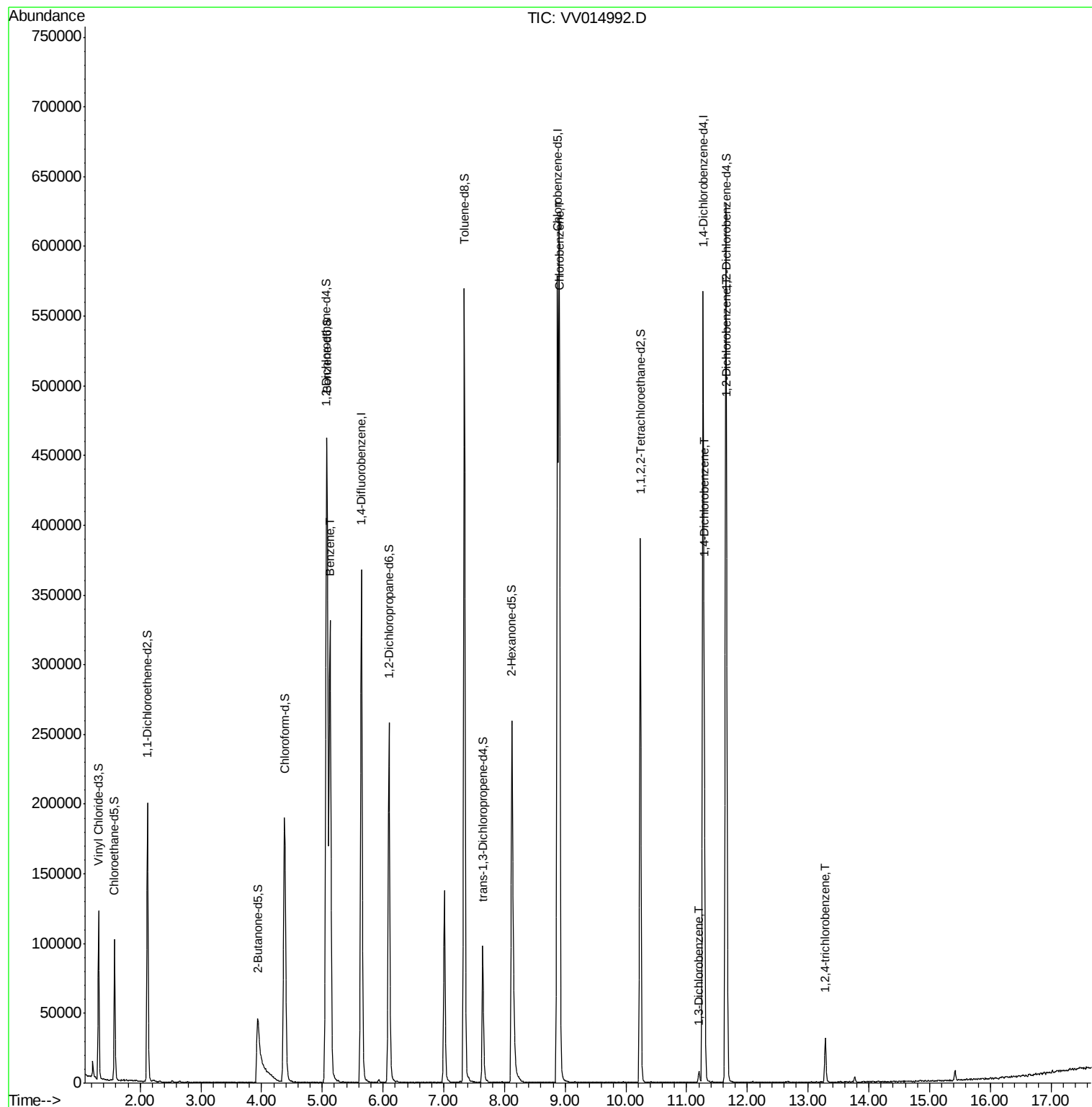
					Ovalue
33) Benzene	5.13	78	339664	39.004	ug/L 100
51) Chlorobenzene	8.90	112	332692	49.303	ug/L 99
62) 1,3-Dichlorobenzene	11.21	146	4022	0.795	ug/L 94
63) 1,4-Dichlorobenzene	11.29	146	84669	16.607	ug/L 98
65) 1,2-Dichlorobenzene	11.67	146	55248	10.927	ug/L 100
68) 1,2,4-trichlorobenzene	13.28	180	11378	3.217	ug/L 99

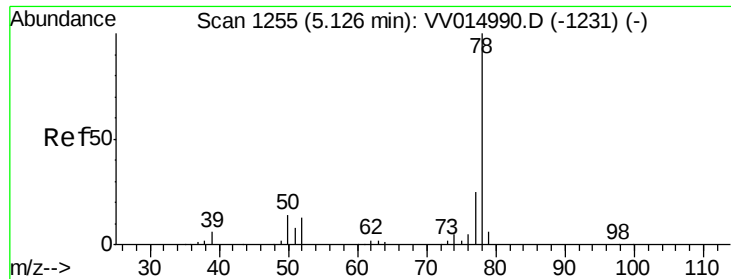
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 07:43:00 2020
Response via : Initial Calibration





#33

Benzene

Concen: 39.004 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV014992.D

Acq: 17 Mar 2020 23:09

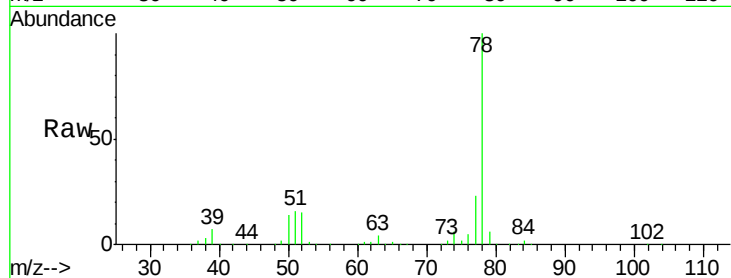
Instrument :

MSVOA_V

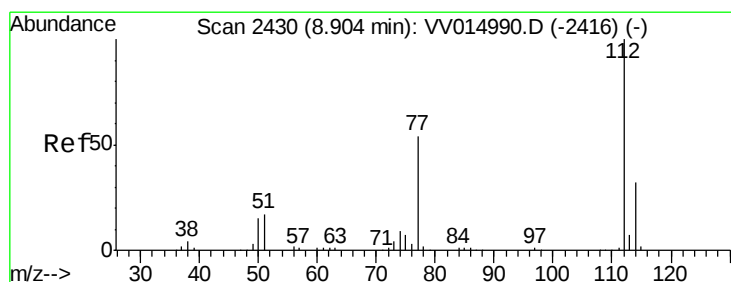
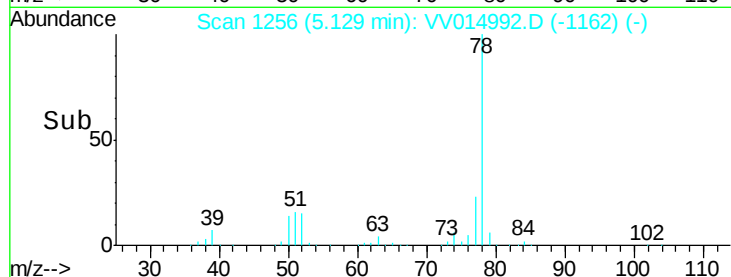
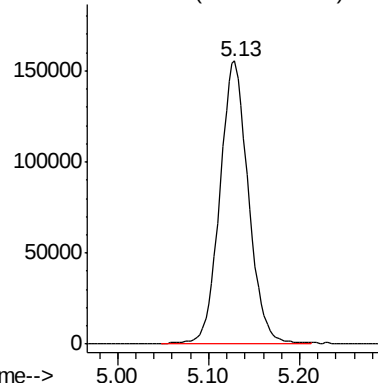
ClientSampleId :

C0DH5DL2

Tgt Ion: 78 Resp: 339664



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 49.303 ug/L

RT: 8.90 min Scan# 2430

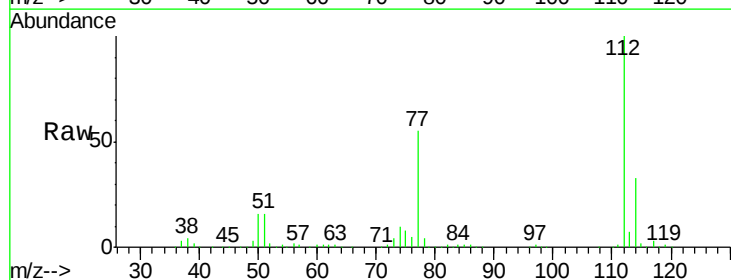
Delta R.T. 0.00 min

Lab File: VV014992.D

Acq: 17 Mar 2020 23:09

Tgt Ion: 112 Resp: 332692

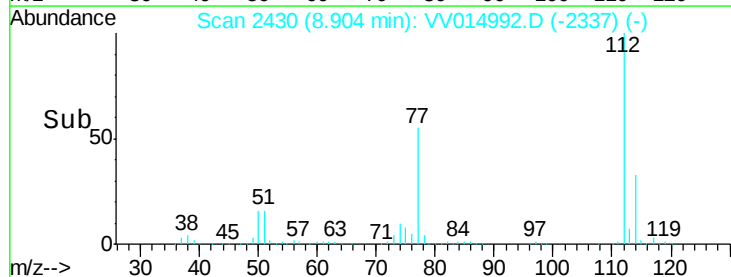
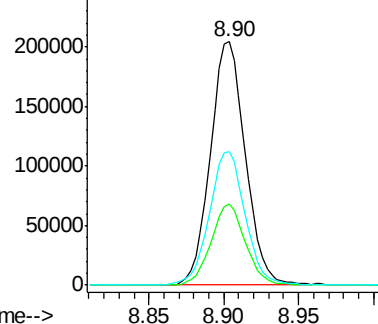
Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.8	42.4
77	54.8	44.5	66.7

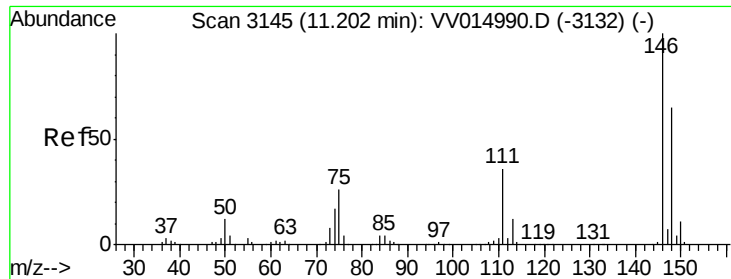


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 0.795 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV014992.D

Acq: 17 Mar 2020 23:09

Instrument :

MSVOA_V

ClientSampleID :

C0DH5DL2

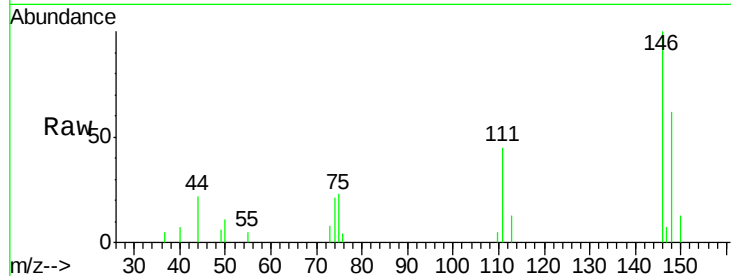
Tot Ion:146 Resp: 4022

Ion Ratio Lower Upper

146 100

111 44.6 26.5 49.3

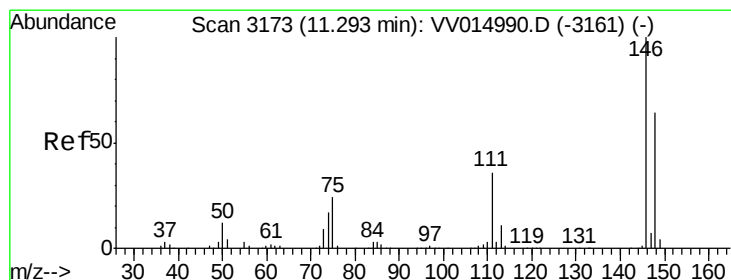
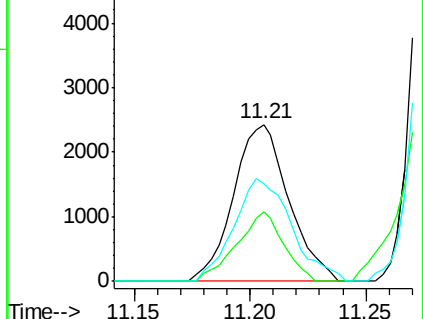
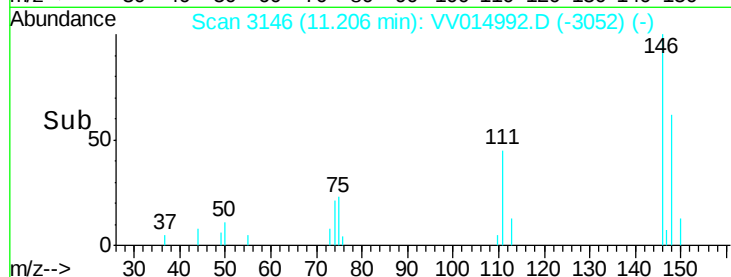
148 62.5 45.4 84.2



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: 16.607 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014992.D

Acq: 17 Mar 2020 23:09

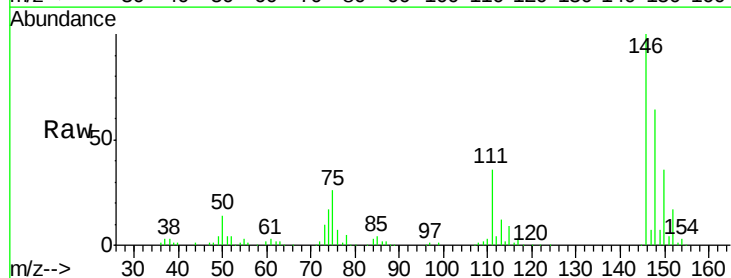
Tgt Ion:146 Resp: 84669

Ion Ratio Lower Upper

146 100

111 35.8 26.0 48.2

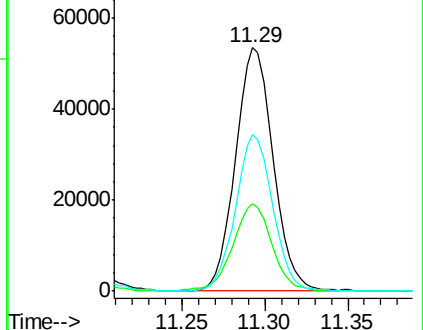
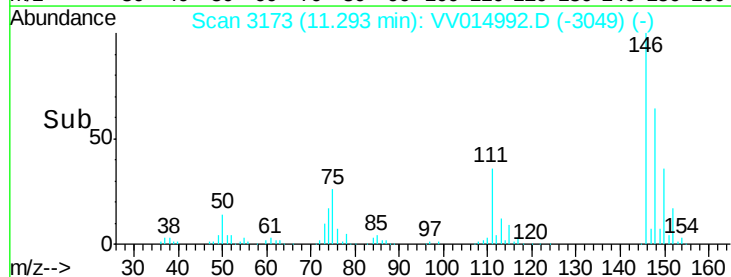
148 64.2 46.1 85.5

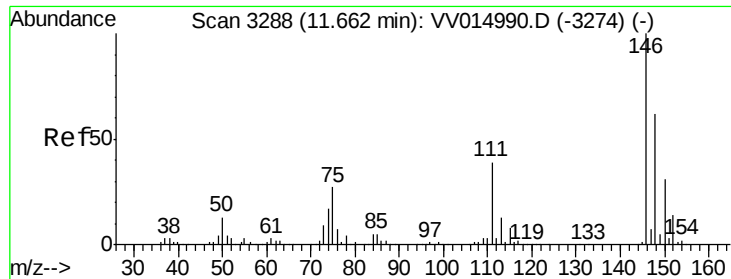


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.927 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014992.D

Acq: 17 Mar 2020 23:09

Instrument :

MSVOA_V

ClientSampleId :

C0DH5DL2

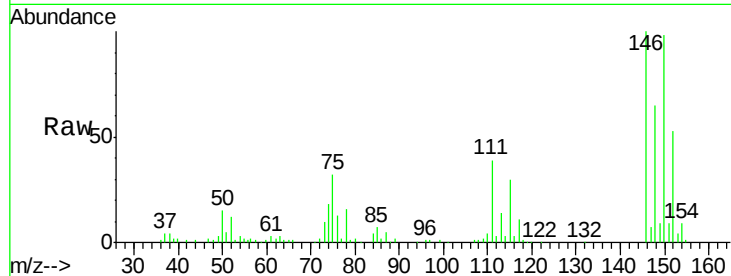
Tot Ion:146 Resp: 55248

Ion Ratio Lower Upper

146 100

111 39.2 31.6 47.4

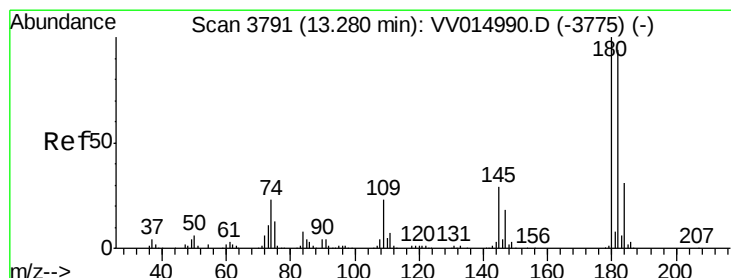
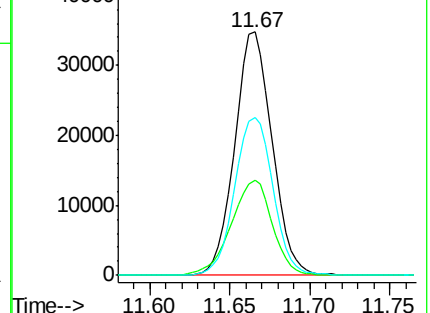
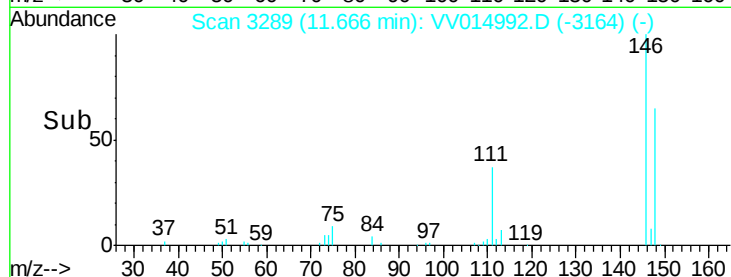
148 65.0 52.2 78.4



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



#68

1,2,4-trichlorobenzene

Concen: 3.217 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV014992.D

Acq: 17 Mar 2020 23:09

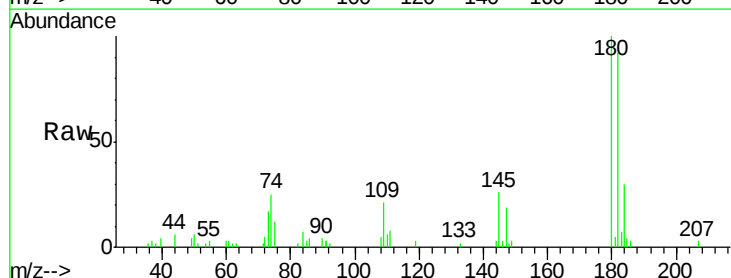
Tgt Ion:180 Resp: 11378

Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

145 29.3 23.1 34.7



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

