

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015184.D
 Acq On : 26 Mar 2020 23:01
 Operator : SY/MD
 Sample : VIBLK73
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK73

Manual Integrations
 APPROVED

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Quant Time: Mar 27 05:55:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	625266	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	599695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	262001	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	154491	46.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.10%
7) Chloroethane-d5	1.58	69	160532	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.94%
11) 1,1-Dichloroethene-d2	2.12	63	234083	30.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.20%
21) 2-Butanone-d5	3.94	46	341463	102.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.23%
24) Chloroform-d	4.38	84	339352	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
26) 1,2-Dichloroethane-d4	5.06	65	241586	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
32) Benzene-d6	5.08	84	611531	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
36) 1,2-Dichloropropane-d6	6.09	67	220392	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.06%
41) Toluene-d8	7.34	98	536550	48.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	115388	47.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.22%
47) 2-Hexanone-d5	8.12	63	269197	103.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	366534	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	241366	49.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.68%

Target Compounds					Ovalue
25) Chloroform	4.40	83	14571m	1.747 ug/L	
63) 1,4-Dichlorobenzene	11.30	146	7075	0.797 ug/L	90

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

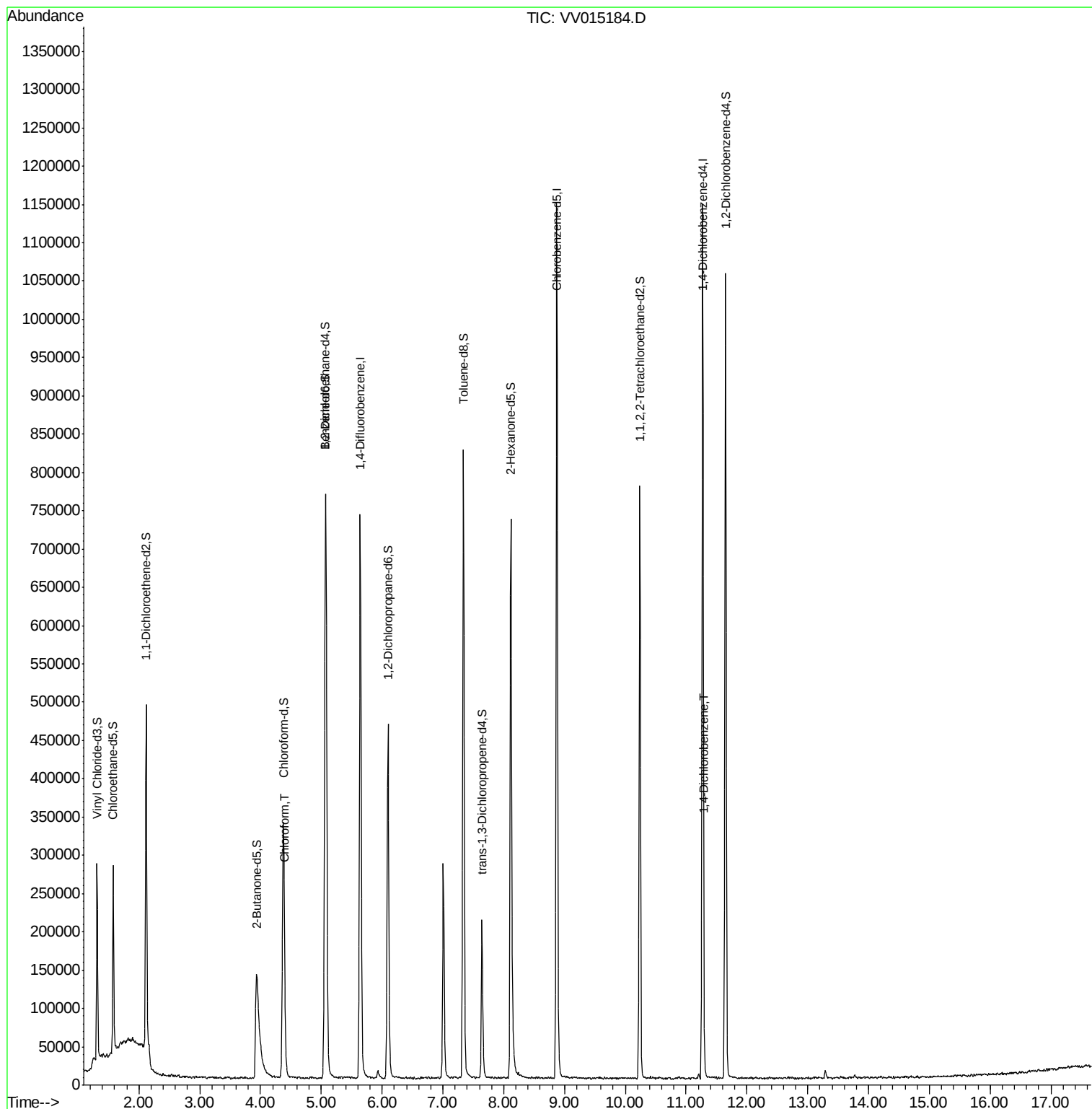
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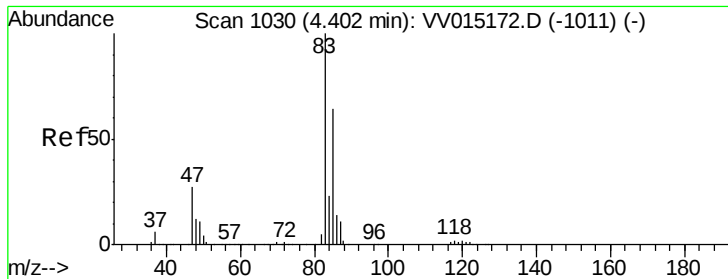
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#25

Chloroform

Concen: 1.747 ug/L m

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015184.D

Acq: 26 Mar 2020 23:01

Instrument :

MSVOA_V

ClientSampled :

VIBLK73

Tot Ion: 83 Resp: 14571

Ion Ratio Lower Upper

83 100

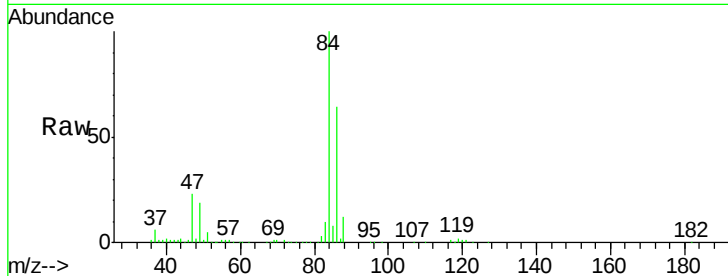
85 80.7 46.2 85.8

Manual Integrations

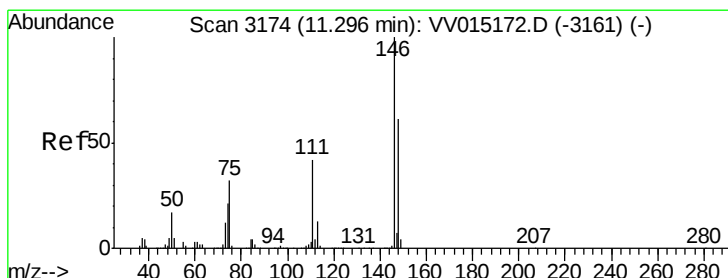
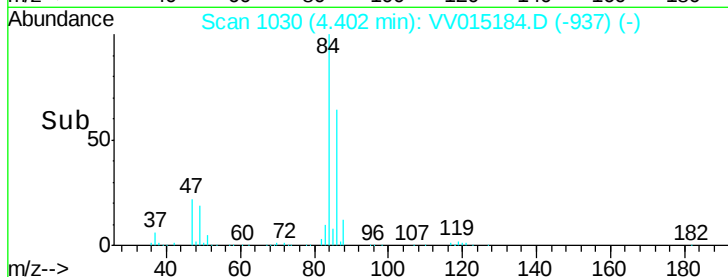
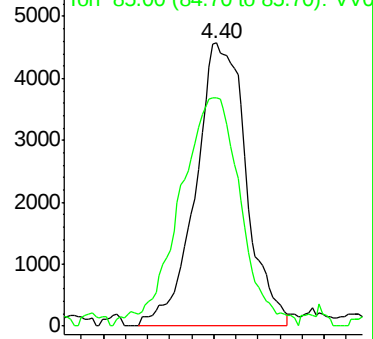
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Abundance Ion 83.00 (82.70 to 83.70): VV015172.D (-1011) (-)



#63

1,4-Dichlorobenzene

Concen: 0.797 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.00 min

Lab File: VV015184.D

Acq: 26 Mar 2020 23:01

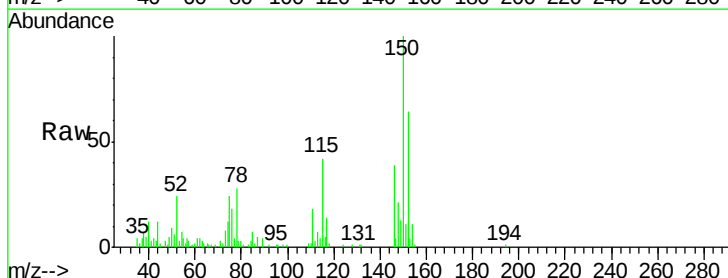
Tgt Ion: 146 Resp: 7075

Ion Ratio Lower Upper

146 100

111 46.3 29.2 54.2

148 55.1 44.8 83.2



Abundance Ion 146.00 (145.70 to 146.70): VV015172.D (-3161) (-)

Ion 111.00 (110.70 to 111.70): VV015172.D (-3161) (-)

Ion 148.00 (147.70 to 148.70): VV015172.D (-3161) (-)

