

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015123.D
 Acq On : 24 Mar 2020 15:00
 Operator : SY/MD
 Sample : L1968-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DD9

Quant Time: Mar 25 03:19:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	754262	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	720715	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	333314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	274779	39.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.88%
7) Chloroethane-d5	1.58	69	247033	41.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.78%
11) 1,1-Dichloroethene-d2	2.12	63	398643	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	3.93	46	384234	84.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.64%
24) Chloroform-d	4.38	84	441649	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.86%
26) 1,2-Dichloroethane-d4	5.06	65	289205	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
32) Benzene-d6	5.08	84	920166	42.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.30%
36) 1,2-Dichloropropane-d6	6.10	67	293416	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.14%
41) Toluene-d8	7.34	98	885741	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	7.64	79	156889	41.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.16%
47) 2-Hexanone-d5	8.11	63	309861	86.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	417150	41.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	325513	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%

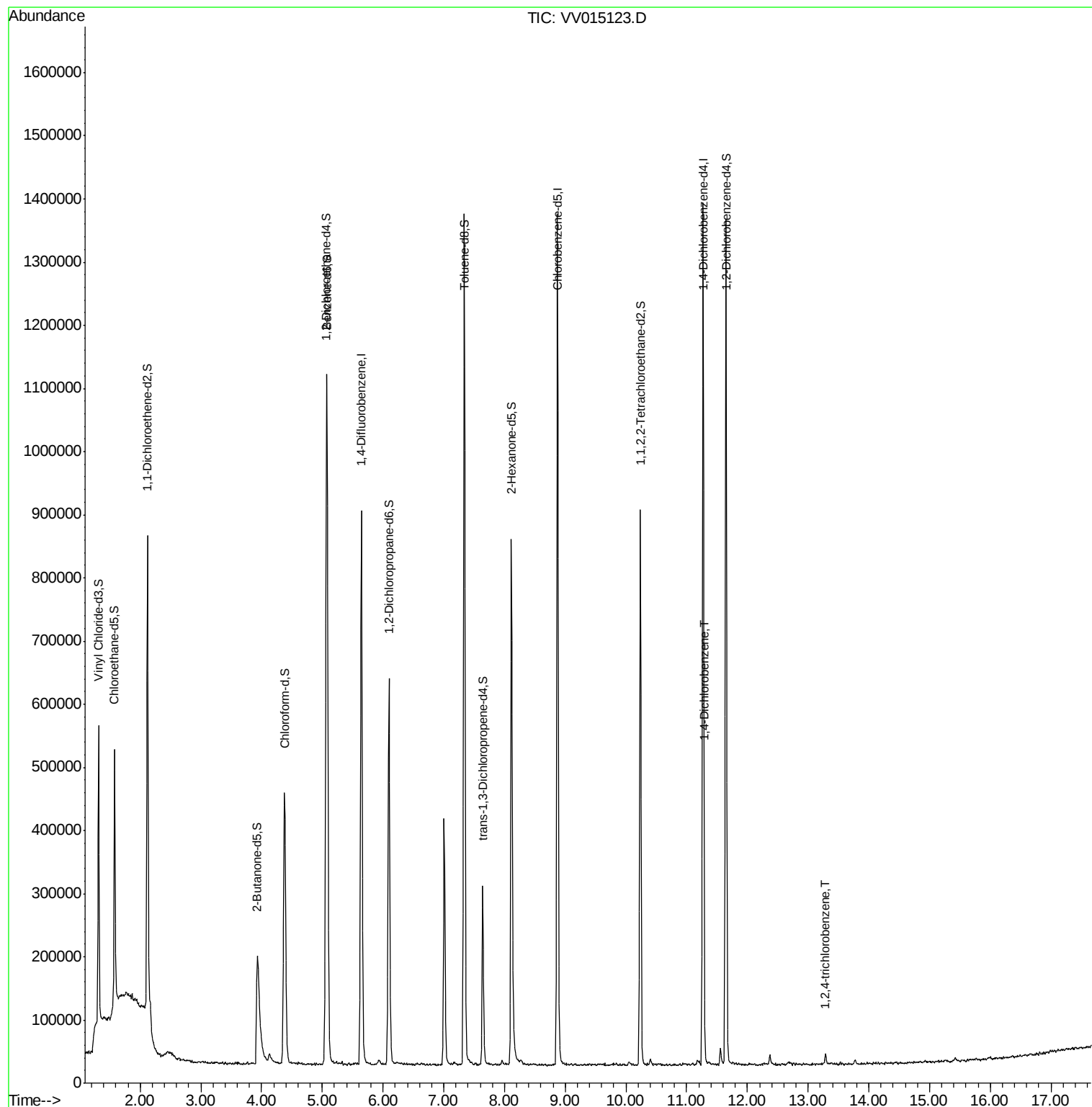
Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.30	146	7005	0.625 ug/L	93
68) 1,2,4-trichlorobenzene	13.29	180	4627	0.642 ug/L	99

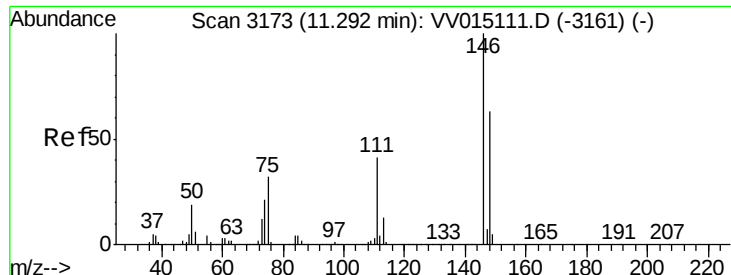
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 0.625 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

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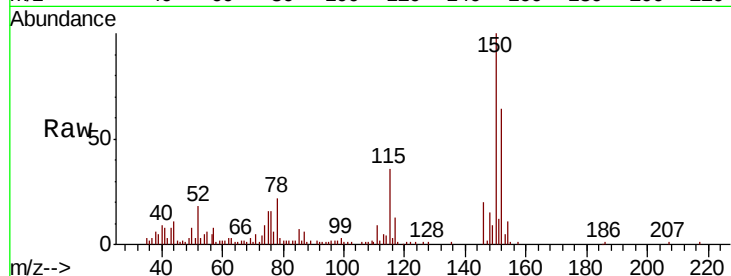
Tot Ion:146 Resp: 7005

Ion Ratio Lower Upper

146 100

111 42.4 28.2 52.4

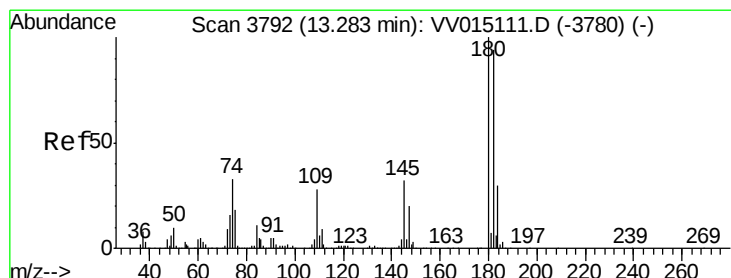
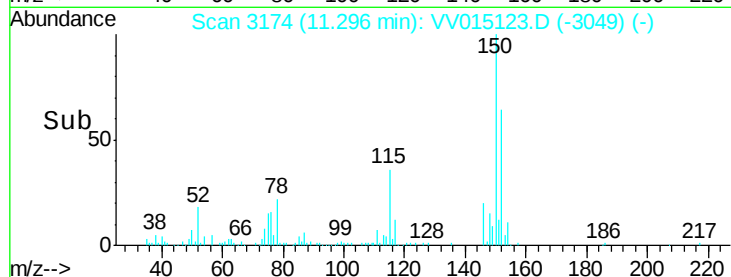
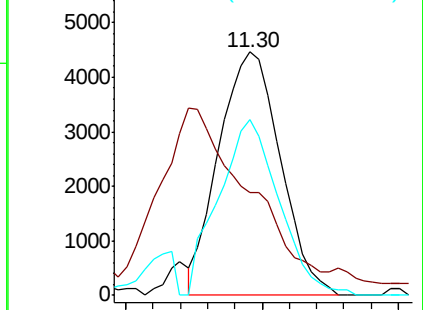
148 71.9 44.9 83.5



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



#68

1,2,4-trichlorobenzene

Concen: 0.642 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

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Acq: 24 Mar 2020 15:00

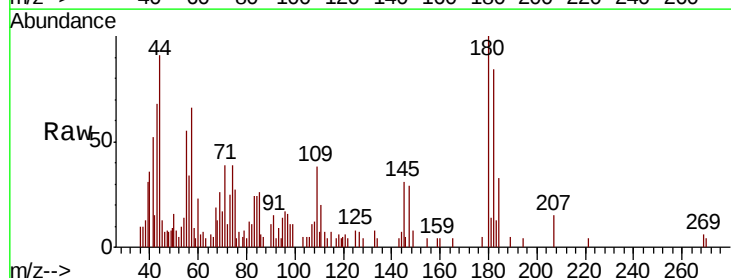
Tgt Ion:180 Resp: 4627

Ion Ratio Lower Upper

180 100

182 94.1 75.5 113.3

145 31.4 26.4 39.6



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

