

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030920\
 Data File : VV014786.D
 Acq On : 09 Mar 2020 19:01
 Operator : SY/MD
 Sample : L1835-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D82

Quant Time: Mar 10 17:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	418644	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	404547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195255	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113745	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.30%
7) Chloroethane-d5	1.58	69	97610	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.16%
11) 1,1-Dichloroethene-d2	2.12	63	150281	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	3.94	46	184840	87.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.48%
24) Chloroform-d	4.38	84	247330	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	168734	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
32) Benzene-d6	5.08	84	509381	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
36) 1,2-Dichloropropane-d6	6.10	67	161293	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.12%
41) Toluene-d8	7.34	98	478152	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.64	79	72637	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
47) 2-Hexanone-d5	8.12	63	154488	98.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	221147	45.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	193252	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

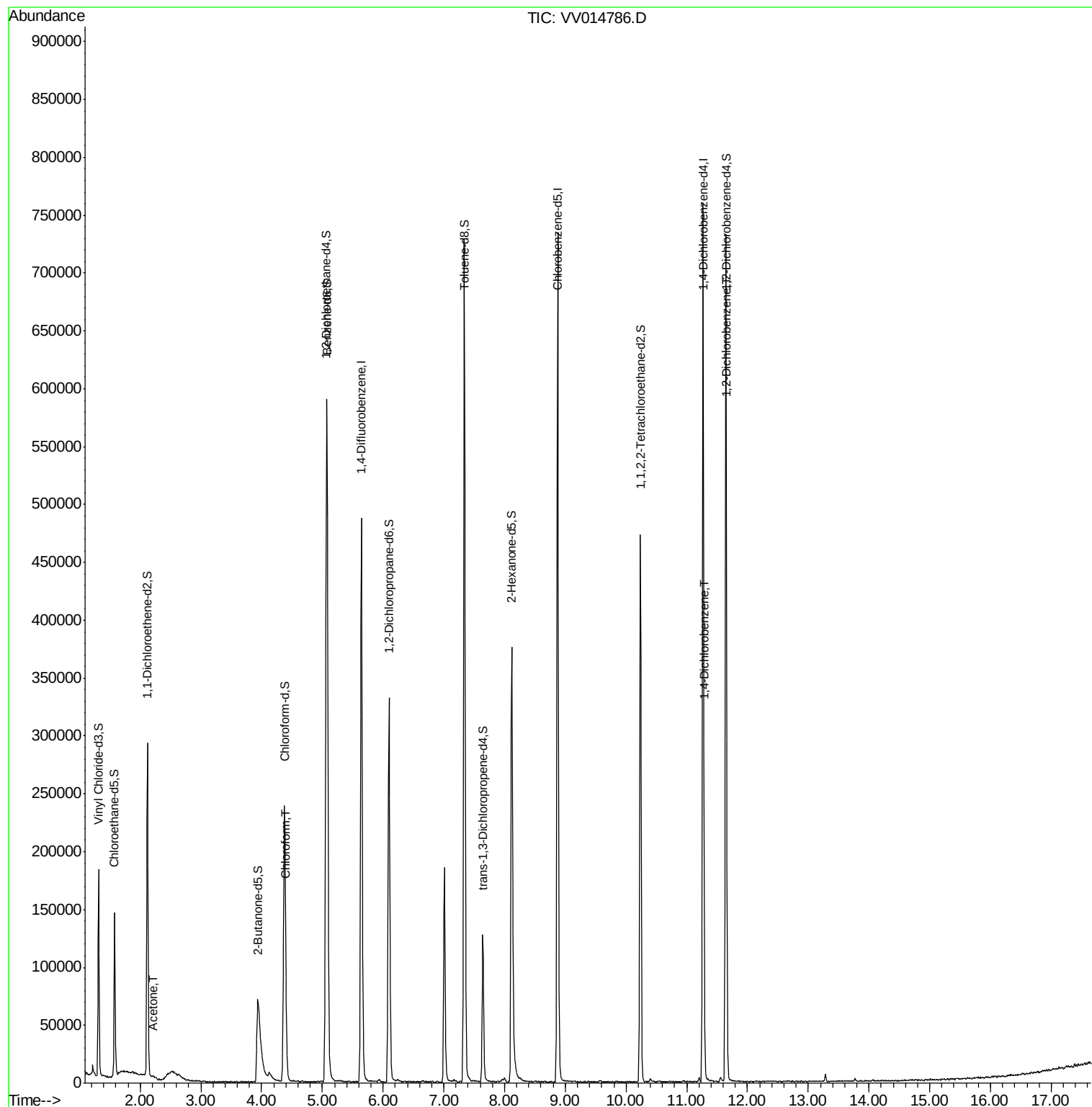
					Ovalue
13) Acetone	2.21	43	2494	1.414 ug/L	82
25) Chloroform	4.41	83	6615	1.164 ug/L	93
63) 1,4-Dichlorobenzene	11.29	146	6478	1.018 ug/L	84
65) 1,2-Dichlorobenzene	11.66	146	5219	0.830 ug/L #	87

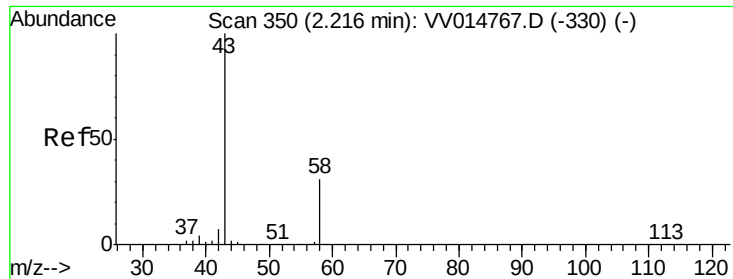
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.414 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV014786.D

Acq: 09 Mar 2020 19:01

Instrument :

MSVOA_V

ClientSampled :

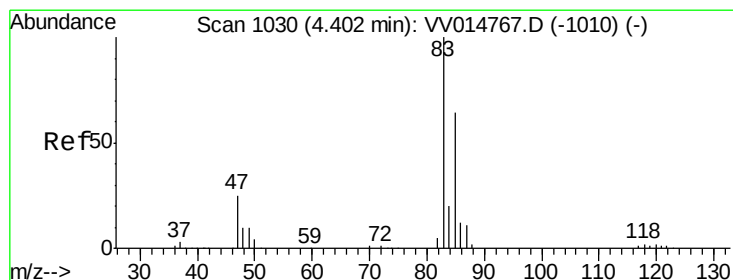
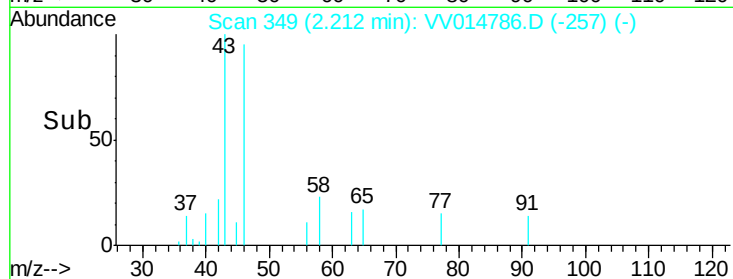
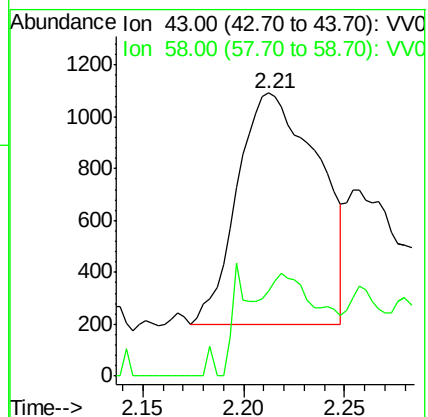
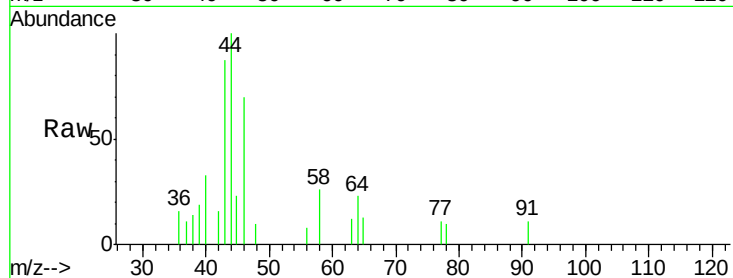
C0D82

Tot Ion: 43 Resp: 2494

Ion Ratio Lower Upper

43 100

58 21.2 0.0 62.2



#25

Chloroform

Concen: 1.164 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV014786.D

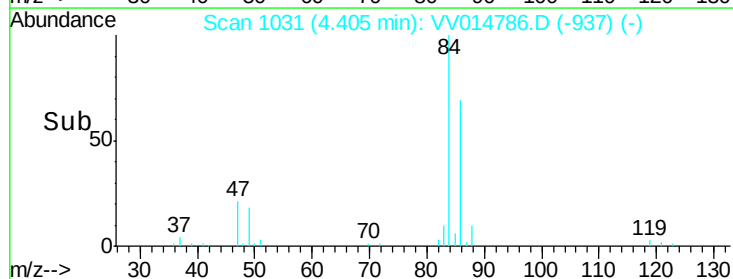
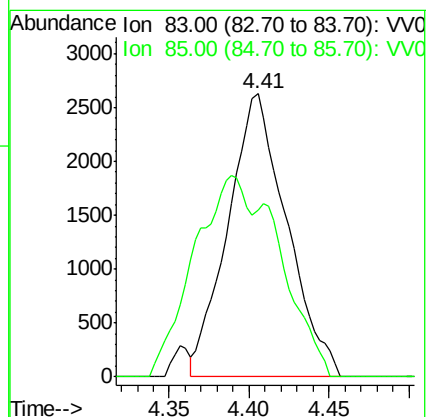
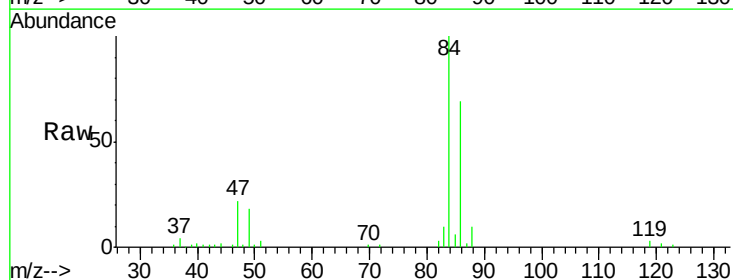
Acq: 09 Mar 2020 19:01

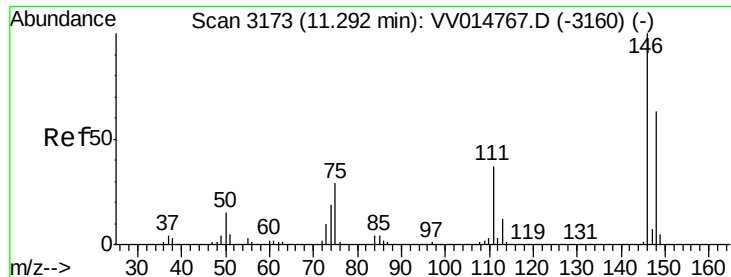
Tgt Ion: 83 Resp: 6615

Ion Ratio Lower Upper

83 100

85 58.9 45.1 83.9





#63

1,4-Dichlorobenzene

Concen: 1.018 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014786.D

Acq: 09 Mar 2020 19:01

Instrument :

MSVOA_V

ClientSampleId :

C0D82

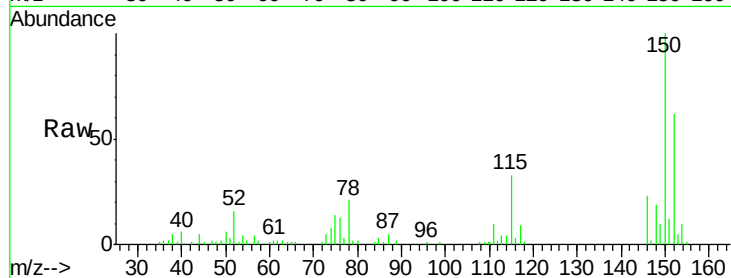
Tot Ion:146 Resp: 6478

Ion Ratio Lower Upper

146 100

111 41.0 26.3 48.9

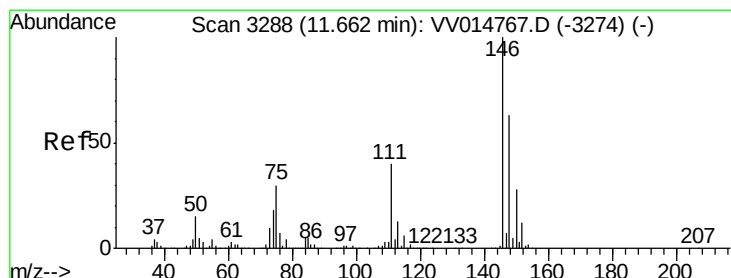
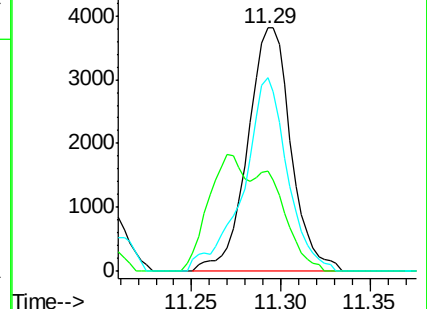
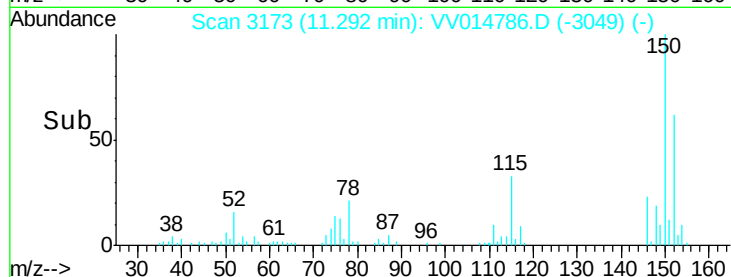
148 79.5 44.0 81.8



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: 0.830 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. 0.00 min

Lab File: VV014786.D

Acq: 09 Mar 2020 19:01

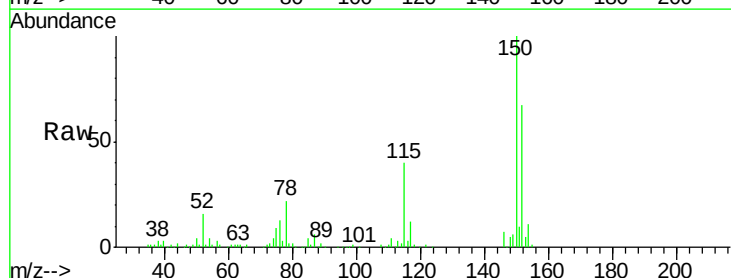
Tgt Ion:146 Resp: 5219

Ion Ratio Lower Upper

146 100

111 57.0 33.9 50.9#

148 69.8 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

