

Data File : VV014978.D
Acq On : 17 Mar 2020 17:00
Operator : SY/MD
Sample : L1940-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0D93

Quant Time: Mar 18 05:25:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031620WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 18 05:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323827	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312084	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147133	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86000	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.58	69	67331	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.04%
11) 1,1-Dichloroethene-d2	2.12	63	110253	33.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.62%
21) 2-Butanone-d5	3.93	46	111558	84.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.81%
24) Chloroform-d	4.38	84	198345	44.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.26%
26) 1,2-Dichloroethane-d4	5.06	65	131087	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
32) Benzene-d6	5.08	84	407052	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
36) 1,2-Dichloropropane-d6	6.10	67	119836	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.62%
41) Toluene-d8	7.34	98	387155	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	7.64	79	55096	40.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.96%
47) 2-Hexanone-d5	8.12	63	111190	96.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176176	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	162286	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%

Target Compounds

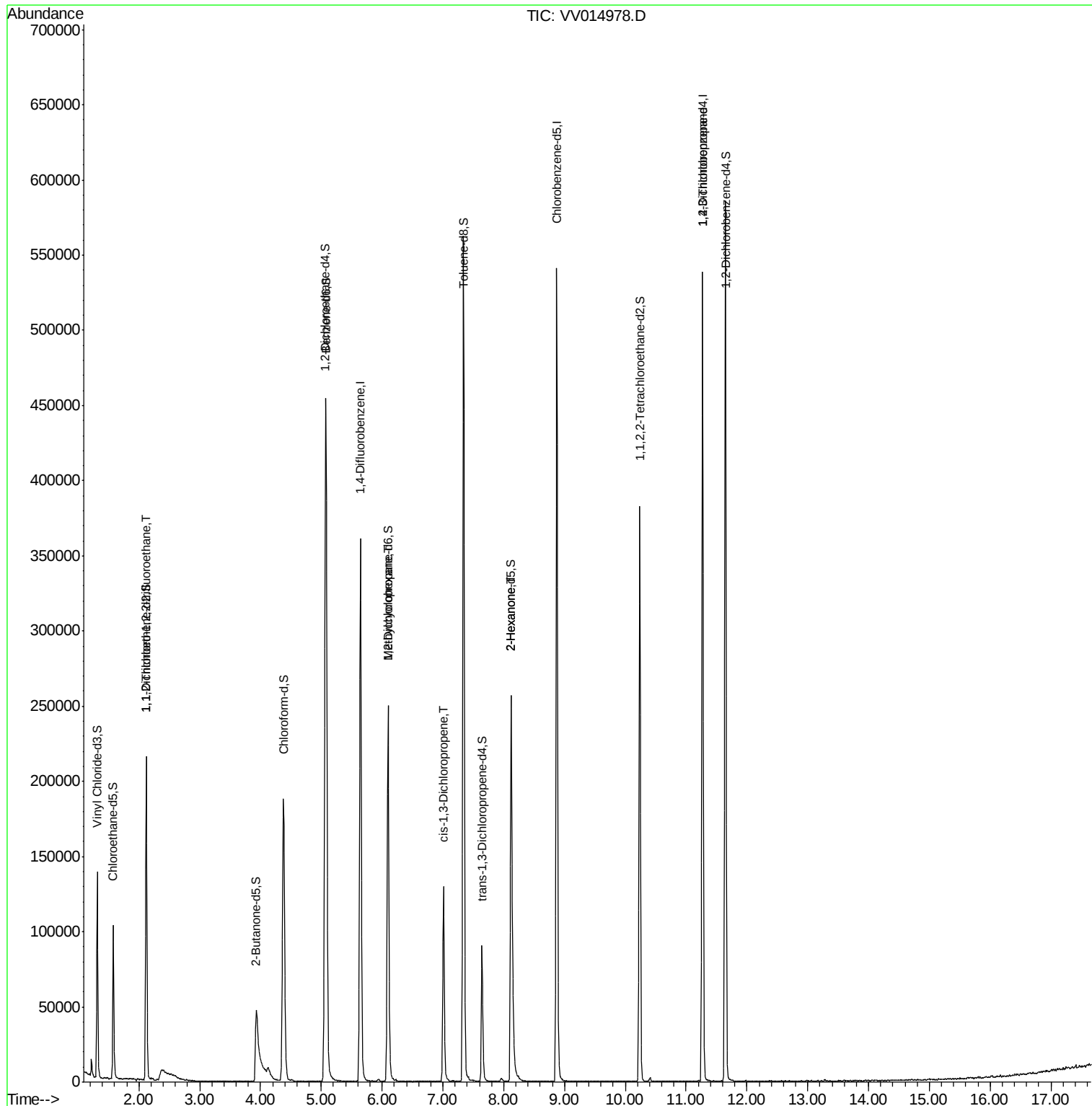
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1335	0.800 ug/L #	15
35) Methylcyclohexane	6.10	83	31832	8.659 ug/L #	20
39) cis-1,3-Dichloropropene	7.01	75	3141	0.898 ug/L #	64
48) 2-Hexanone	8.13	43	13396	5.892 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	14897	5.105 ug/L	90

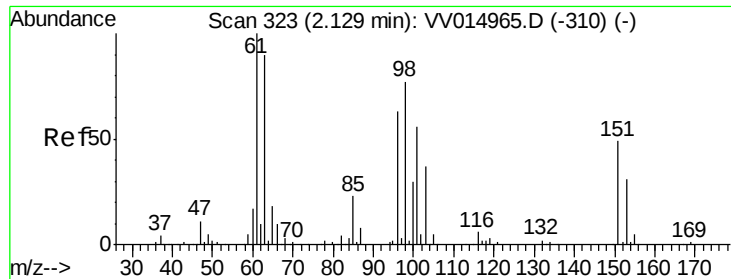
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.800 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Instrument :

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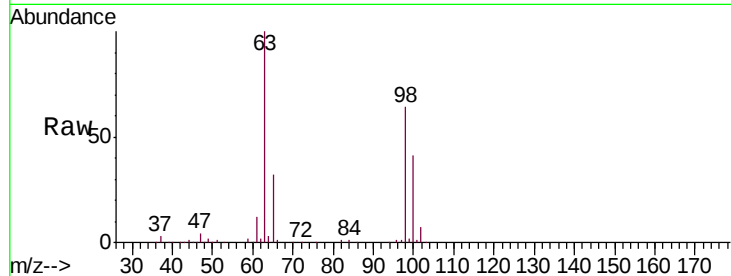
Tgt Ion:101 Resp: 1335

Ion Ratio Lower Upper

101 100

85 0.0 33.9 50.9#

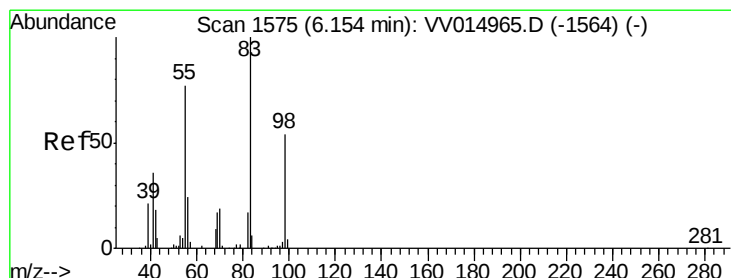
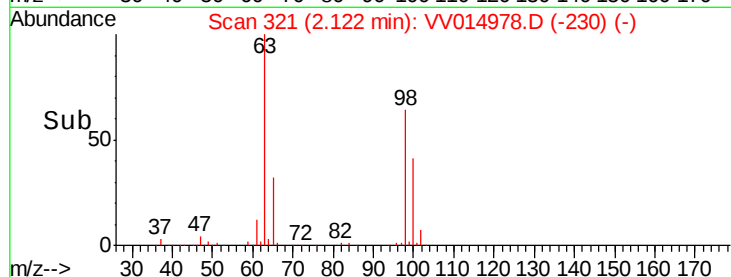
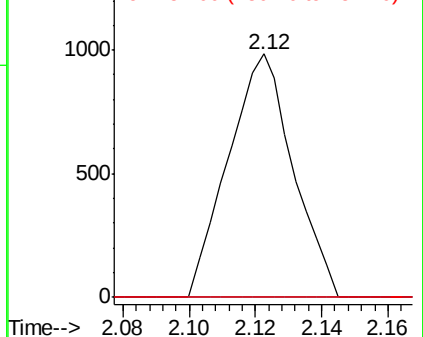
151 0.0 70.1 105.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 8.659 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

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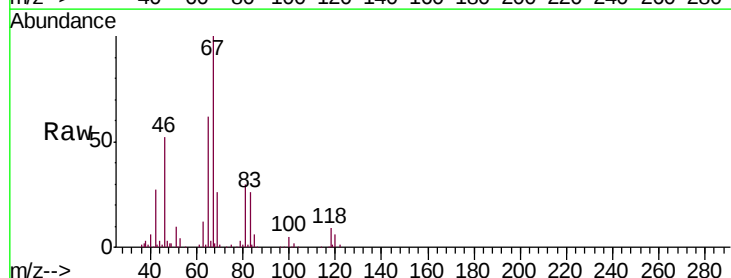
Tgt Ion: 83 Resp: 31832

Ion Ratio Lower Upper

83 100

55 0.3 57.5 86.3#

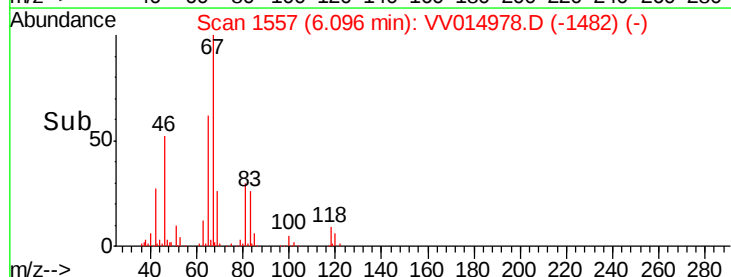
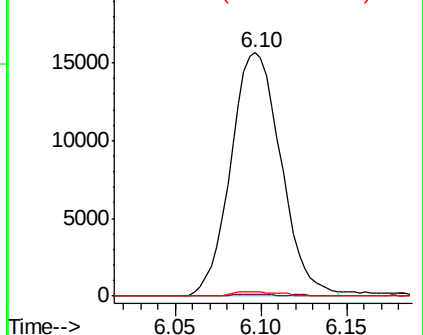
98 1.4 39.5 59.3#

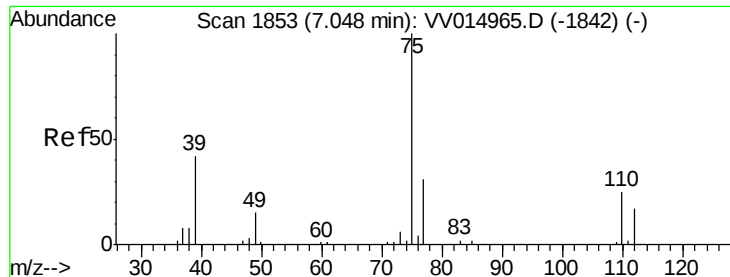


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

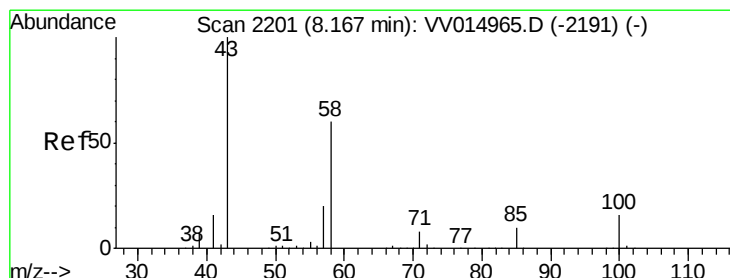
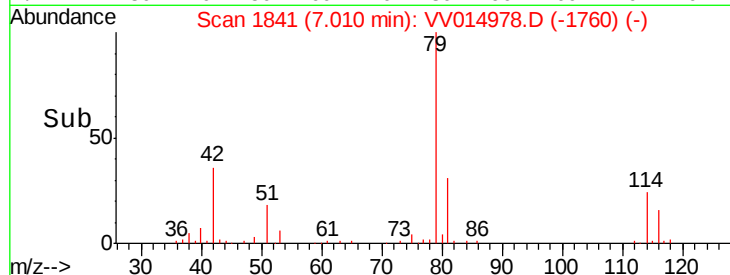
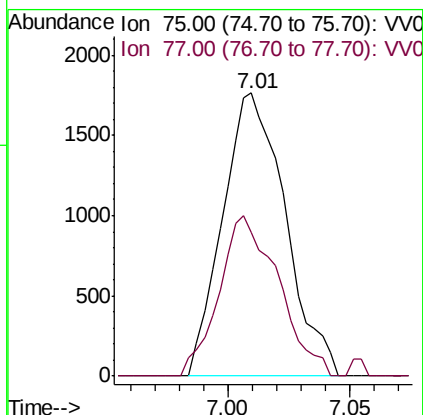
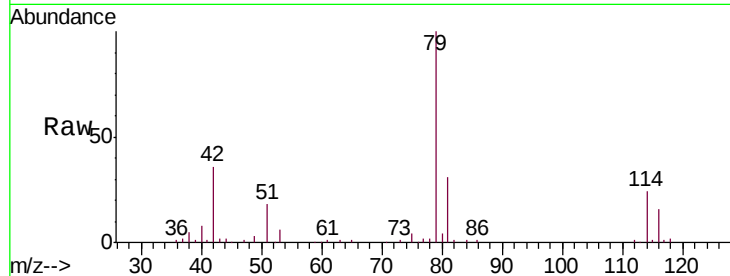




#39
 cis-1,3-Dichloropropene
 Concen: 0.898 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
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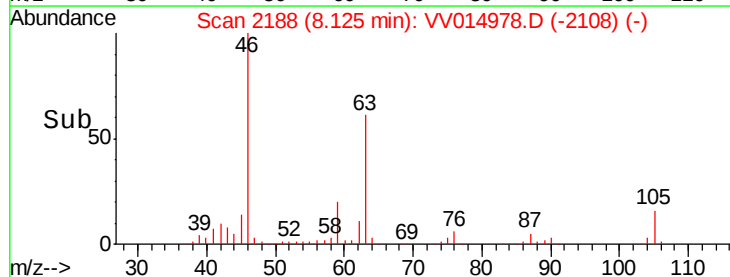
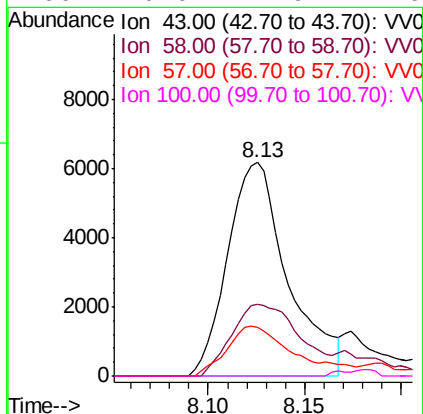
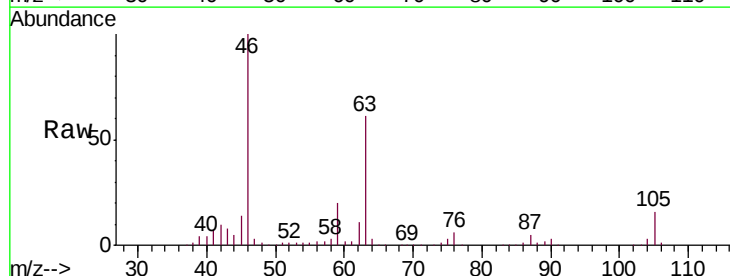
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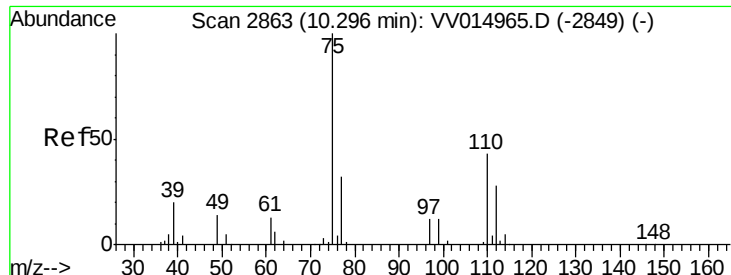
Tgt Ion: 75 Resp: 3141
 Ion Ratio Lower Upper
 75 100
 77 51.0 21.8 40.6#



#48
 2-Hexanone
 Concen: 5.892 ug/L
 RT: 8.13 min Scan# 2188
 Delta R.T. -0.04 min
 Lab File: VV014978.D
 Acq: 17 Mar 2020 17:00

Tgt Ion: 43 Resp: 13396
 Ion Ratio Lower Upper
 43 100
 58 38.1 46.9 70.3#
 57 23.4 16.2 24.4
 100 0.0 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 5.105 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014978.D

Acq: 17 Mar 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

C0D93

Tgt Ion: 75 Resp: 14897

Ion Ratio Lower Upper

75 100

77 39.1 26.6 40.0

