

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014787.D
 Acq On : 09 Mar 2020 19:25
 Operator : SY/MD
 Sample : L1835-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D81

Quant Time: Mar 10 14:50:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 10 14:44:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	415845	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	401131	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113054	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.34%
7) Chloroethane-d5	1.58	69	95437	42.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.12	63	145532	31.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.24%
21) 2-Butanone-d5	3.94	46	191277	91.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.13%
24) Chloroform-d	4.38	84	245853	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.06	65	169135	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
32) Benzene-d6	5.08	84	503622	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
36) 1,2-Dichloropropane-d6	6.10	67	159348	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.78%
41) Toluene-d8	7.34	98	473569	45.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.30%
43) trans-1,3-Dichloropropene-	7.64	79	73656	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.94%
47) 2-Hexanone-d5	8.12	63	150105	96.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	220347	45.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	190350	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

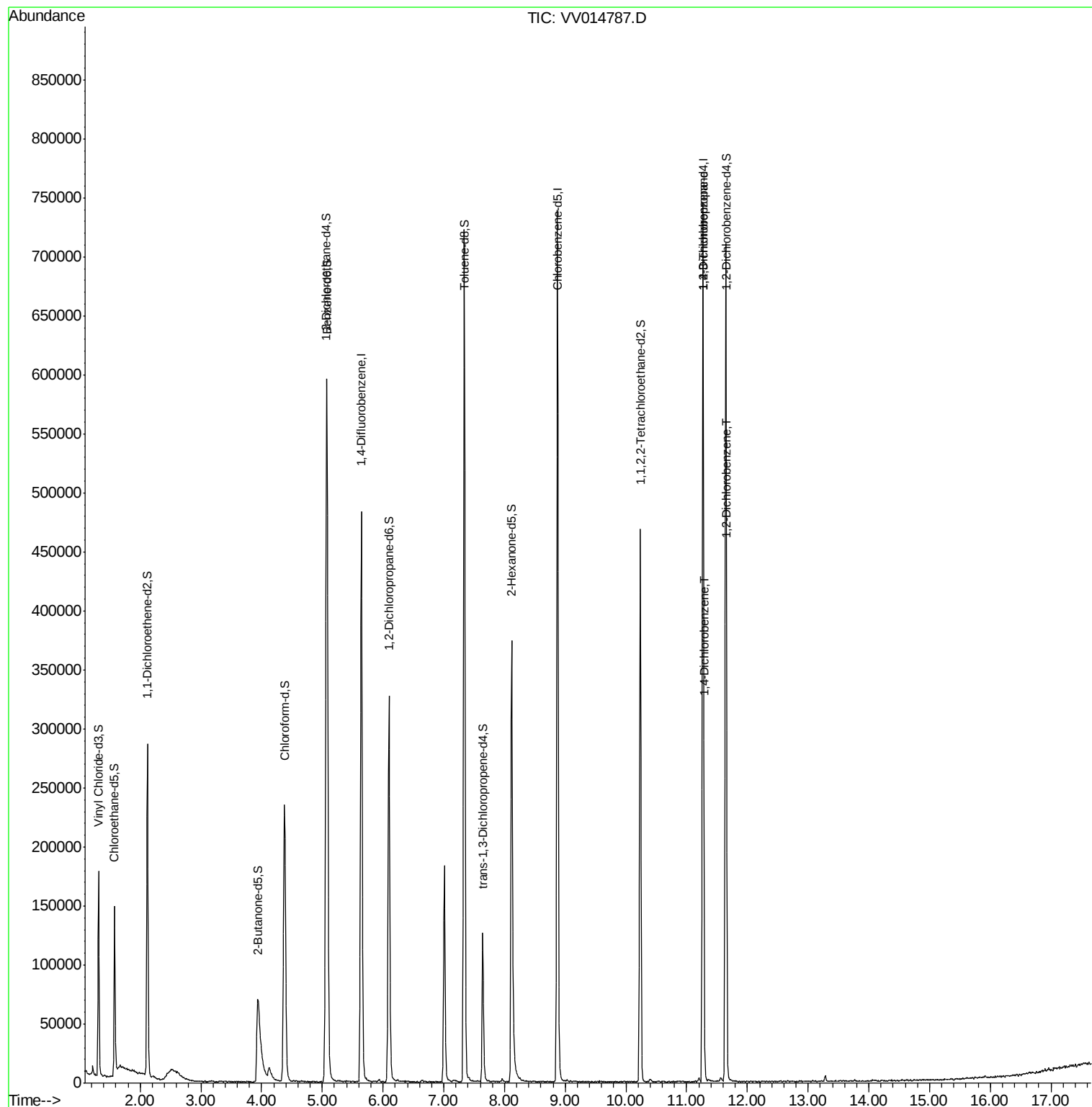
Target Compounds						Qvalue
59) 1,2,3-Trichloropropane	11.27	75	22057	5.50	ug/L	92
63) 1,4-Dichlorobenzene	11.29	146	5210	0.82	ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	4428	0.70	ug/L #	87

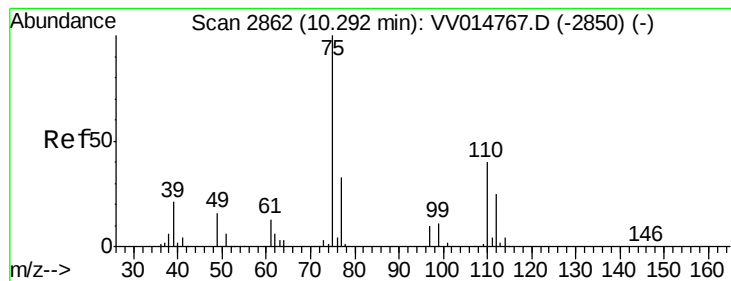
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#59

1,2,3-Trichloropropane

Concen: 5.50 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

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Instrument :

MSVOA_V

ClientSampleId :

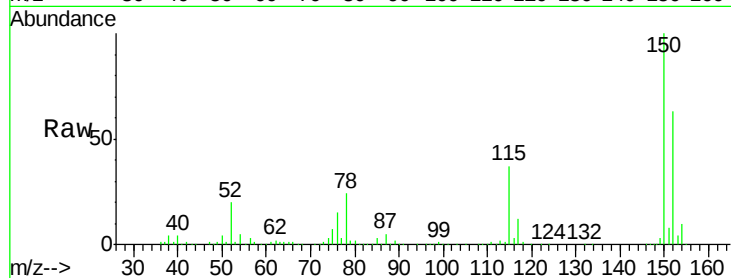
C0D81

Tgt Ion: 75 Resp: 22057

Ion Ratio Lower Upper

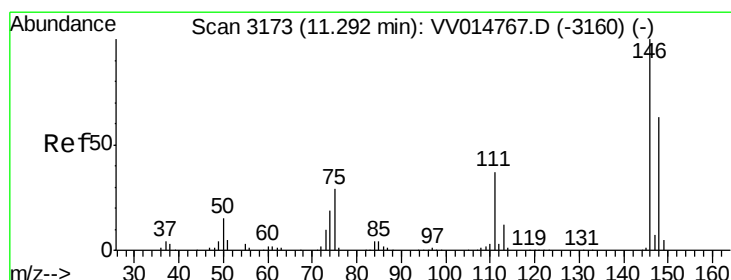
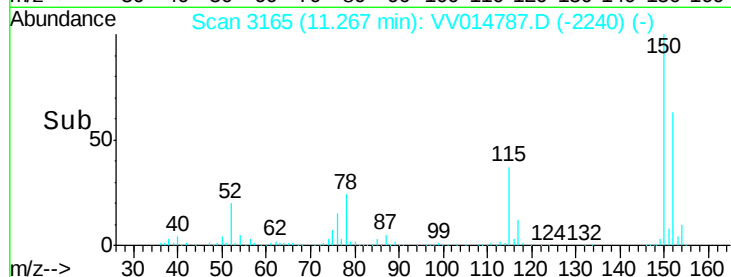
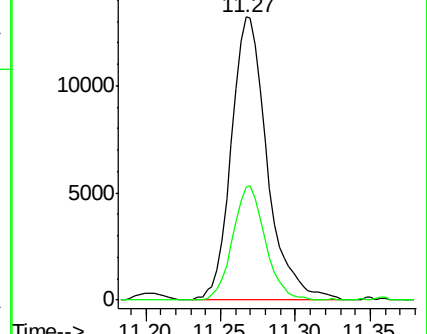
75 100

77 36.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#63

1,4-Dichlorobenzene

Concen: 0.82 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

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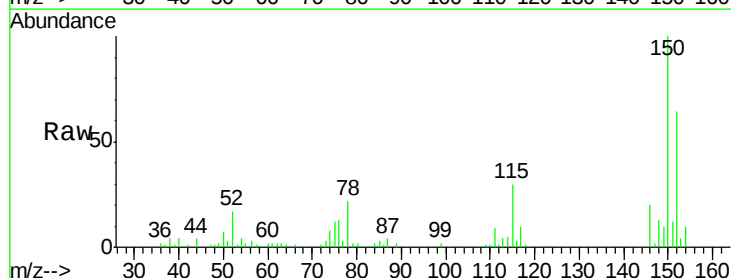
Tgt Ion: 146 Resp: 5210

Ion Ratio Lower Upper

146 100

111 45.7 26.3 48.9

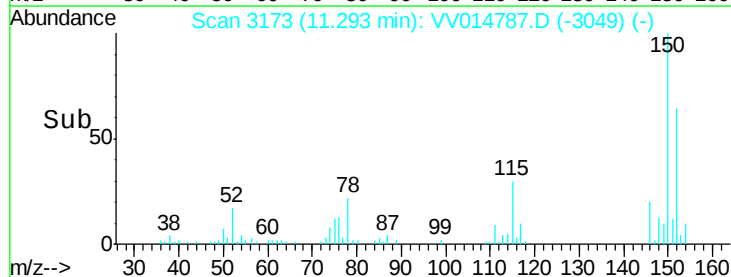
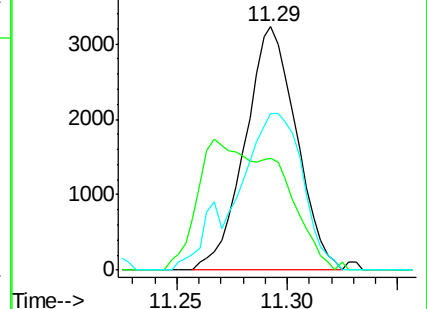
148 64.3 44.0 81.8

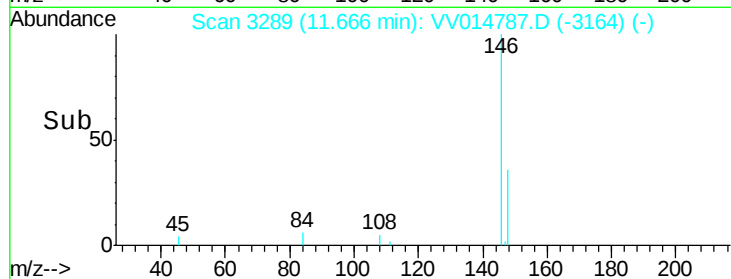
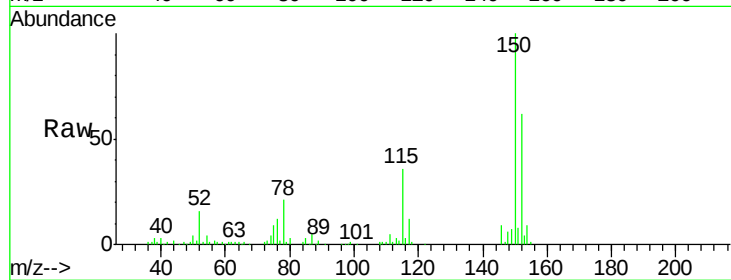
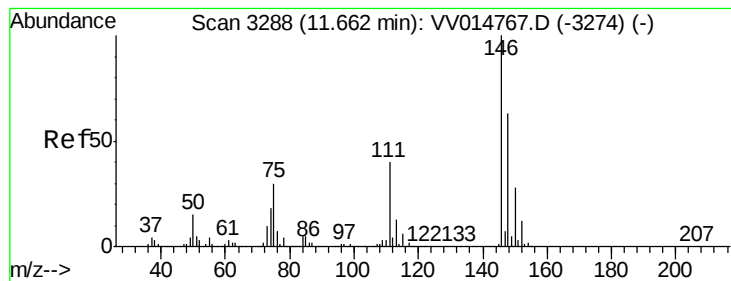


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.70 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

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Tgt Ion:146 Resp: 4428

Ion Ratio Lower Upper

146 100

111 60.4 33.9 50.9#

148 62.1 51.4 77.0

