

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016099.D
 Acq On : 18 May 2020 14:19
 Operator : SY/MD
 Sample : L2655-03DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0F21DL

Quant Time: May 19 05:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	329138	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323692	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	153167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109097	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.92%
7) Chloroethane-d5	1.58	69	98610	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.66%
11) 1,1-Dichloroethene-d2	2.13	63	160146	35.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.36%
21) 2-Butanone-d5	3.93	46	141631	98.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.93%
24) Chloroform-d	4.38	84	199449	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.06	65	152234	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
32) Benzene-d6	5.08	84	419982	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.10	67	133455	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.34	98	387689	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.64	79	63423	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.12	63	91261	99.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160718	45.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	147419	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%

Target Compounds

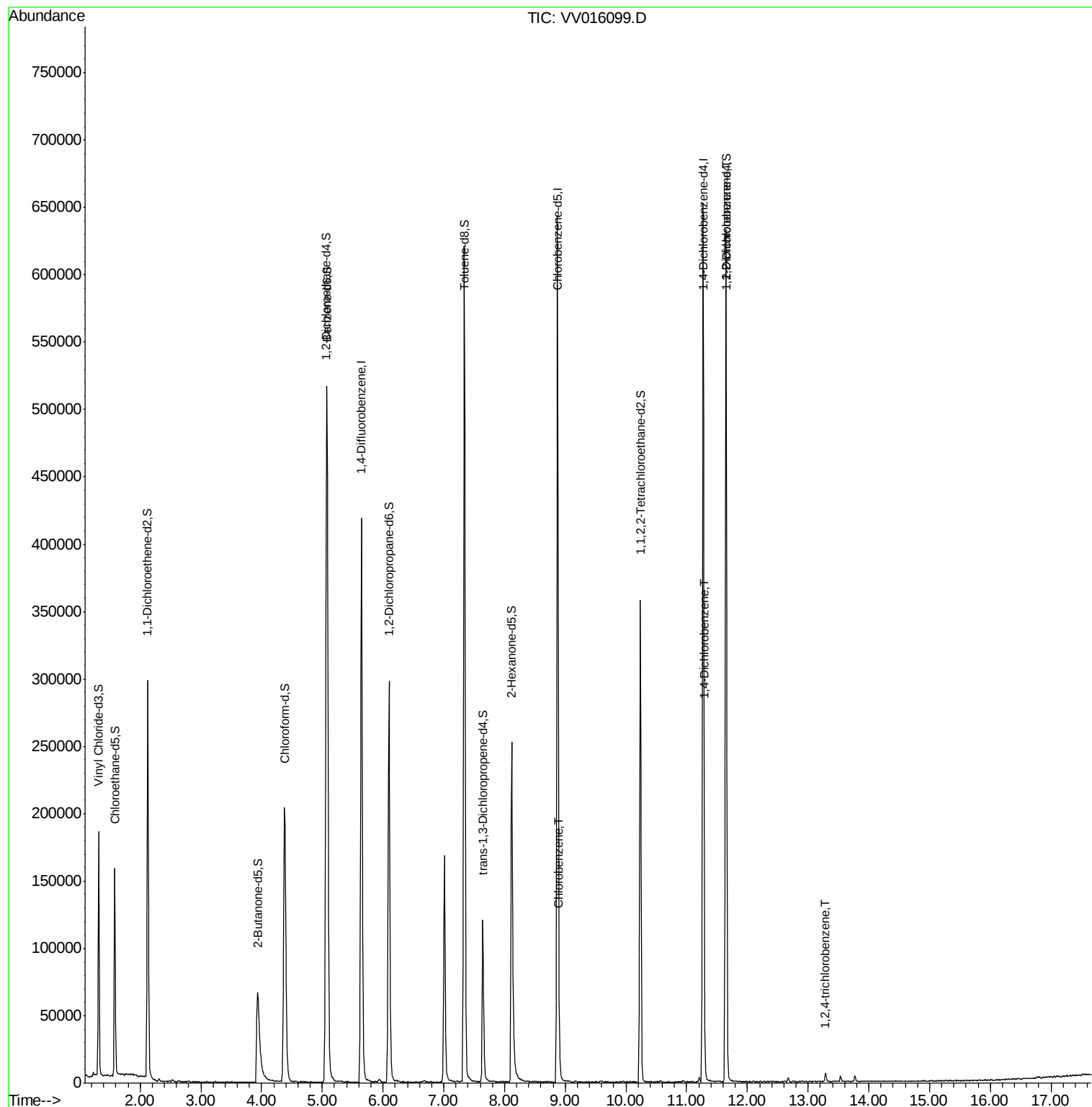
					Ovalue
51) Chlorobenzene	8.91	112	5861	0.907 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	4031	0.829 ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	4470	0.931 ug/L #	71
68) 1,2,4-trichlorobenzene	13.29	180	1774	0.601 ug/L	92

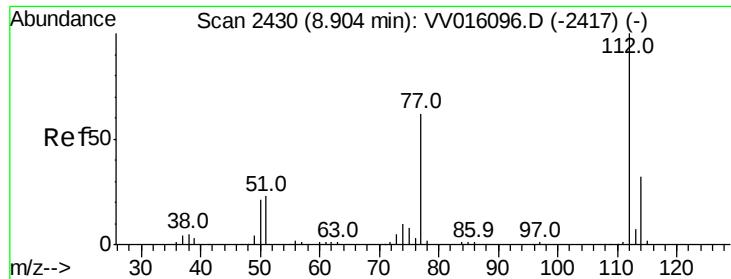
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#51

Chlorobenzene

Concen: 0.907 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV016099.D

Acq: 18 May 2020 14:19

Instrument :

MSVOA_V

ClientSampleId :

C0F21DL

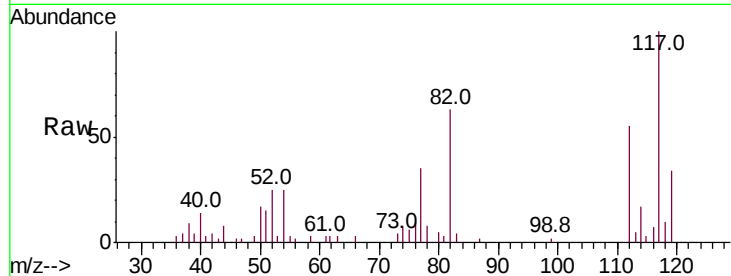
Tot Ion:112 Resp: 5861

Ion Ratio Lower Upper

112 100

114 31.6 22.5 41.9

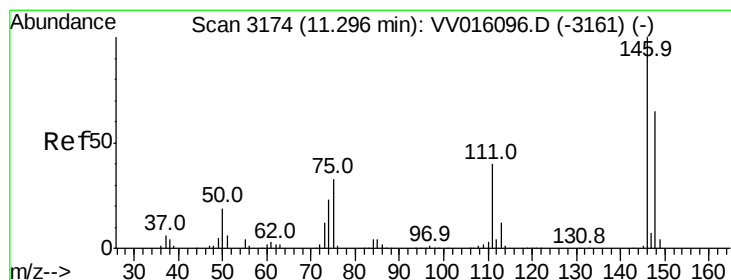
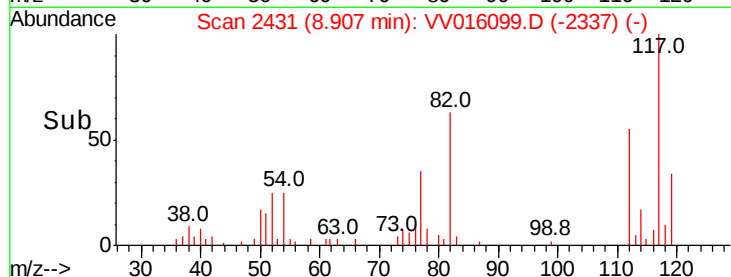
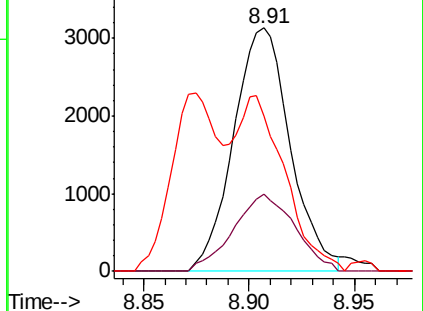
77 64.0 50.4 75.6



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: 0.829 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016099.D

Acq: 18 May 2020 14:19

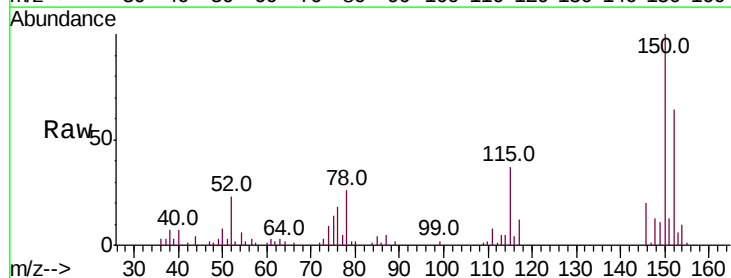
Tgt Ion:146 Resp: 4031

Ion Ratio Lower Upper

146 100

111 40.3 28.1 52.3

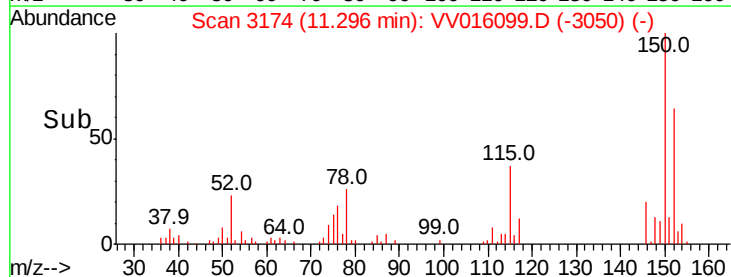
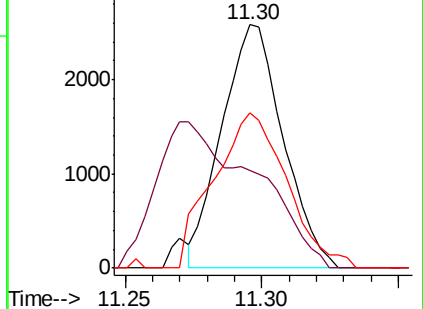
148 63.5 45.7 84.9

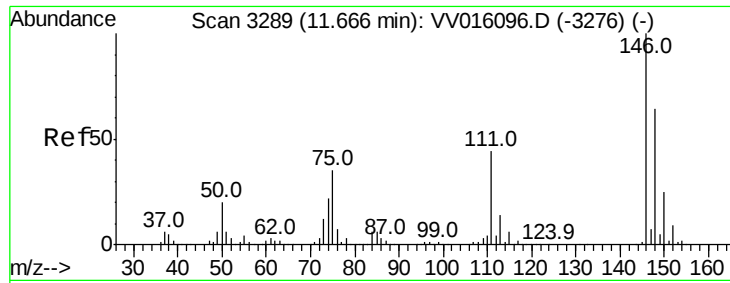


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.931 ug/L

RT: 11.66 min Scan# 3288

Delta R.T. -0.00 min

Lab File: VV016099.D

Acq: 18 May 2020 14:19

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ClientSampleId :

C0F21DL

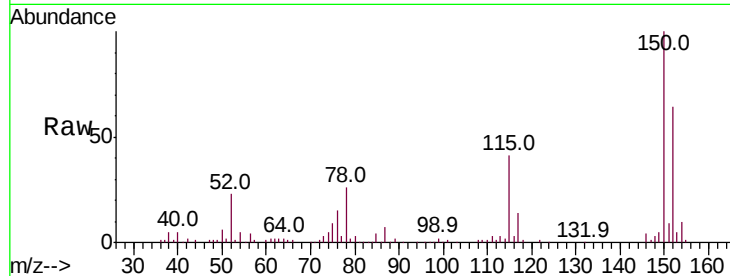
Tot Ion:146 Resp: 4470

Ion Ratio Lower Upper

146 100

111 72.4 35.2 52.8#

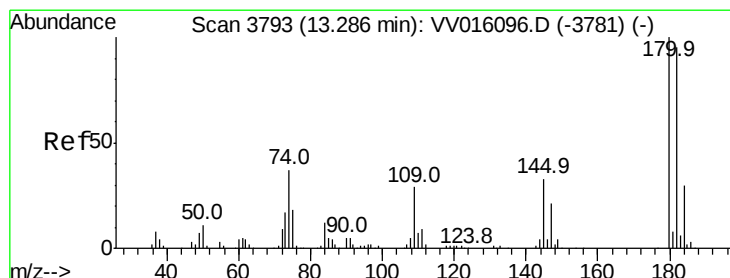
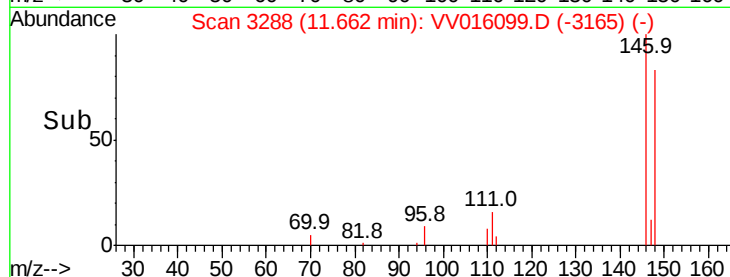
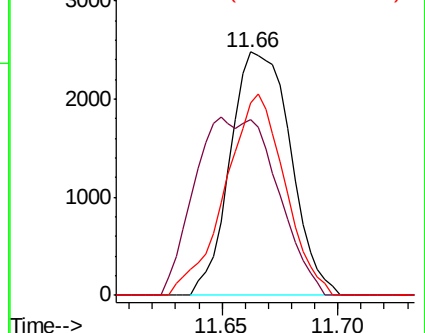
148 79.2 51.4 77.2#



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



#68

1,2,4-trichlorobenzene

Concen: 0.601 ug/L

RT: 13.29 min Scan# 3794

Delta R.T. 0.00 min

Lab File: VV016099.D

Acq: 18 May 2020 14:19

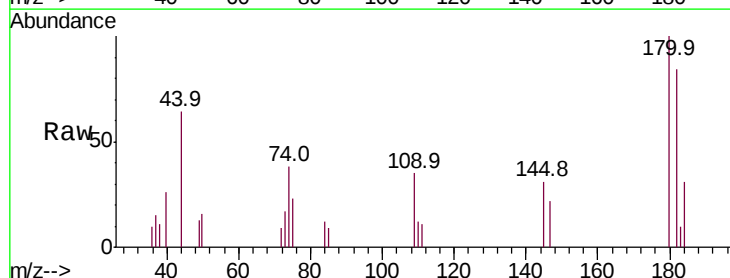
Tgt Ion:180 Resp: 1774

Ion Ratio Lower Upper

180 100

182 104.5 76.2 114.4

145 33.9 26.2 39.2



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

