

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014970.D
 Acq On : 17 Mar 2020 13:46
 Operator : SY/MD
 Sample : L1890-18DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DH5DL

Quant Time: Mar 18 05:49:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 05:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167280	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81635	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.34%
7) Chloroethane-d5	1.58	69	68992	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.30%
11) 1,1-Dichloroethene-d2	2.12	63	109445	31.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.20%
21) 2-Butanone-d5	3.93	46	115426	83.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.86%
24) Chloroform-d	4.38	84	207112	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
26) 1,2-Dichloroethane-d4	5.06	65	139118	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.08	84	421335	46.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.44%
36) 1,2-Dichloropropane-d6	6.10	67	125483	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.46%
41) Toluene-d8	7.34	98	410667	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.64	79	61717	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
47) 2-Hexanone-d5	8.12	63	118126	97.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184916	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	178586	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

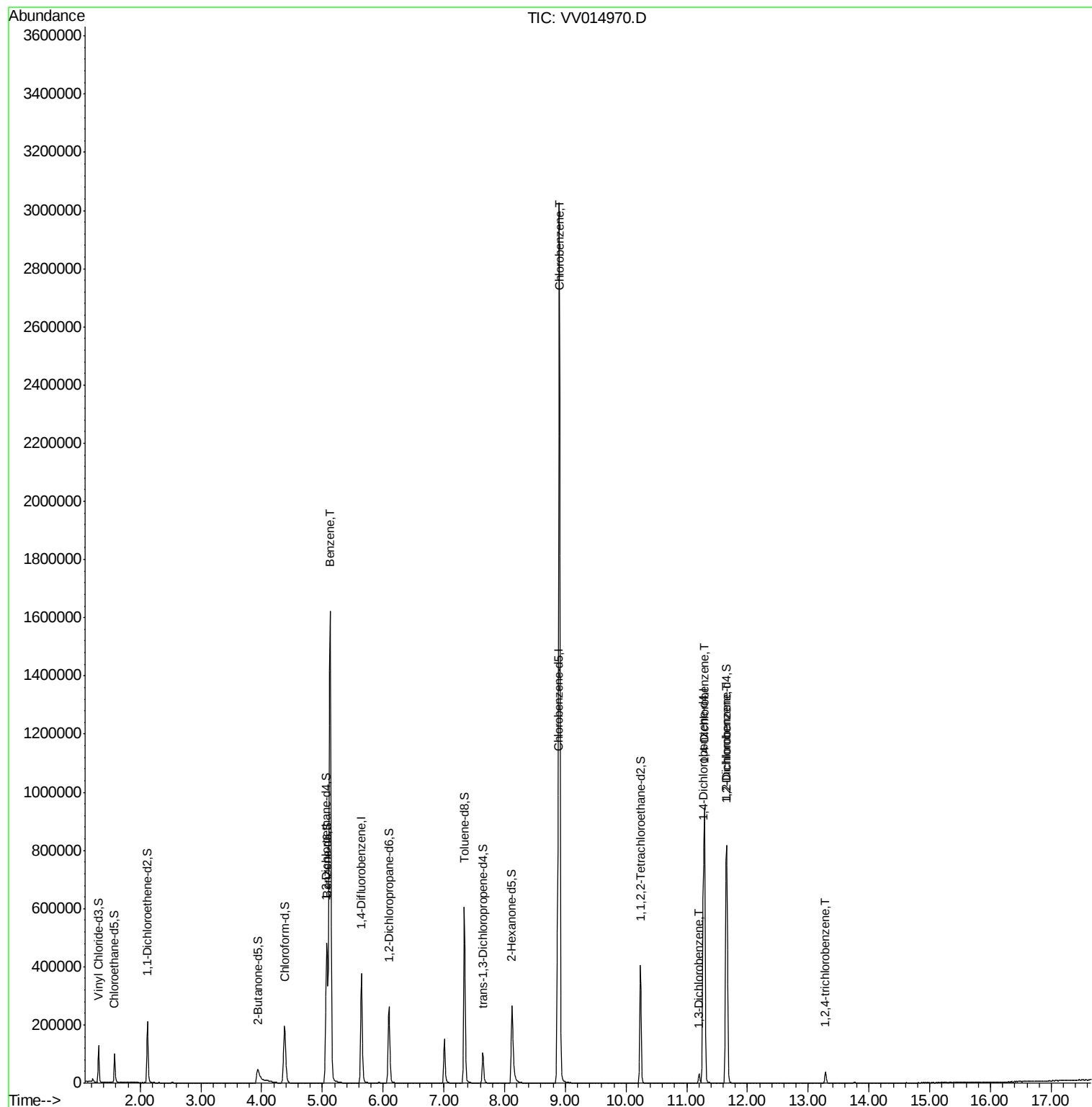
					Ovalue
33) Benzene	5.13	78	1664486	186.870	ug/L 100
51) Chlorobenzene	8.90	112	1660281	240.552	ug/L 99
62) 1,3-Dichlorobenzene	11.20	146	14421	2.616	ug/L 98
63) 1,4-Dichlorobenzene	11.29	146	383856	69.127	ug/L 99
65) 1,2-Dichlorobenzene	11.67	146	246719	44.805	ug/L 99
68) 1,2,4-trichlorobenzene	13.28	180	13604	3.531	ug/L 98

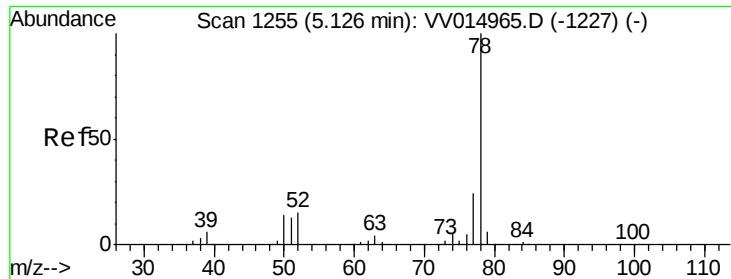
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration





#33

Benzene

Concen: 186.870 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV014970.D

Acq: 17 Mar 2020 13:46

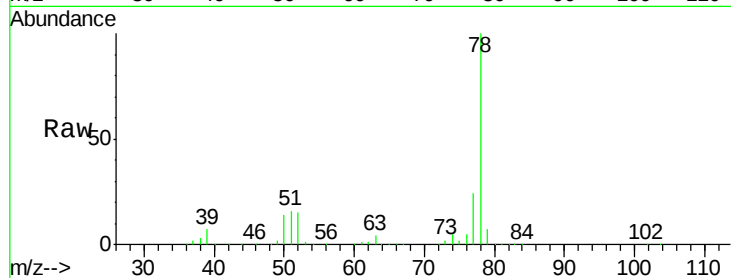
Instrument :

MSVOA_V

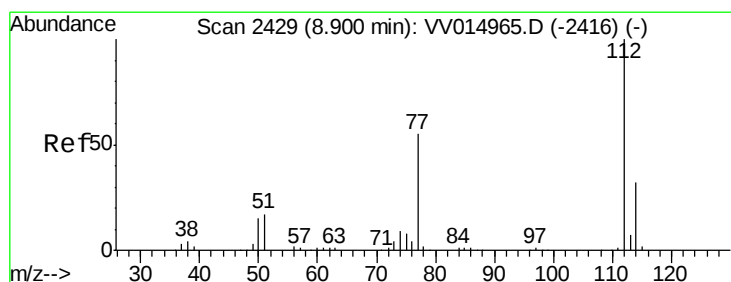
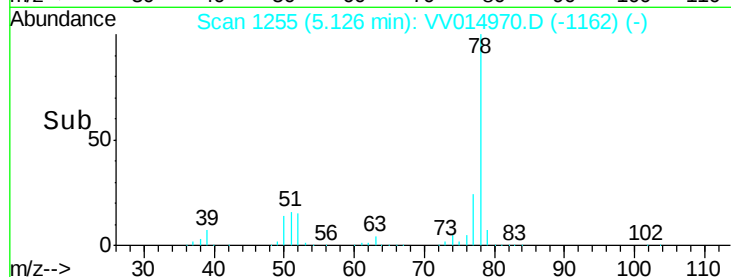
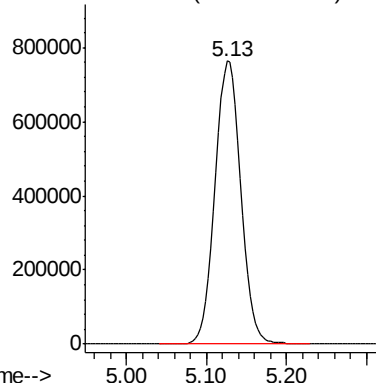
ClientSampleId :

C0DH5DL

Tgt Ion: 78 Resp: 1664486



Abundance Ion 78.00 (77.70 to 78.70): VV0



#51

Chlorobenzene

Concen: 240.552 ug/L

RT: 8.90 min Scan# 2430

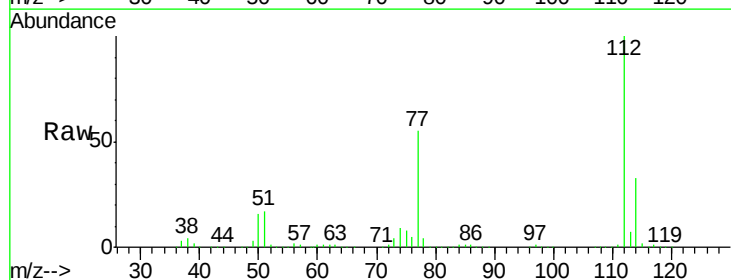
Delta R.T. 0.00 min

Lab File: VV014970.D

Acq: 17 Mar 2020 13:46

Tgt Ion: 112 Resp: 1660281

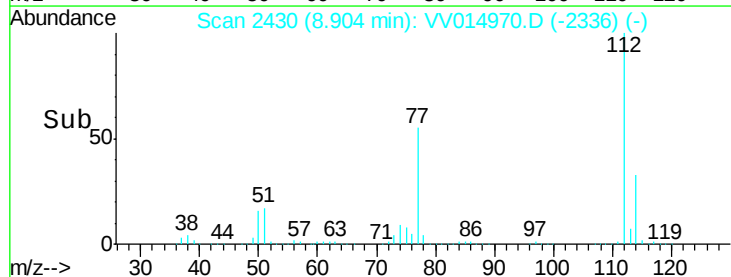
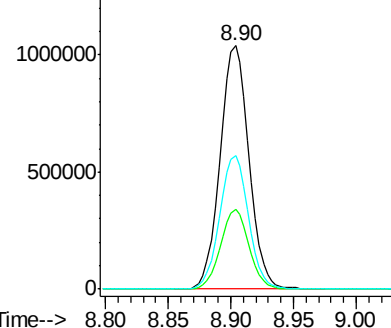
Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.8	42.4
77	54.6	44.5	66.7

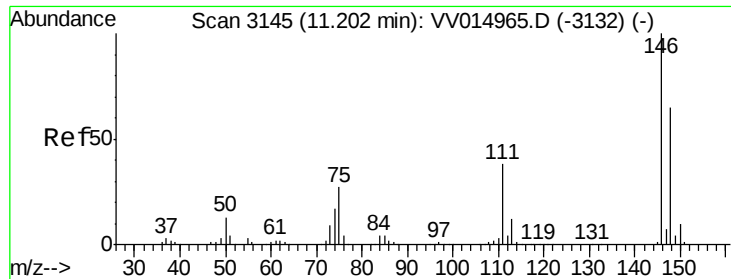


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#62

1,3-Dichlorobenzene

Concen: 2.616 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV014970.D

Acq: 17 Mar 2020 13:46

Instrument :

MSVOA_V

ClientSampled :

C0DH5DL

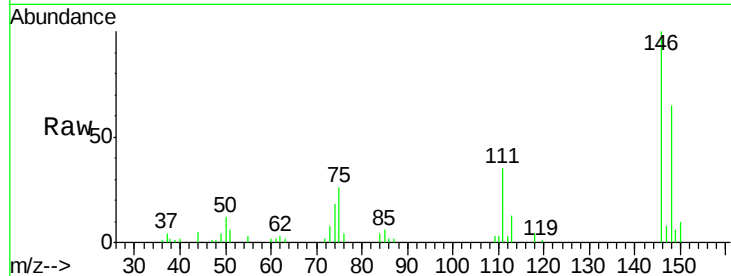
Tot Ion:146 Resp: 14421

Ion Ratio Lower Upper

146 100

111 35.2 26.5 49.3

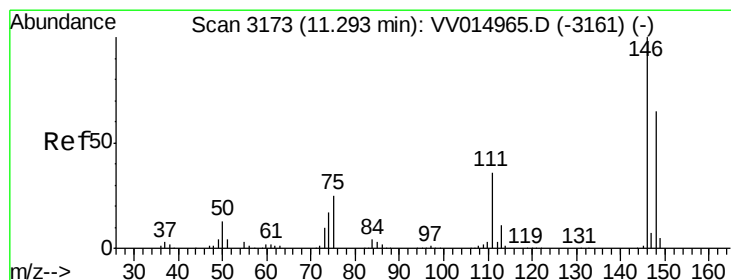
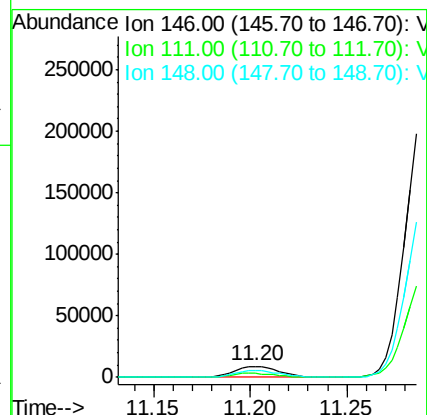
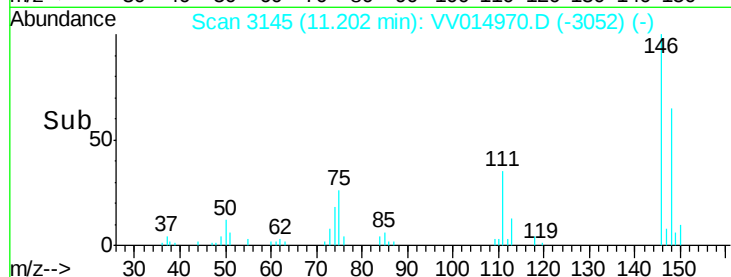
148 65.1 45.4 84.2



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: 69.127 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV014970.D

Acq: 17 Mar 2020 13:46

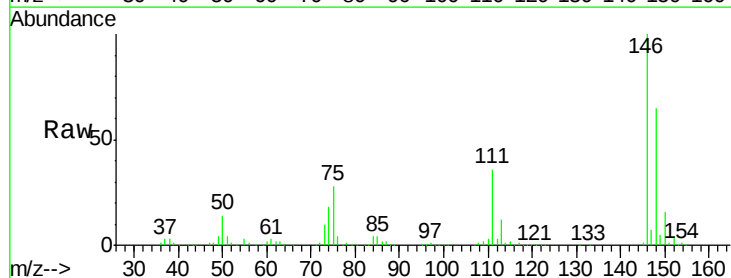
Tgt Ion:146 Resp: 383856

Ion Ratio Lower Upper

146 100

111 36.5 26.0 48.2

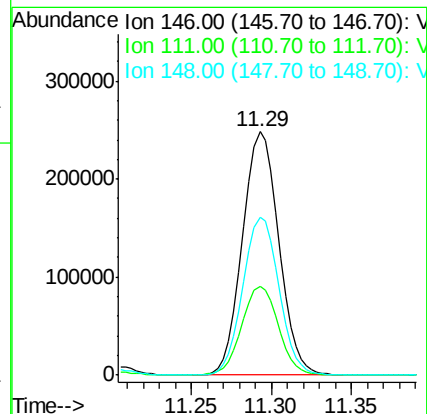
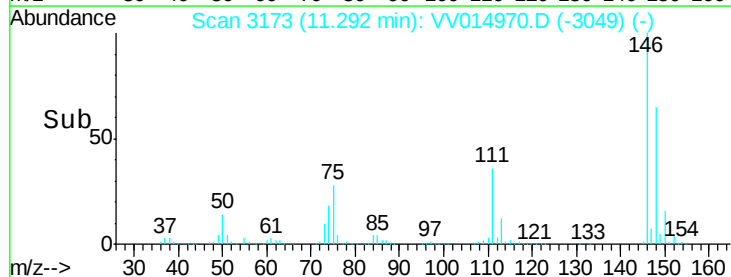
148 65.1 46.1 85.5

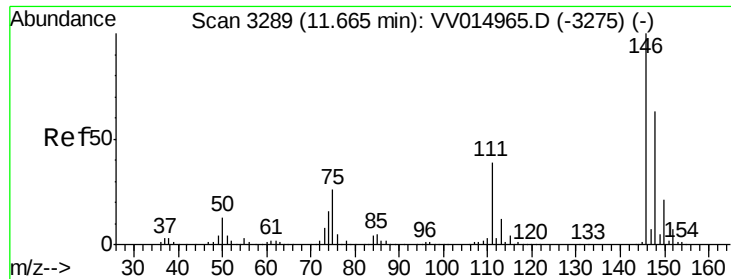


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 44.805 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV014970.D

Acq: 17 Mar 2020 13:46

Instrument :

MSVOA_V

ClientSampleId :

C0DH5DL

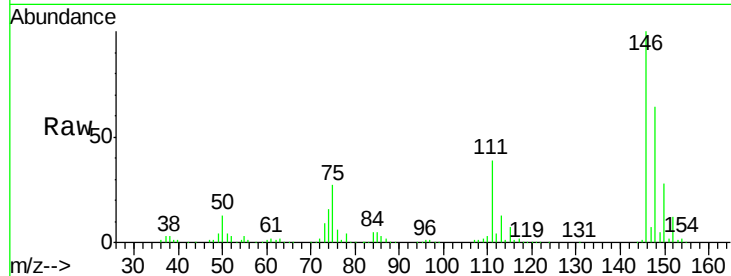
Tot Ion:146 Resp: 246719

Ion Ratio Lower Upper

146 100

111 39.2 31.6 47.4

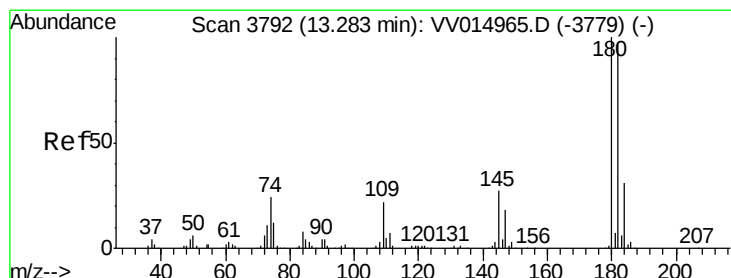
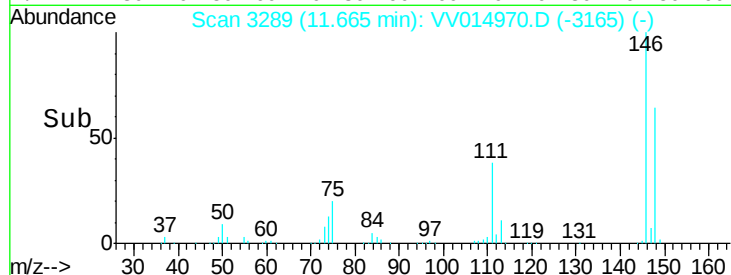
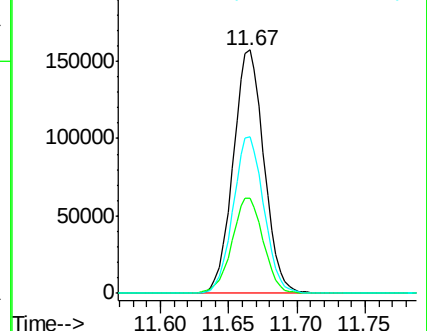
148 64.2 52.2 78.4



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: 3.531 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. -0.00 min

Lab File: VV014970.D

Acq: 17 Mar 2020 13:46

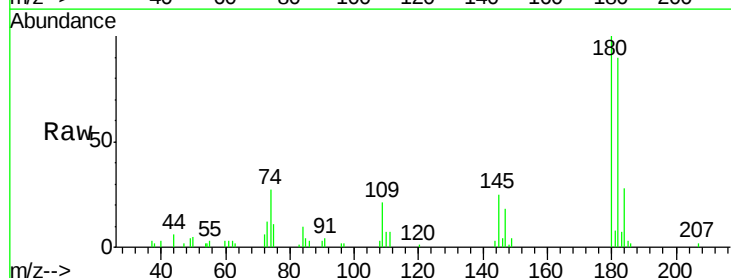
Tgt Ion:180 Resp: 13604

Ion Ratio Lower Upper

180 100

182 96.1 76.3 114.5

145 26.5 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

