

Data File : VV014984.D
Acq On : 17 Mar 2020 19:25
Operator : SY/MD
Sample : L1941-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DA3

Quant Time: Mar 18 05:26:48 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	337614	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329240	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157814	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85347	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.58	69	67743	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.10%
11) 1,1-Dichloroethene-d2	2.12	63	109386	31.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.40%
21) 2-Butanone-d5	3.94	46	106426	77.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.60%
24) Chloroform-d	4.38	84	205959	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.06	65	136214	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
32) Benzene-d6	5.08	84	413445	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
36) 1,2-Dichloropropane-d6	6.10	67	122382	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.62%
41) Toluene-d8	7.34	98	392418	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	7.64	79	56407	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
47) 2-Hexanone-d5	8.12	63	113073	92.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179624	45.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	169098	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

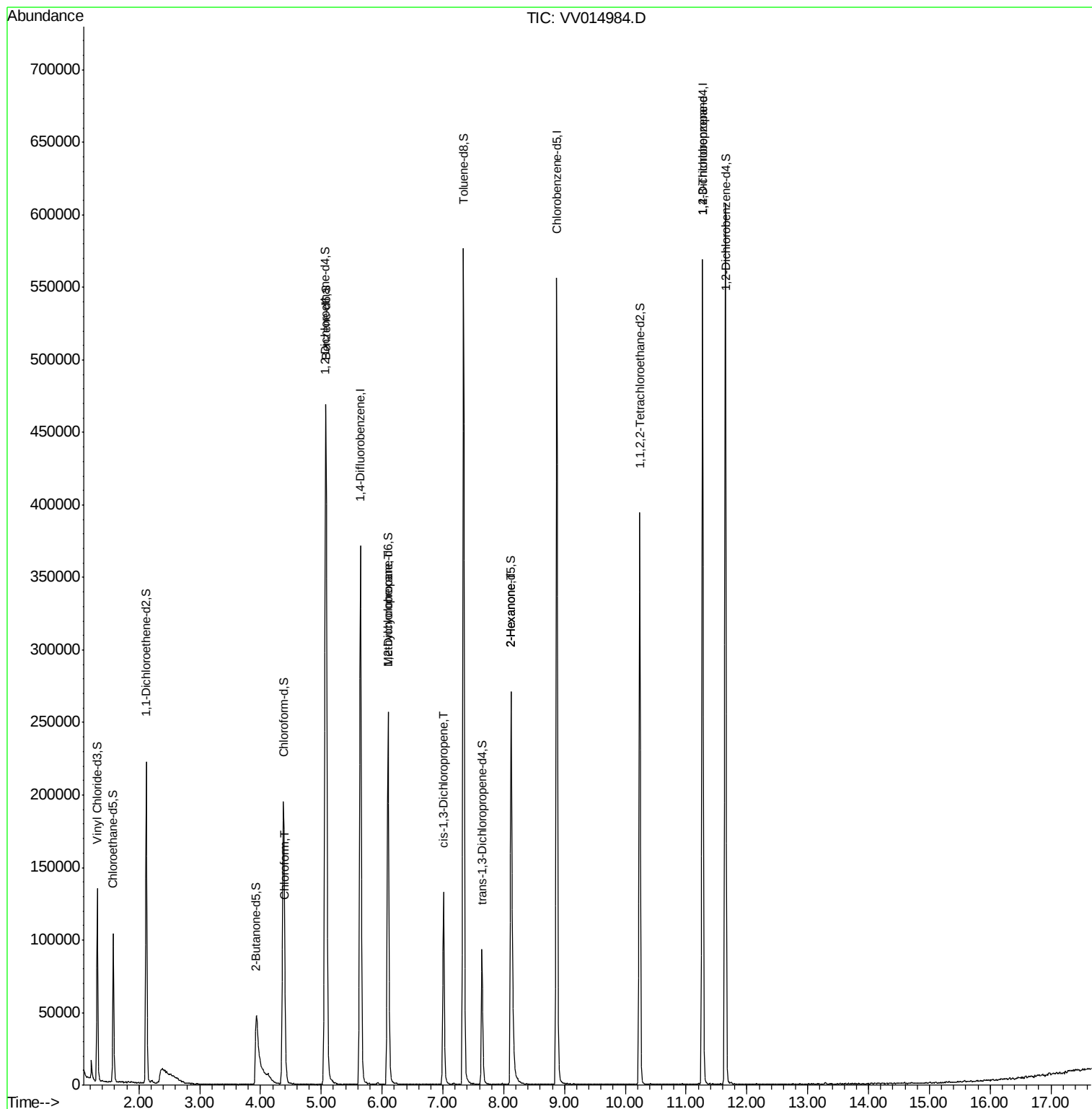
					Qvalue
25) Chloroform	4.41	83	6443	1.458 ug/L	91
35) Methylcyclohexane	6.10	83	33356	8.601 ug/L #	21
39) cis-1,3-Dichloropropene	7.01	75	3447	0.934 ug/L #	68
48) 2-Hexanone	8.12	43	13371	5.575 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	14432	4.688 ug/L	92

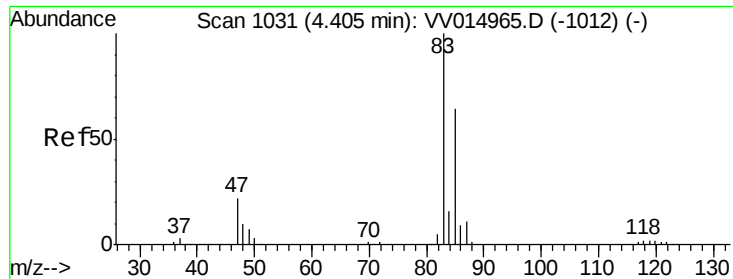
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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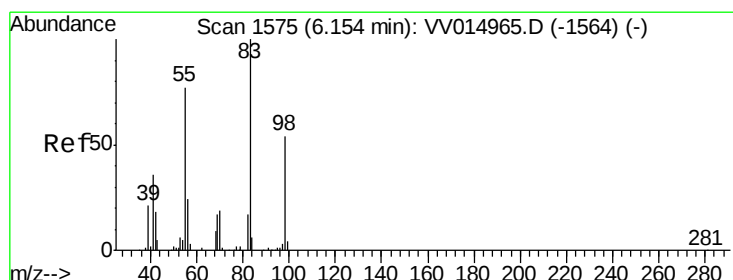
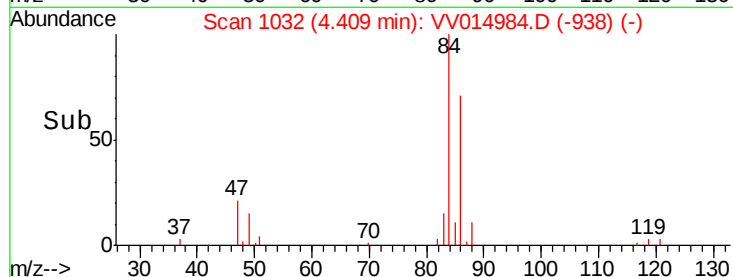
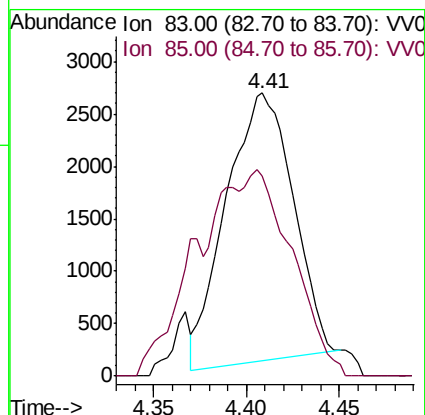
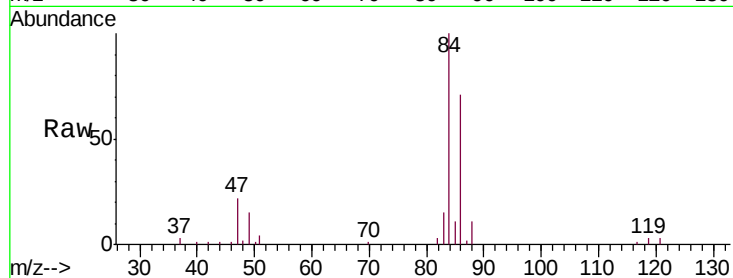




#25
Chloroform
Concen: 1.458 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV014984.D
Acq: 17 Mar 2020 19:25

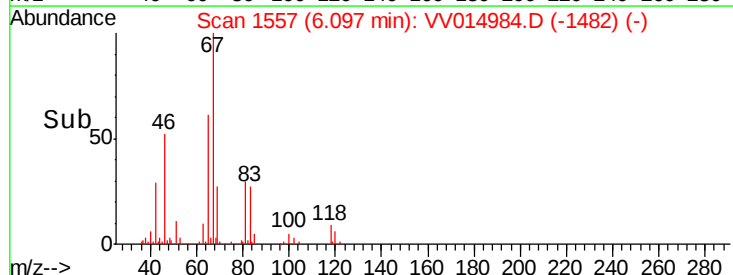
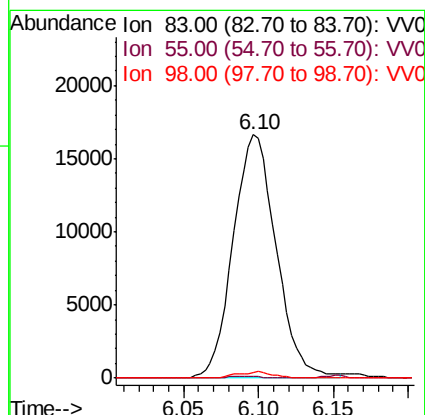
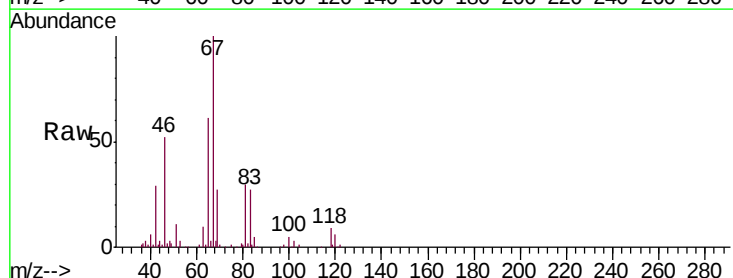
Instrument :
MSVOA_V
ClientSampleId :
C0DA3

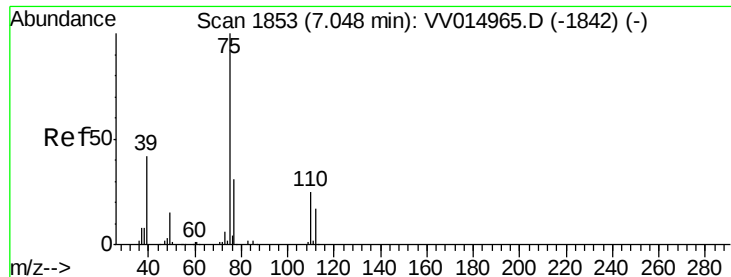
Tgt Ion: 83 Resp: 6443
Ion Ratio Lower Upper
83 100
85 70.8 44.6 82.8



#35
Methylcyclohexane
Concen: 8.601 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014984.D
Acq: 17 Mar 2020 19:25

Tgt Ion: 83 Resp: 33356
Ion Ratio Lower Upper
83 100
55 0.5 57.5 86.3#
98 2.1 39.5 59.3#

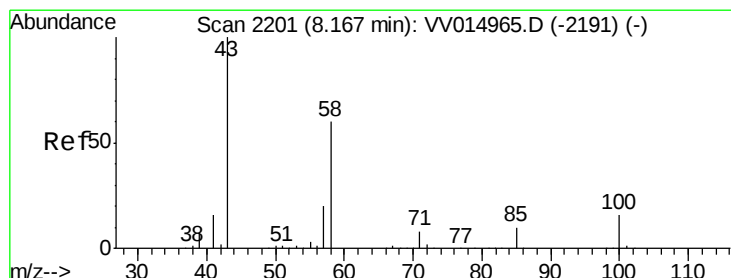
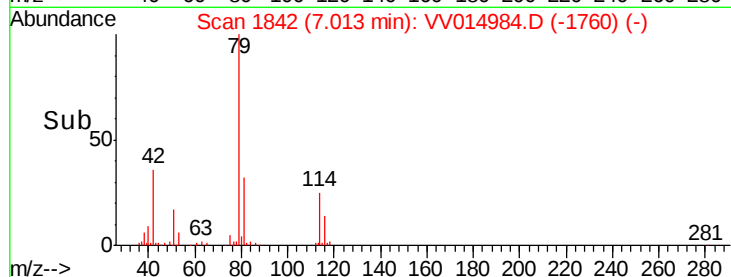
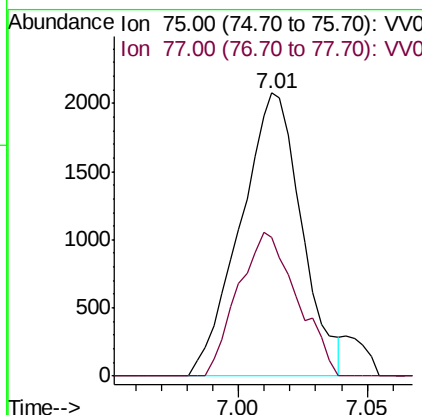
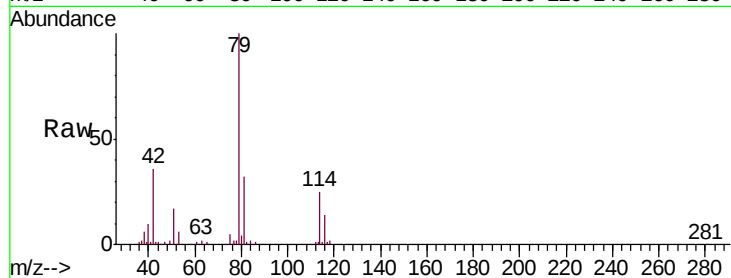




#39
 cis-1,3-Dichloropropene
 Concen: 0.934 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV014984.D
 Acq: 17 Mar 2020 19:25

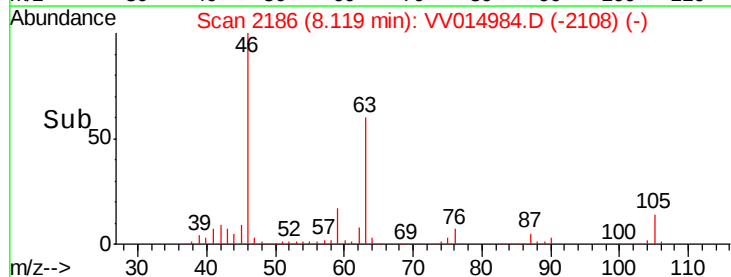
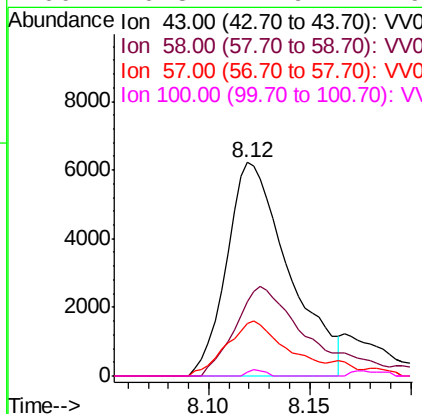
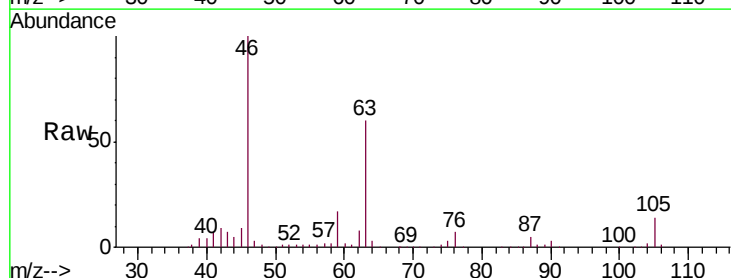
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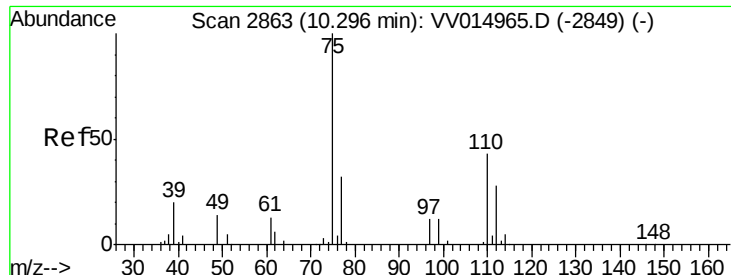
Tgt Ion: 75 Resp: 3447
 Ion Ratio Lower Upper
 75 100
 77 48.9 21.8 40.6#



#48
 2-Hexanone
 Concen: 5.575 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV014984.D
 Acq: 17 Mar 2020 19:25

Tgt Ion: 43 Resp: 13371
 Ion Ratio Lower Upper
 43 100
 58 42.0 46.9 70.3#
 57 24.9 16.2 24.4#
 100 0.8 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 4.688 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV014984.D

Acq: 17 Mar 2020 19:25

Instrument :

MSVOA_V

ClientSampleId :

C0DA3

Tgt Ion: 75 Resp: 14432

Ion Ratio Lower Upper

75 100

77 38.1 26.6 40.0

