

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014796.D
 Acq On : 10 Mar 2020 12:32
 Operator : SY/MD
 Sample : L1834-15DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DK8DL

Quant Time: Mar 11 02:33:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	404938	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	396086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	191788	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107933	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.78%
7) Chloroethane-d5	1.58	69	91990	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.92%
11) 1,1-Dichloroethene-d2	2.12	63	140673	30.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.78%
21) 2-Butanone-d5	3.94	46	174251	85.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.26%
24) Chloroform-d	4.38	84	242489	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.06	65	164571	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
32) Benzene-d6	5.08	84	498335	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.10	67	155044	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.46%
41) Toluene-d8	7.34	98	470651	45.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.90%
43) trans-1,3-Dichloropropene-	7.64	79	71292	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
47) 2-Hexanone-d5	8.12	63	150114	97.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	218967	45.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	190914	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

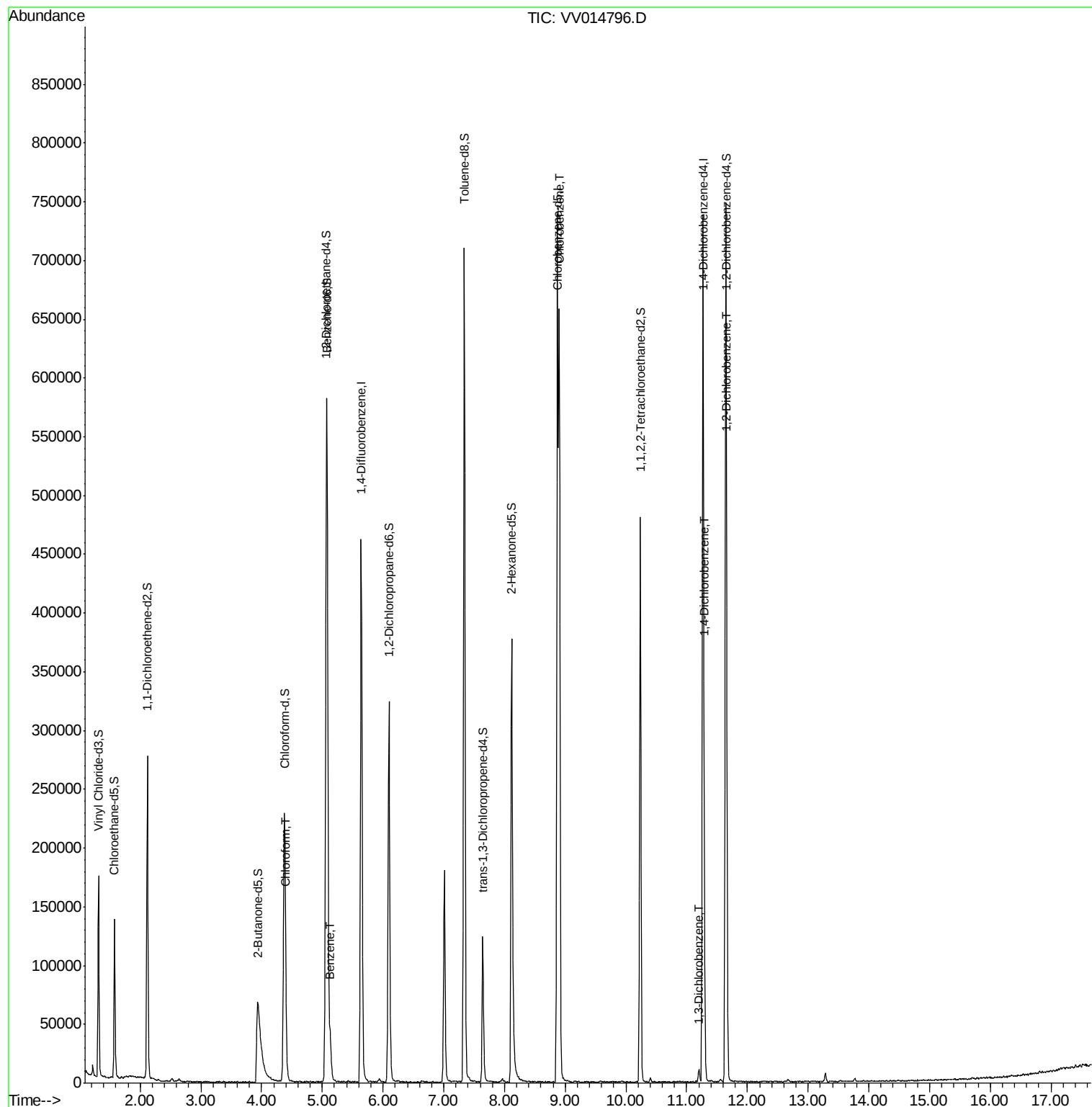
					Ovalue
25) Chloroform	4.41	83	8168	1.485 ug/L	88
33) Benzene	5.13	78	39122	3.409 ug/L	100
51) Chlorobenzene	8.90	112	342151	42.007 ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	4555	0.734 ug/L	86
63) 1,4-Dichlorobenzene	11.29	146	44932	7.191 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	52226	8.458 ug/L	98

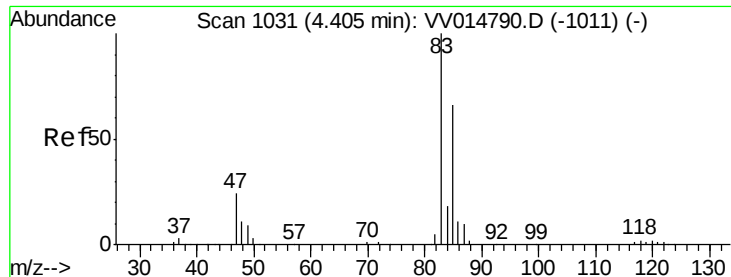
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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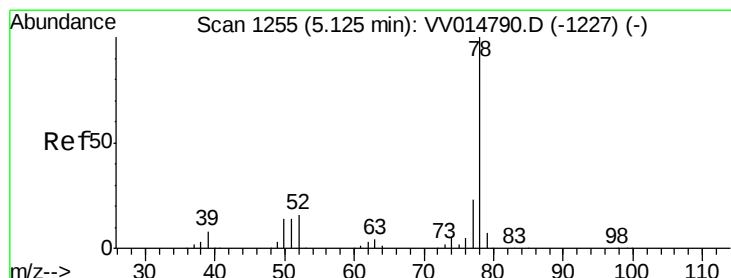
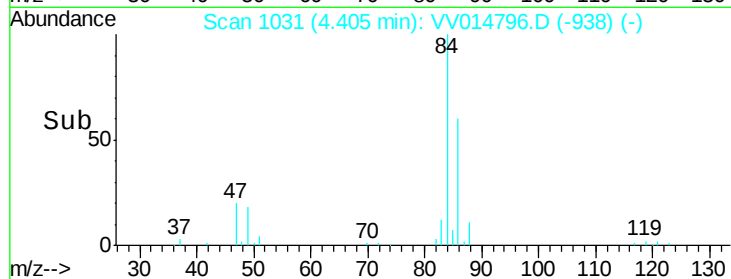
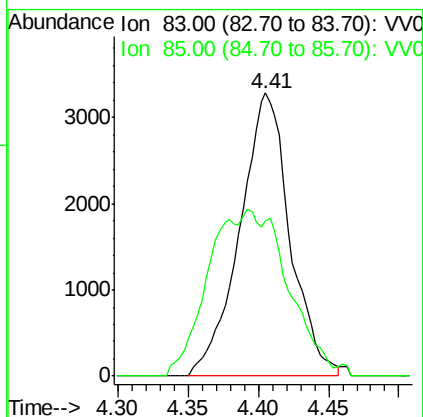
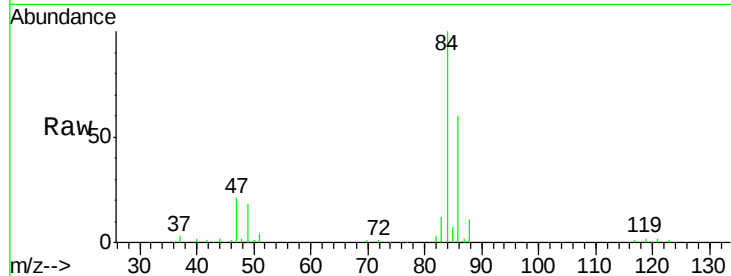




#25
Chloroform
Concen: 1.485 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV014796.D
Acq: 10 Mar 2020 12:32

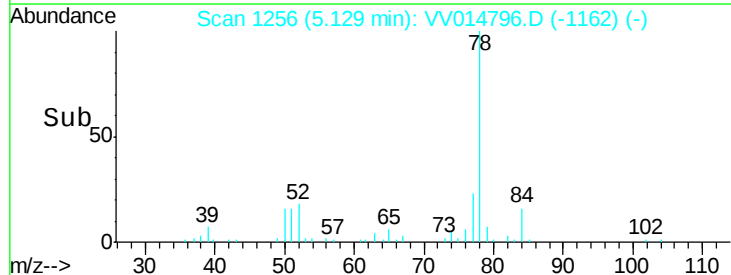
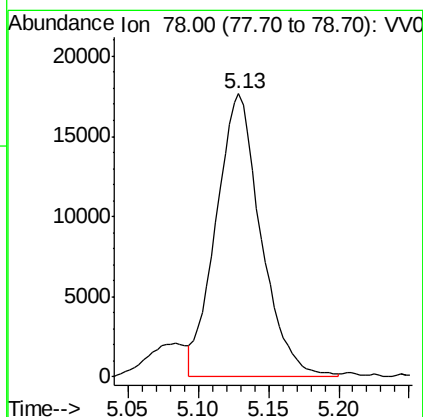
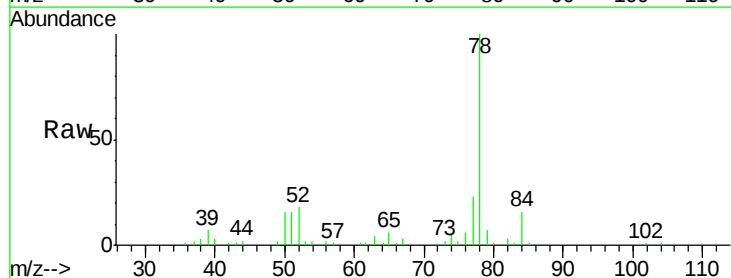
Instrument :
MSVOA_V
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C0DK8DL

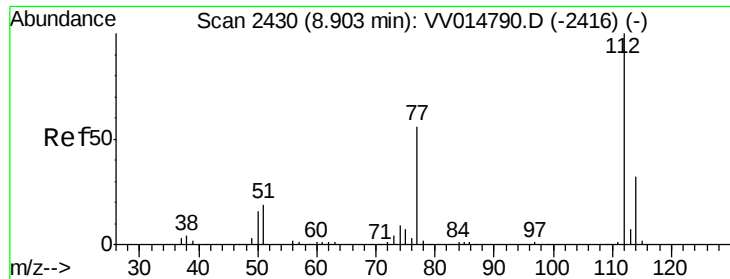
Tot Ion: 83 Resp: 8168
Ion Ratio Lower Upper
83 100
85 54.7 45.1 83.9



#33
Benzene
Concen: 3.409 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VV014796.D
Acq: 10 Mar 2020 12:32

Tgt Ion: 78 Resp: 39122





#51

Chlorobenzene

Concen: 42.007 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV014796.D

Acq: 10 Mar 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

C0DK8DL

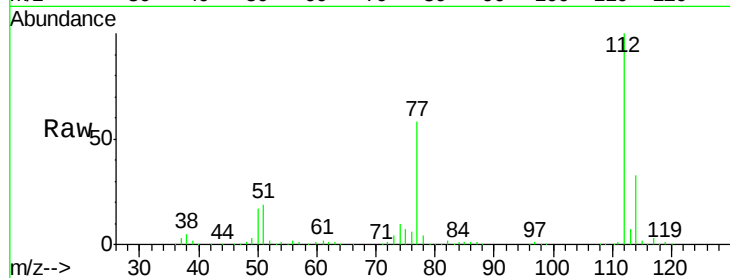
Tot Ion:112 Resp: 342151

Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

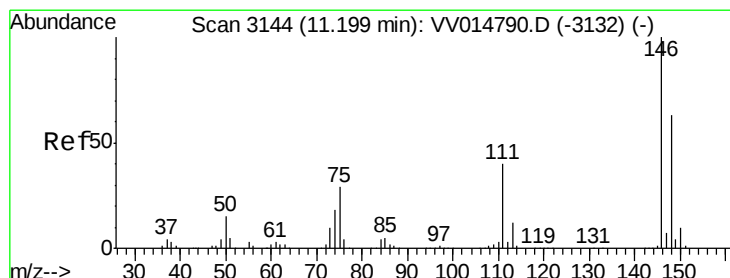
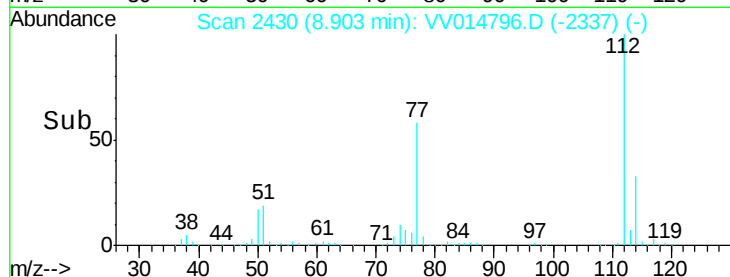
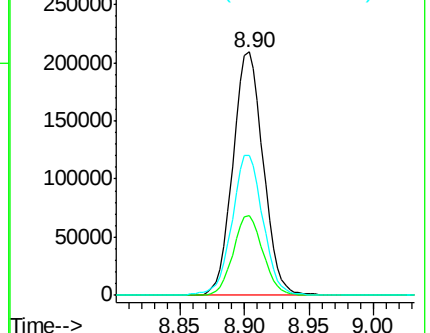
77 57.7 47.8 71.8



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): V



#62

1,3-Dichlorobenzene

Concen: 0.734 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.01 min

Lab File: VV014796.D

Acq: 10 Mar 2020 12:32

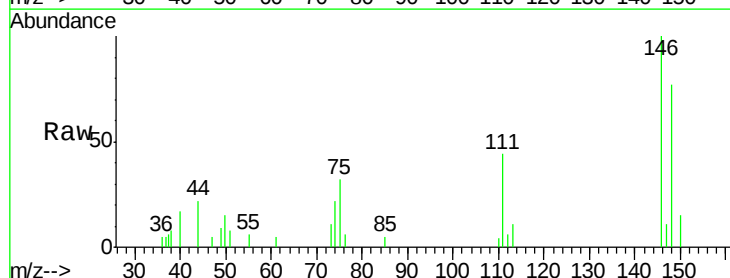
Tgt Ion:146 Resp: 4555

Ion Ratio Lower Upper

146 100

111 43.9 27.2 50.4

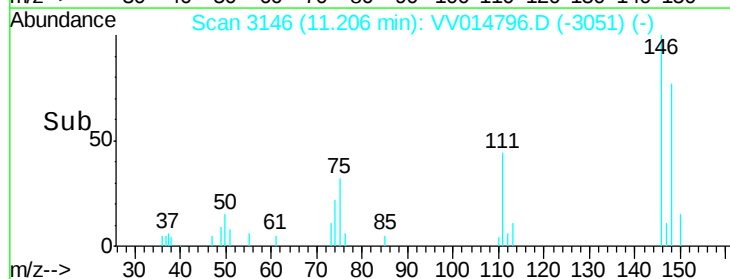
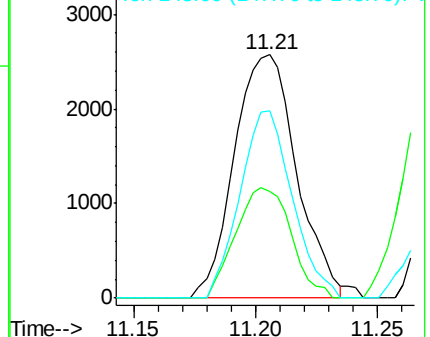
148 77.0 44.2 82.2

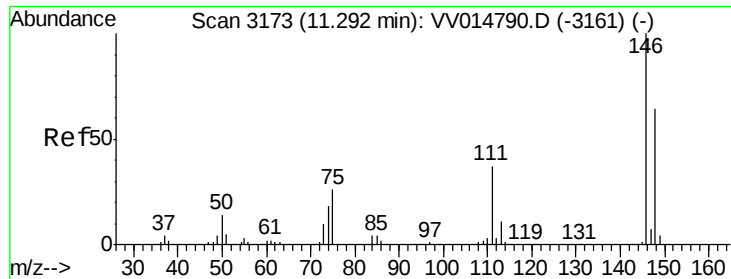


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 7.191 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV014796.D

Acq: 10 Mar 2020 12:32

Instrument :

MSVOA_V

ClientSampleId :

C0DK8DL

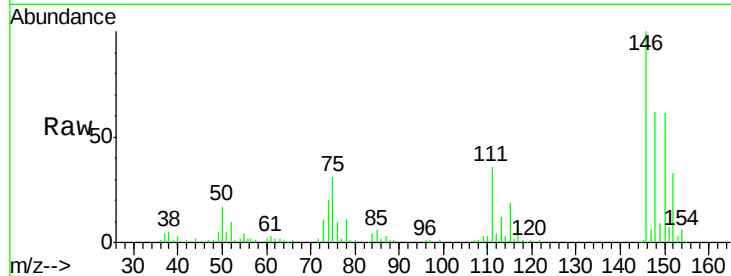
Tot Ion:146 Resp: 44932

Ion Ratio Lower Upper

146 100

111 35.8 26.3 48.9

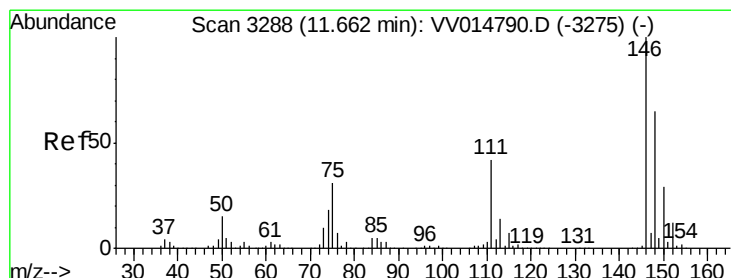
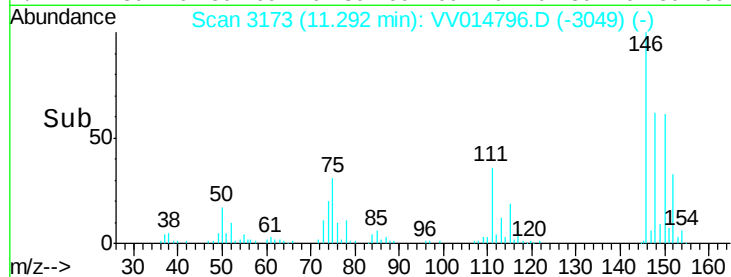
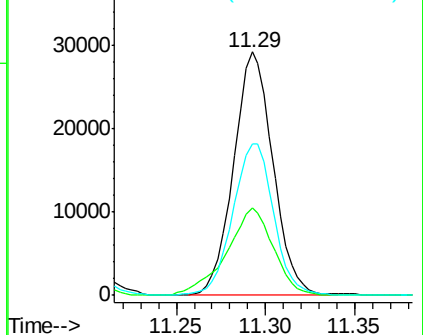
148 62.4 44.0 81.8



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: 8.458 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV014796.D

Acq: 10 Mar 2020 12:32

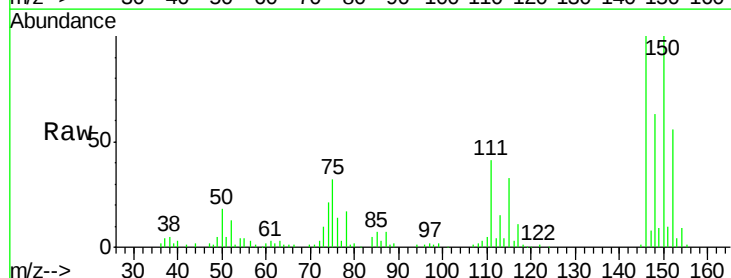
Tgt Ion:146 Resp: 52226

Ion Ratio Lower Upper

146 100

111 41.1 33.9 50.9

148 63.1 51.4 77.0



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

