

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015239.D
 Acq On : 28 Mar 2020 11:29
 Operator : SY/MD
 Sample : VV0327WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK96

Quant Time: Mar 30 02:21:21 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	568111	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	547850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	236244	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118952	51.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	135825	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.94%
11) 1,1-Dichloroethene-d2	2.12	63	183031	31.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.50%
21) 2-Butanone-d5	3.94	46	325358	119.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.15%
24) Chloroform-d	4.38	84	312761	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.06	65	225022	57.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.86%
32) Benzene-d6	5.08	84	536518	55.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.24%
36) 1,2-Dichloropropane-d6	6.10	67	198945	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.12%
41) Toluene-d8	7.34	98	461581	54.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.60%
43) trans-1,3-Dichloropropene-	7.64	79	95109	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.52%
47) 2-Hexanone-d5	8.12	63	241616	115.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	346020	54.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	219479	54.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.92%

Target Compounds

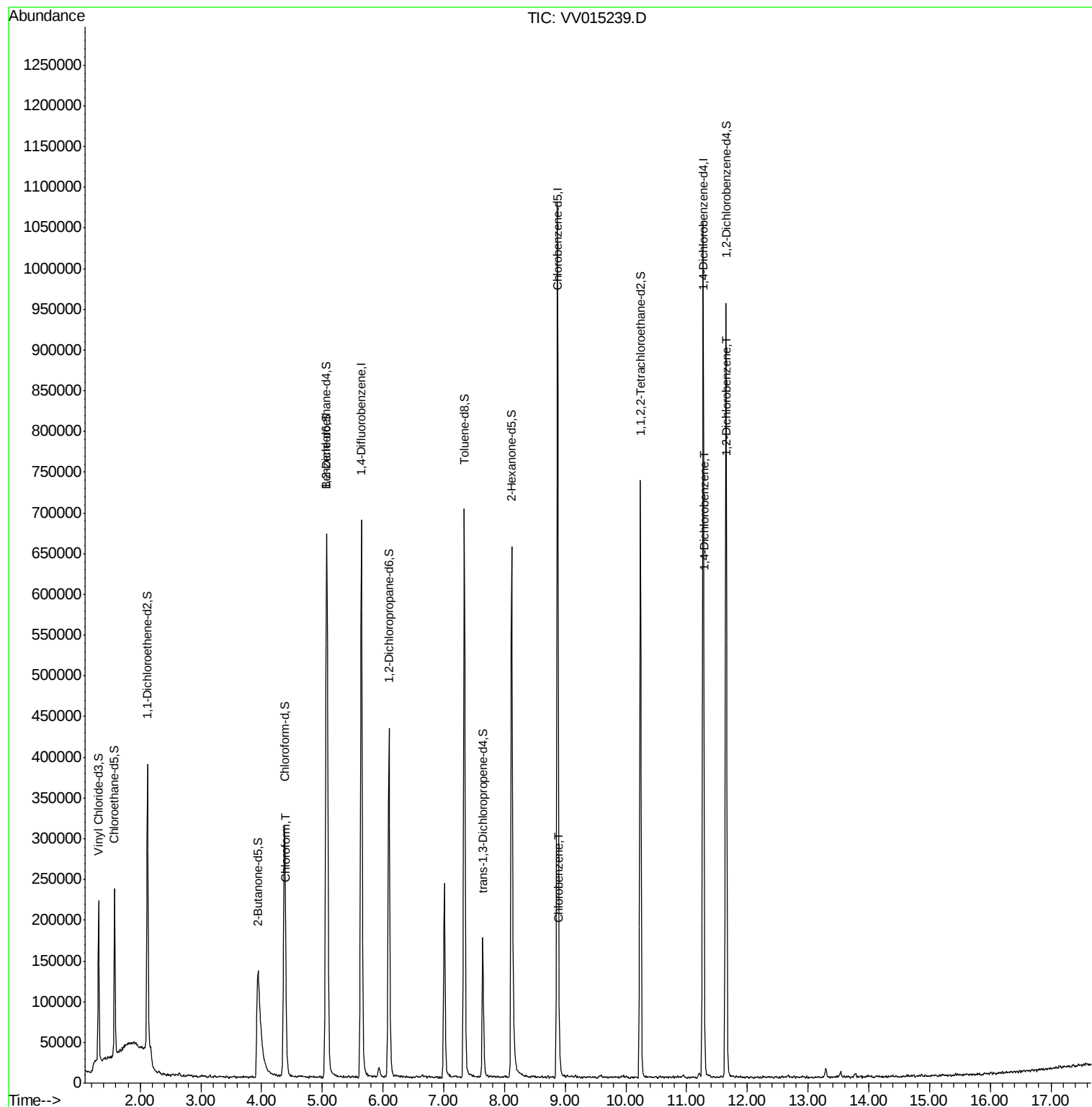
					Ovalue
25) Chloroform	4.41	83	13542	1.857 ug/L	97
51) Chlorobenzene	8.91	112	8193	0.741 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	7543	1.021 ug/L	91
65) 1,2-Dichlorobenzene	11.67	146	5737	0.761 ug/L #	86

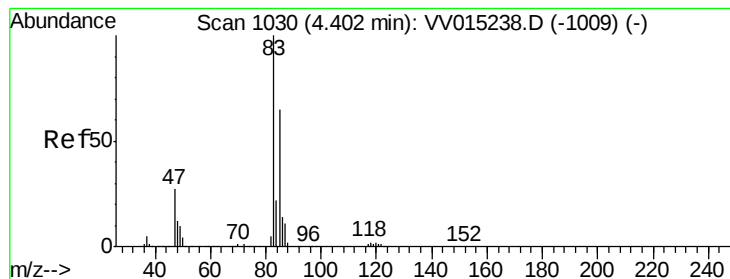
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.857 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

Instrument :

MSVOA_V

ClientSampleId :

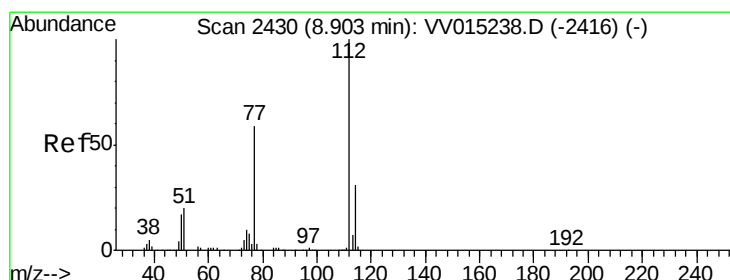
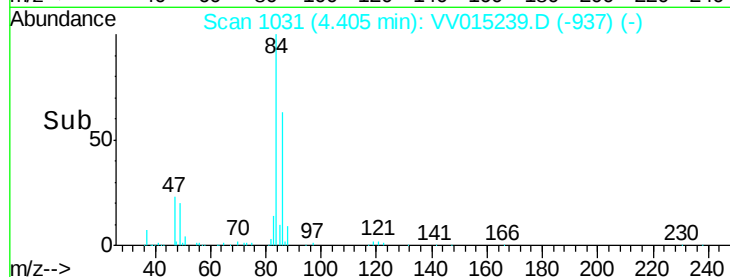
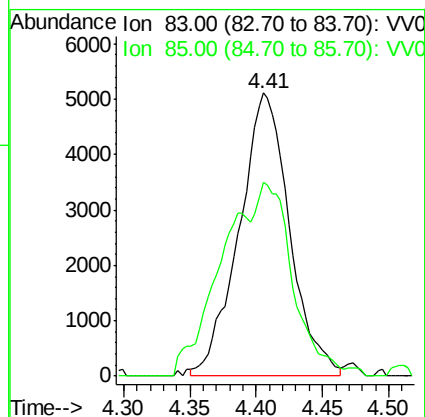
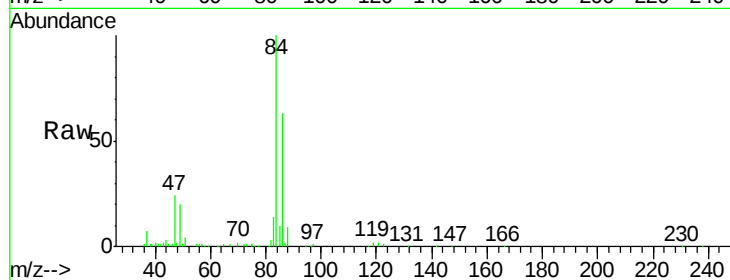
VBLK96

Tot Ion: 83 Resp: 13542

Ion Ratio Lower Upper

83 100

85 68.3 46.2 85.8



#51

Chlorobenzene

Concen: 0.741 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

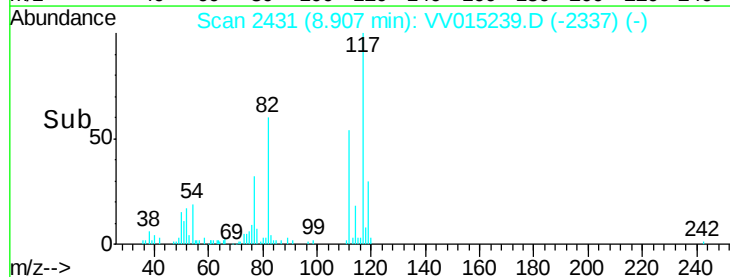
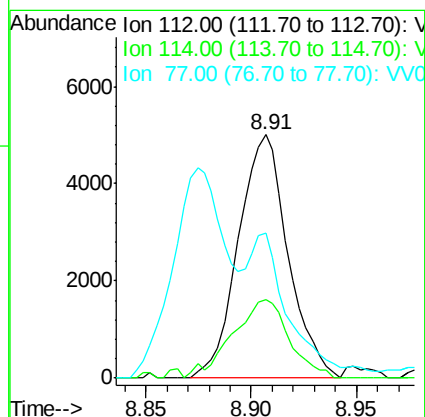
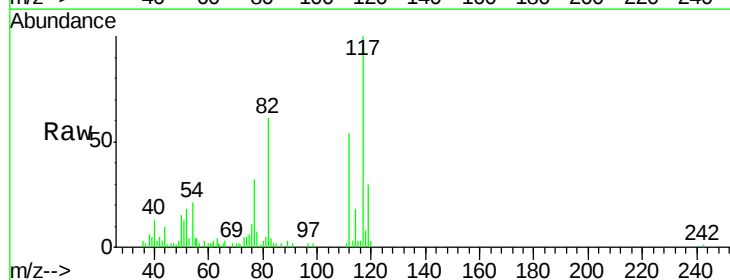
Tgt Ion: 112 Resp: 8193

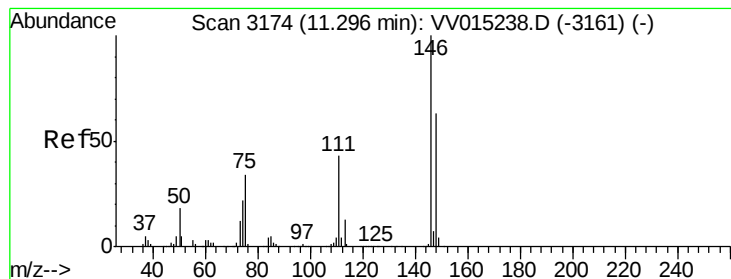
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 59.8 48.2 72.2





#63

1,4-Dichlorobenzene

Concen: 1.021 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

Instrument :

MSVOA_V

ClientSampleId :

VBLK96

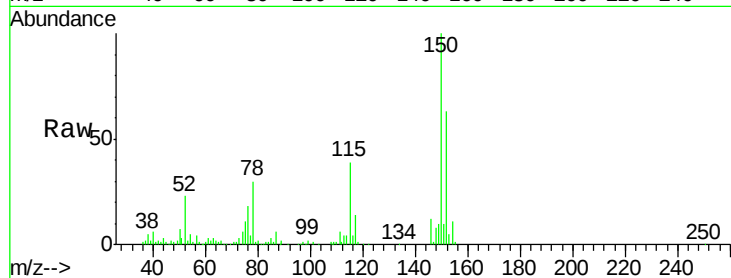
Tot Ion:146 Resp: 7543

Ion Ratio Lower Upper

146 100

111 48.9 29.4 54.6

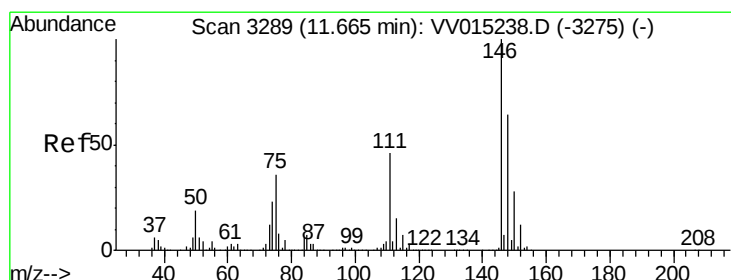
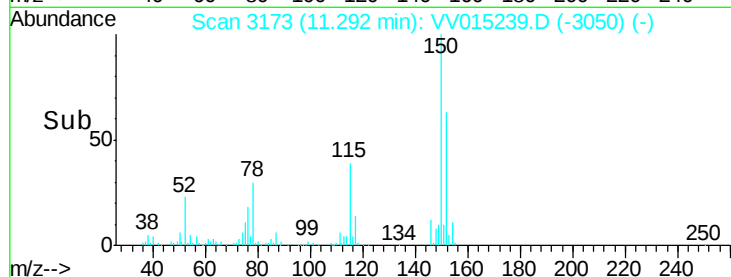
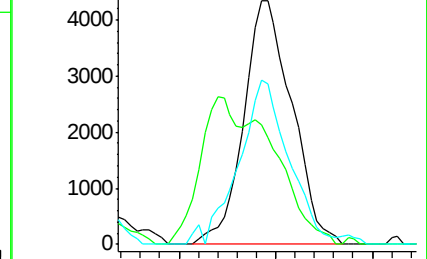
148 67.7 43.6 81.0



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: 0.761 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015239.D

Acq: 28 Mar 2020 11:29

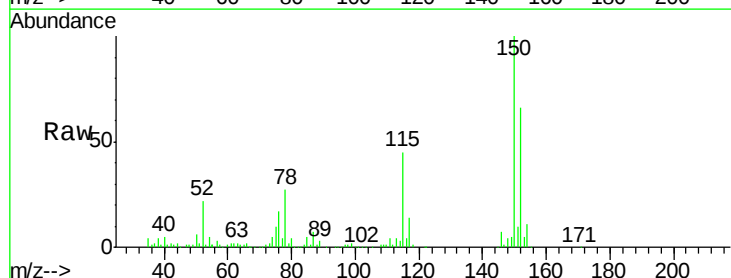
Tgt Ion:146 Resp: 5737

Ion Ratio Lower Upper

146 100

111 63.6 37.6 56.4#

148 58.6 50.6 76.0



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

