

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015242.D
 Acq On : 28 Mar 2020 13:31
 Operator : SY/MD
 Sample : L1975-02 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTG7

Quant Time: Mar 30 02:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	379889	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97615	63.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	126.66%
7) Chloroethane-d5	1.58	69	102903	62.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.56%
11) 1,1-Dichloroethene-d2	2.12	63	165101	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.66%
21) 2-Butanone-d5	3.94	46	152567	83.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.56%
24) Chloroform-d	4.37	84	210587	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.76%
26) 1,2-Dichloroethane-d4	5.06	65	141505	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
32) Benzene-d6	5.07	84	387413	61.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.24%
36) 1,2-Dichloropropane-d6	6.09	67	132291	56.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.36%
41) Toluene-d8	7.33	98	352641	63.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	127.30%#
43) trans-1,3-Dichloropropene-	7.64	79	65136	51.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.52%
47) 2-Hexanone-d5	8.12	63	118608	87.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	185790	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	135050	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

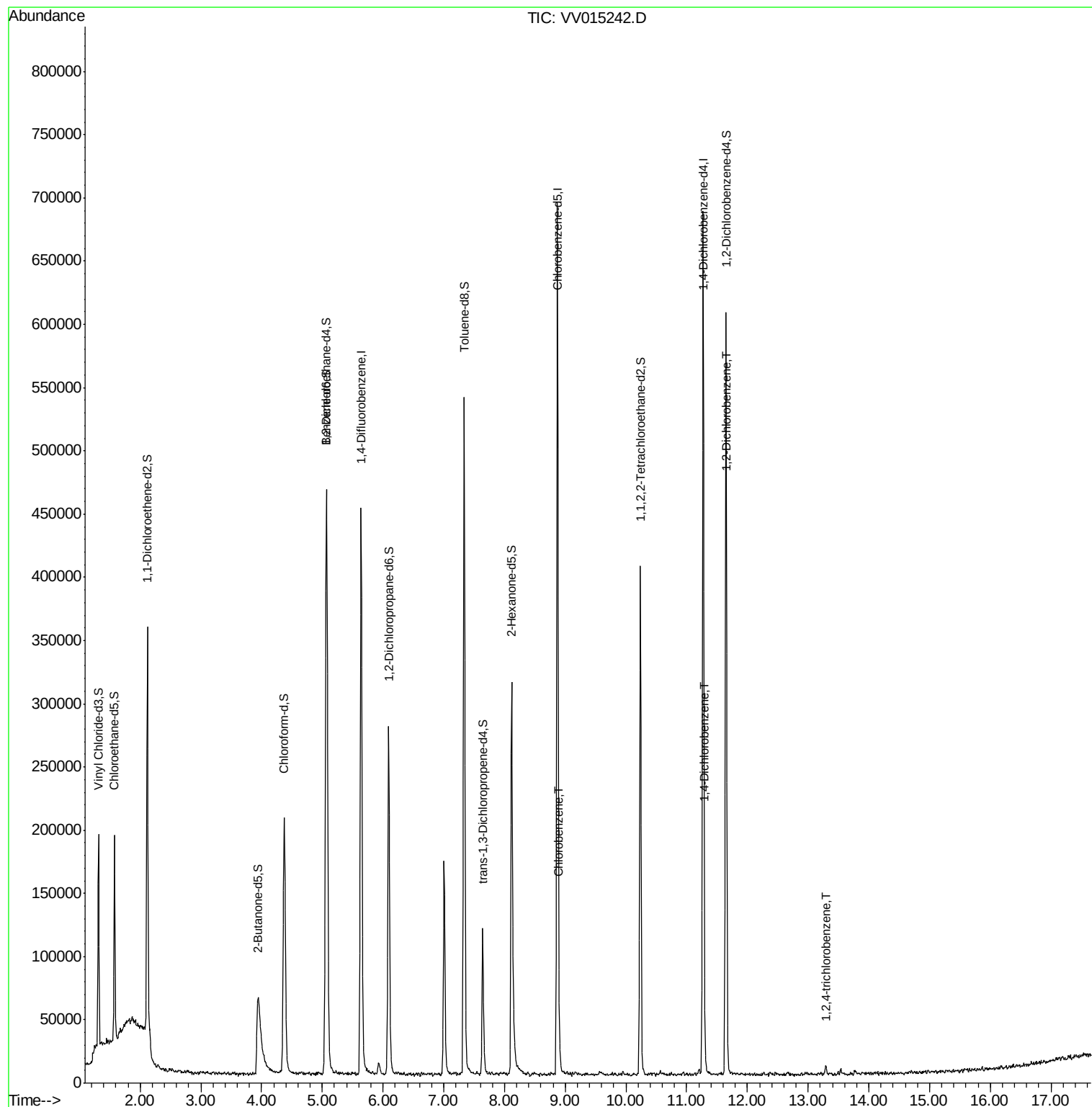
					Ovalue
51) Chlorobenzene	8.90	112	7063	0.980 ug/L	93
63) 1,4-Dichlorobenzene	11.30	146	6643	1.345 ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	4703	0.934 ug/L	91
68) 1,2,4-trichlorobenzene	13.29	180	2076	0.716 ug/L	93

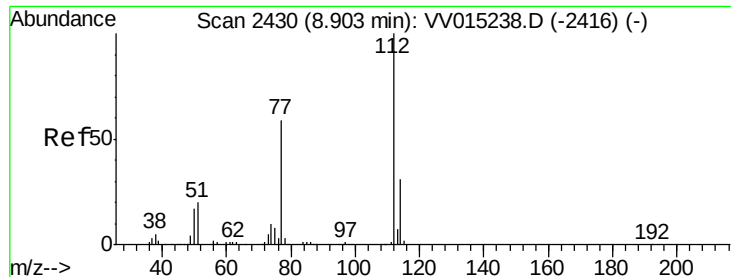
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Mar 30 02:13:00 2020
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 0.980 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015242.D

Acq: 28 Mar 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

ETTG7

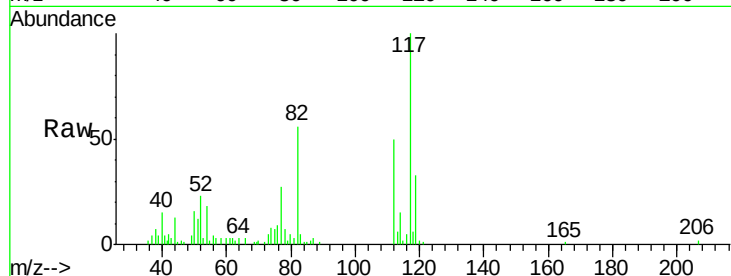
Tot Ion:112 Resp: 7063

Ion Ratio Lower Upper

112 100

114 30.2 22.3 41.5

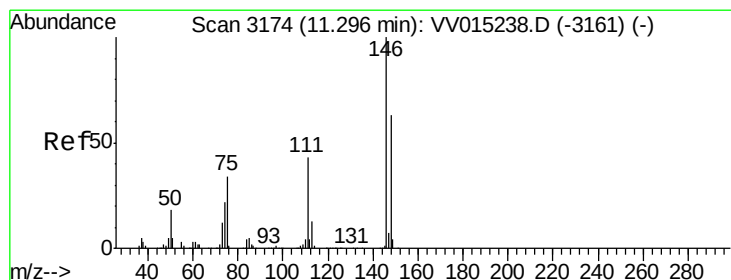
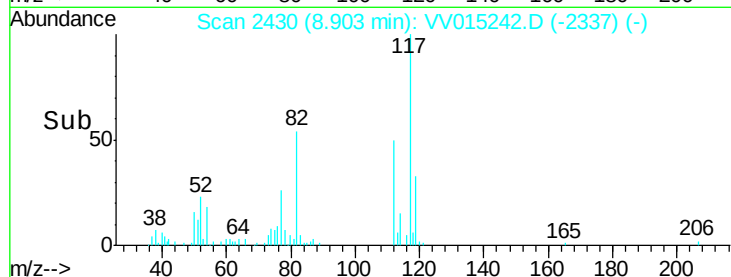
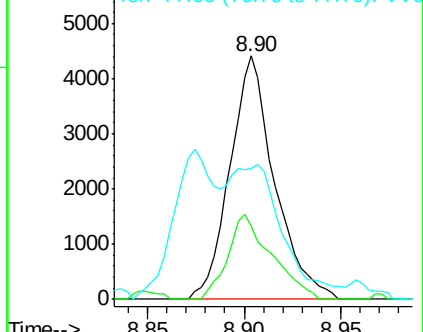
77 53.9 48.2 72.2



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



#63

1,4-Dichlorobenzene

Concen: 1.345 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.00 min

Lab File: VV015242.D

Acq: 28 Mar 2020 13:31

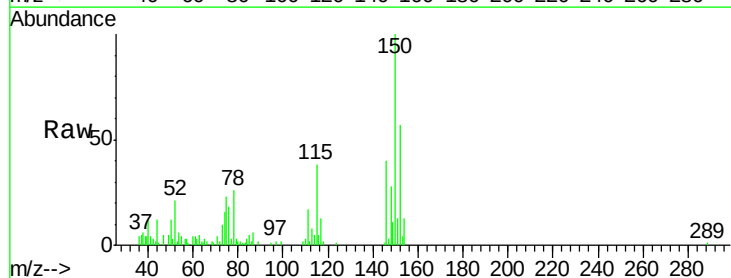
Tgt Ion:146 Resp: 6643

Ion Ratio Lower Upper

146 100

111 41.7 29.4 54.6

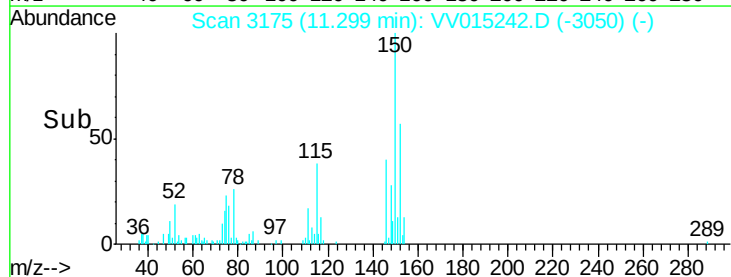
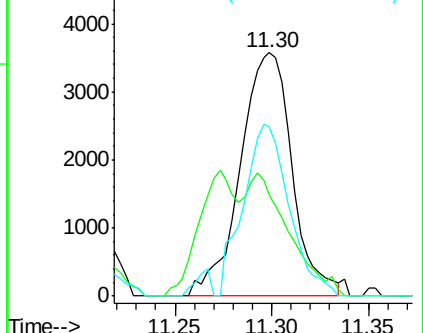
148 69.5 43.6 81.0

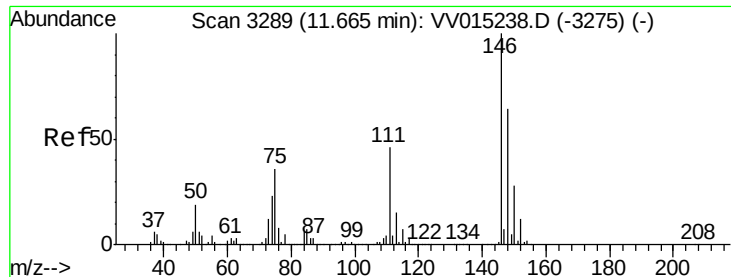


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

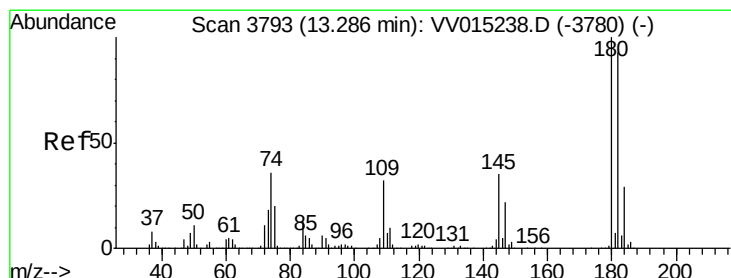
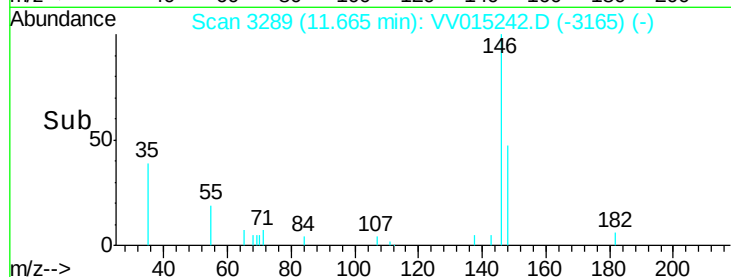
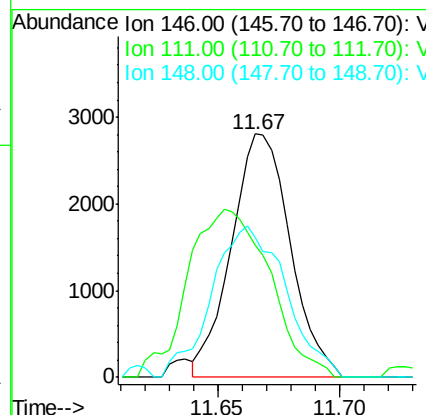
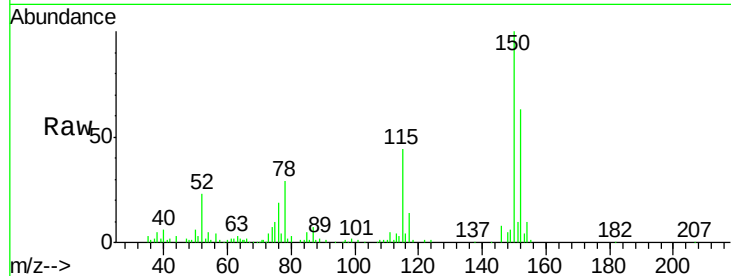




#65
 1,2-Dichlorobenzene
 Concen: 0.934 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV015242.D
 Acq: 28 Mar 2020 13:31

Instrument :
 MSVOA_V
 ClientSampled :
 ETTG7

Tot Ion:146 Resp: 4703
 Ion Ratio Lower Upper
 146 100
 111 54.1 37.6 56.4
 148 57.4 50.6 76.0



#68
 1,2,4-trichlorobenzene
 Concen: 0.716 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015242.D
 Acq: 28 Mar 2020 13:31

Tgt Ion:180 Resp: 2076
 Ion Ratio Lower Upper
 180 100
 182 85.8 75.5 113.3
 145 34.9 28.5 42.7

