

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031720\
 Data File : VV014996.D
 Acq On : 18 Mar 2020 00:46
 Operator : SY/MD
 Sample : L1940-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DA0

Manual Integrations
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Quant Time: Mar 18 08:18:51 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	318338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	307212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150061	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71722	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.64%
7) Chloroethane-d5	1.58	69	61159	38.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.66%
11) 1,1-Dichloroethene-d2	2.12	63	98183	30.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.34%
21) 2-Butanone-d5	3.94	46	102574m	79.32	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.32%
24) Chloroform-d	4.38	84	193720	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	5.06	65	130331	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.08	84	391435	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.10	67	115062	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.32%
41) Toluene-d8	7.34	98	373806	44.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.32%
43) trans-1,3-Dichloropropene-	7.64	79	56572	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.12	63	104826	92.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.15%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175018	47.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	160769	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds					Ovalue
63) 1,4-Dichlorobenzene	11.29	146	5247	1.053 ug/L	93
65) 1,2-Dichlorobenzene	11.67	146	3718	0.753 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	4015	1.162 ug/L	96

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

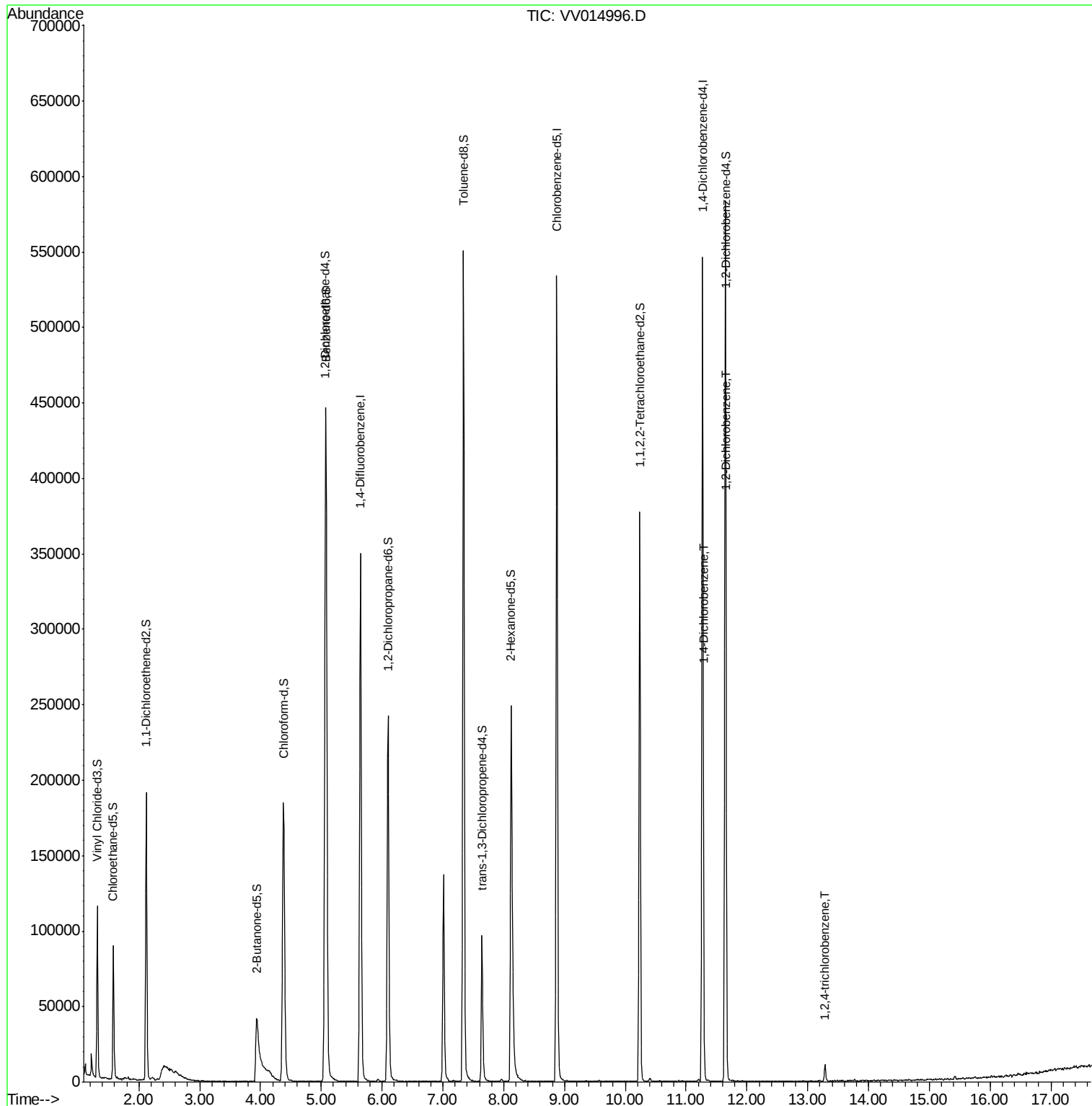
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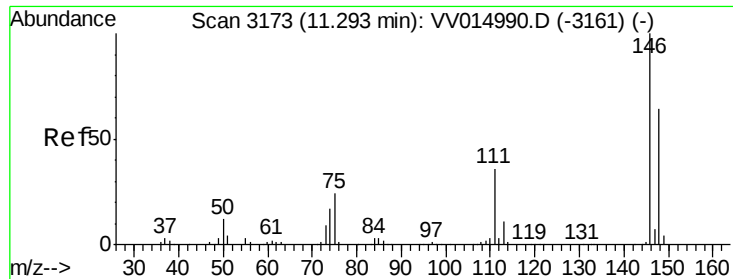
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#63

1,4-Dichlorobenzene

Concen: 1.053 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV014996.D

Acq: 18 Mar 2020 00:46

Instrument :

MSVOA_V

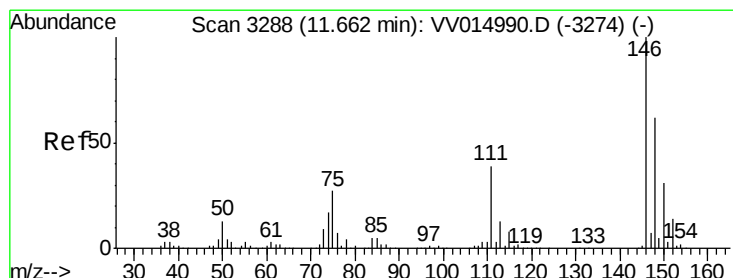
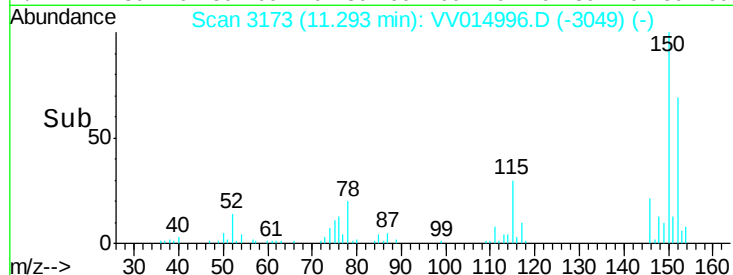
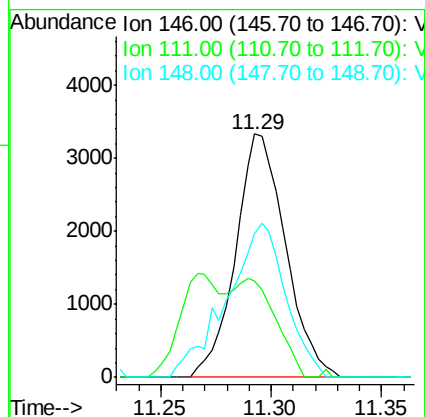
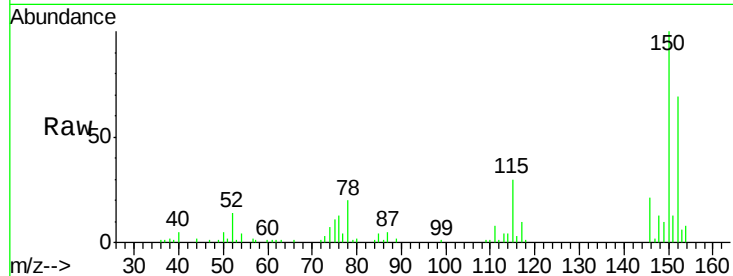
ClientSampleId :

C0DA0

Tot Ion:	146	Resp:	5247
Ion Ratio	Lower	Upper	
146	100		
111	39.7	26.0	48.2
148	59.2	46.1	85.5

Manual Integrations
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#65

1,2-Dichlorobenzene

Concen: 0.753 ug/L

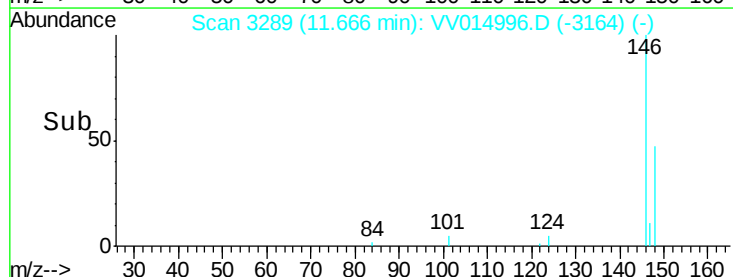
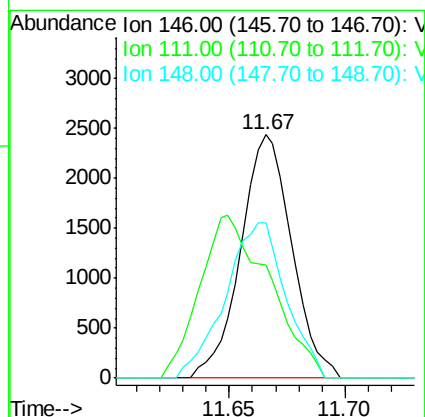
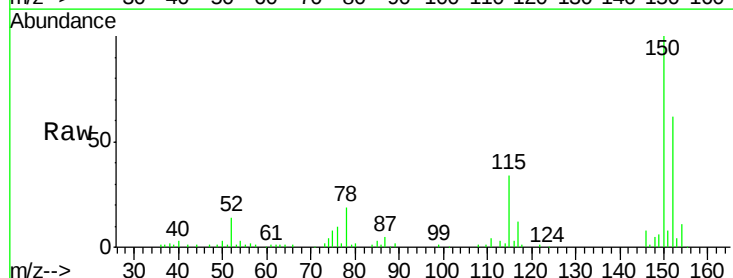
RT: 11.67 min Scan# 3289

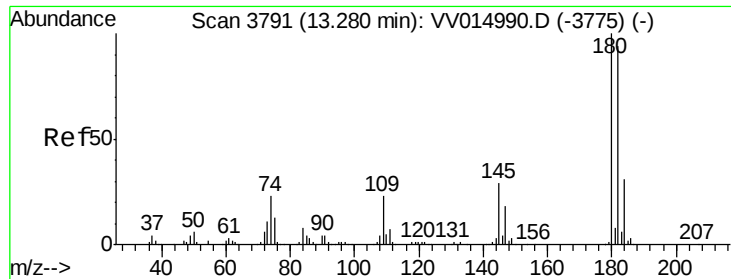
Delta R.T. 0.00 min

Lab File: VV014996.D

Acq: 18 Mar 2020 00:46

Tgt Ion:	146	Resp:	3718
Ion Ratio	Lower	Upper	
146	100		
111	46.5	31.6	47.4
148	63.7	52.2	78.4





#68
 1,2,4-trichlorobenzene
 Concen: 1.162 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.01 min
 Lab File: VV014996.D
 Acq: 18 Mar 2020 00:46

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Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.3	114.5
145	33.1	23.1	34.7

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