

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014994.D
 Acq On : 17 Mar 2020 23:58
 Operator : SY/MD
 Sample : L1940-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D97

Manual Integrations
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Quant Time: Mar 18 08:10:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 18 07:43:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	324079	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152507	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73754	34.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.32%
7) Chloroethane-d5	1.58	69	64070	39.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.90%
11) 1,1-Dichloroethene-d2	2.12	63	96892	29.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.50%#
21) 2-Butanone-d5	3.94	46	104995m	79.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.76%
24) Chloroform-d	4.38	84	196107	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.06	65	128565	45.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.22%
32) Benzene-d6	5.08	84	389324	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
36) 1,2-Dichloropropane-d6	6.10	67	116587	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.70%
41) Toluene-d8	7.34	98	376950	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.64	79	58586	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
47) 2-Hexanone-d5	8.12	63	109075	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176116	46.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	166782	49.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.84%

Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.30	146	8024	1.585 ug/L	88
65) 1,2-Dichlorobenzene	11.67	146	5754	1.146 ug/L #	94
68) 1,2,4-trichlorobenzene	13.28	180	8331	2.372 ug/L	94

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

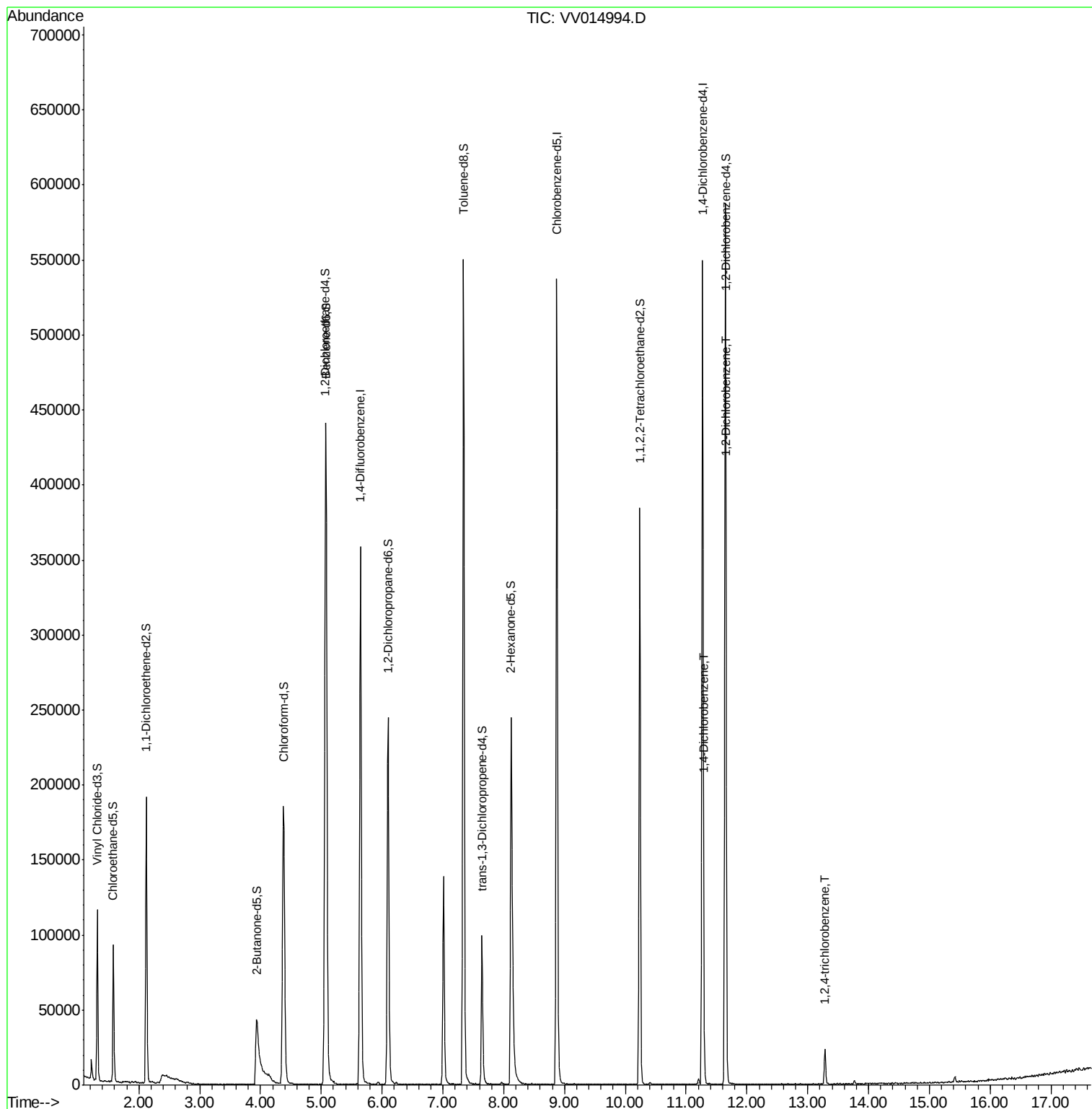
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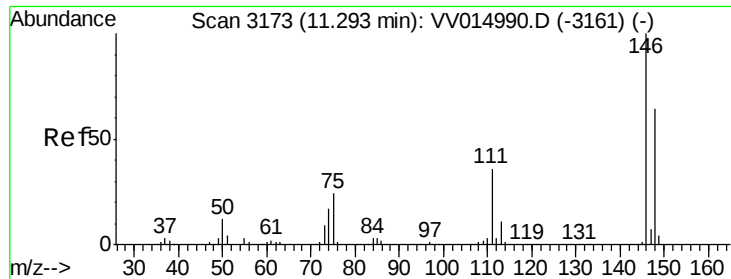
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QLast Update : Wed Mar 18 07:43:00 2020
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#63

1,4-Dichlorobenzene

Concen: 1.585 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV014994.D

Acq: 17 Mar 2020 23:58

Instrument :

MSVOA_V

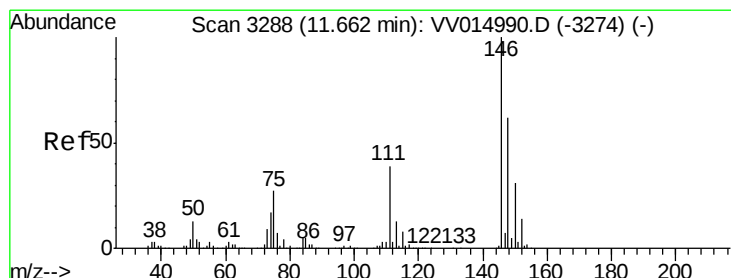
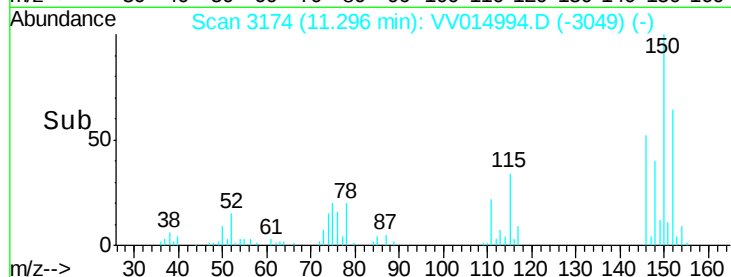
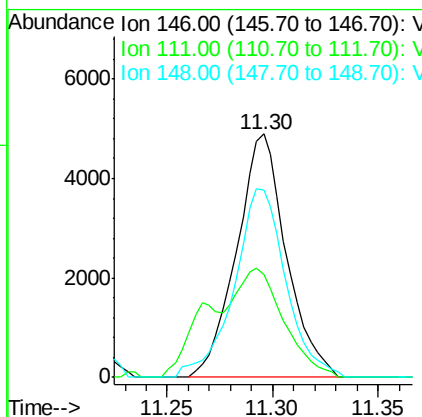
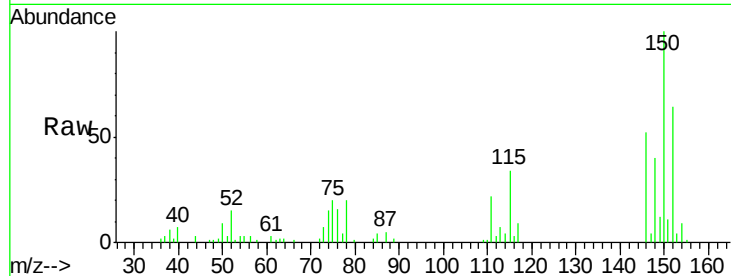
ClientSampleId :

C0D97

Tot Ion:	146	Resp:	8024
Ion Ratio	Lower	Upper	
146	100		
111	42.2	26.0	48.2
148	76.8	46.1	85.5

Manual Integrations
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#65

1,2-Dichlorobenzene

Concen: 1.146 ug/L

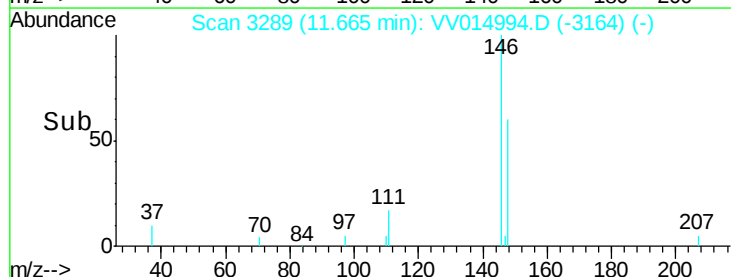
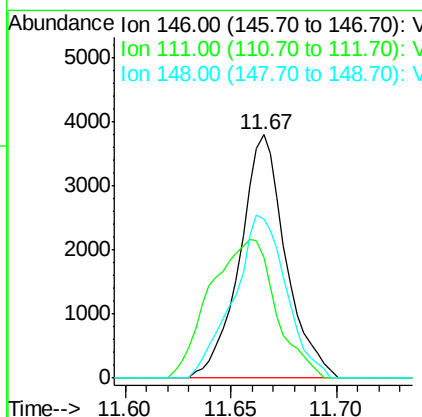
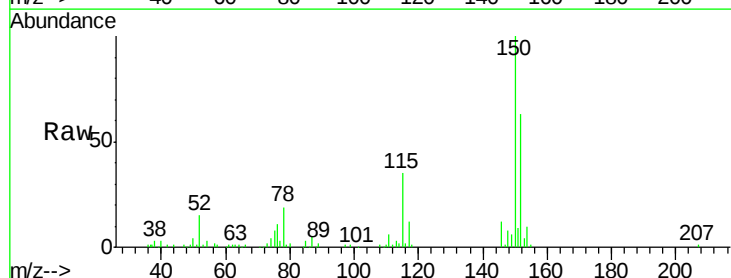
RT: 11.67 min Scan# 3289

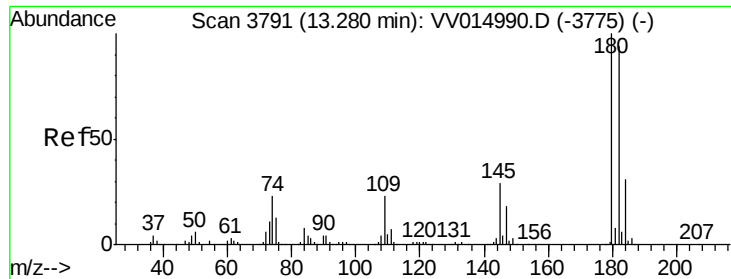
Delta R.T. 0.00 min

Lab File: VV014994.D

Acq: 17 Mar 2020 23:58

Tgt Ion:	146	Resp:	5754
Ion Ratio	Lower	Upper	
146	100		
111	49.6	31.6	47.4#
148	65.4	52.2	78.4





#68
 1,2,4-trichlorobenzene
 Concen: 2.372 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
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Tot Ion:	180	Resp:	8331
Ion Ratio	Lower	Upper	
180	100		
182	101.3	76.3	114.5
145	26.4	23.1	34.7

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