

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021120\
 Data File : VW014964.D
 Acq On : 11 Feb 2020 14:38
 Operator : SY/VA
 Sample : L1416-15
 Misc : 4.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 12 00:15:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 12 00:12:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	716479	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	657126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	225917	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	213005	17.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.84%
7) Chloroethane-d5	2.89	69	215455	22.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.76%
10) 1,1-Dichloroethene-d2	4.02	63	345889	15.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.84%
20) 2-Butanone-d5	7.08	46	145124	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
24) Chloroform-d	7.65	84	531400	26.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	8.43	65	213	0.02	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1003408	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	368072	26.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.92%
37) Toluene-d8	10.32	98	815610	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.58	79	111030	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	10.92	63	96702	38.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	237480	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	218913	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

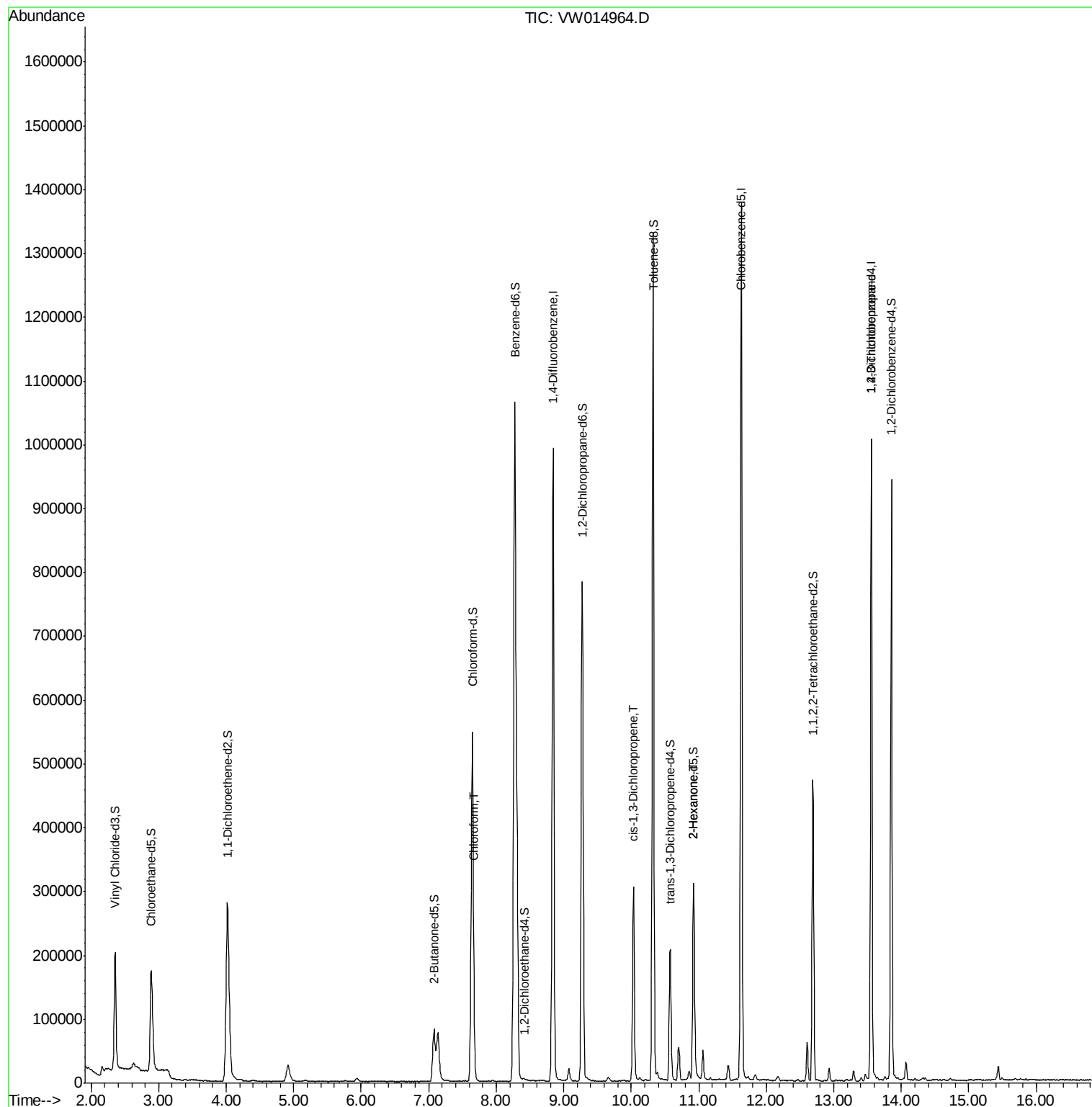
				Ovalue	
25) Chloroform	7.67	83	7185	0.375 ug/L #	1
42) cis-1,3-Dichloropropene	10.03	75	7696	0.448 ug/L #	52
49) 2-Hexanone	10.93	43	18626	3.344 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	35948	4.809 ug/L	89

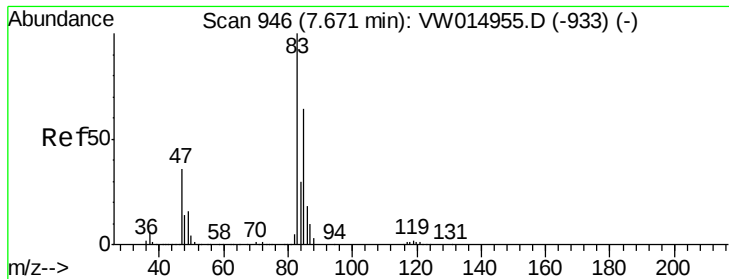
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.375 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

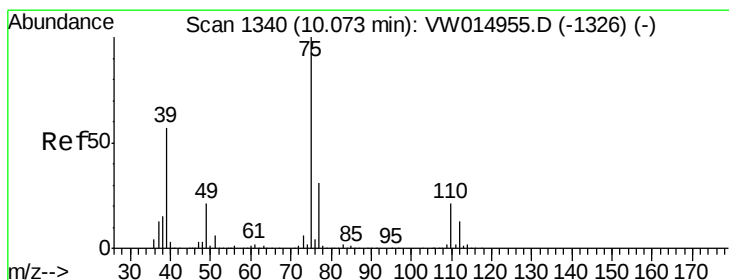
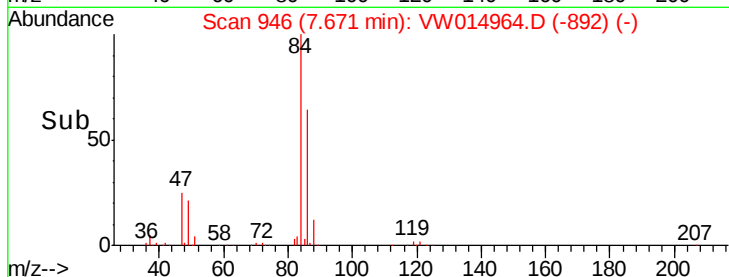
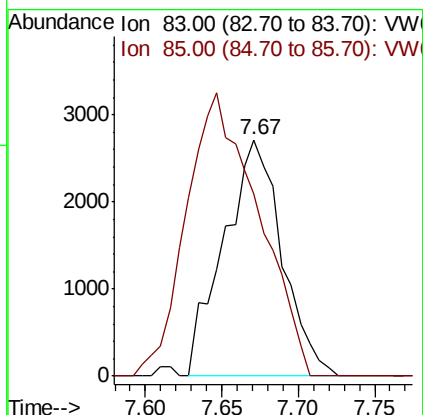
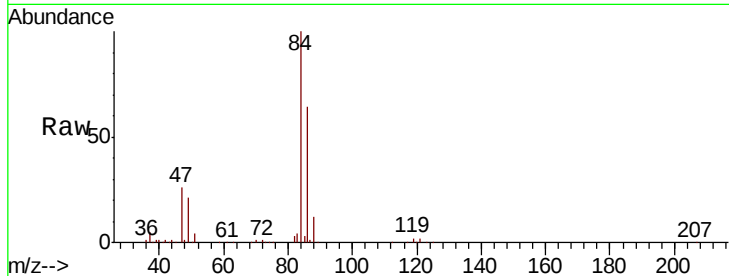
ClientSampleId :

Tot Ion: 83 Resp: 7185

Ion Ratio Lower Upper

83 100

85 148.2 45.4 84.4#



#42

cis-1,3-Dichloropropene

Concen: 0.448 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014964.D

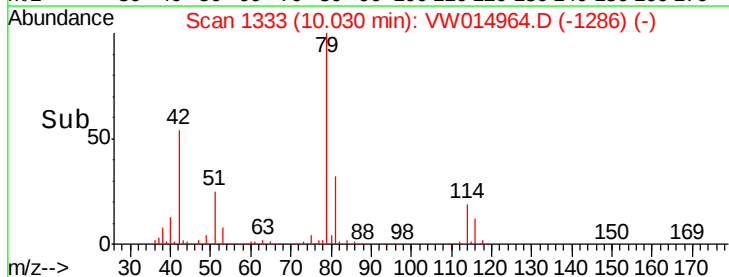
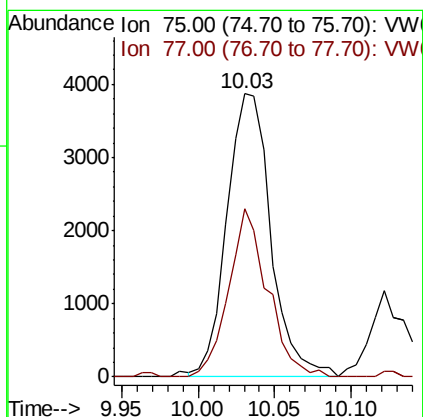
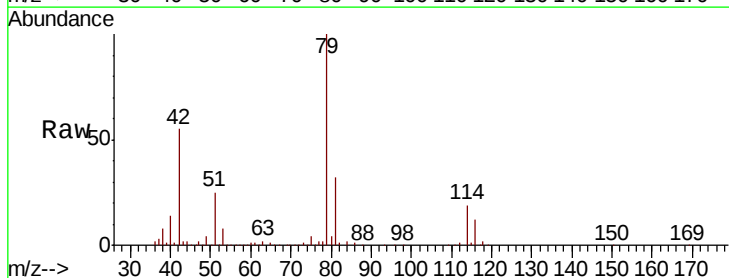
Acq: 11 Feb 2020 14:38

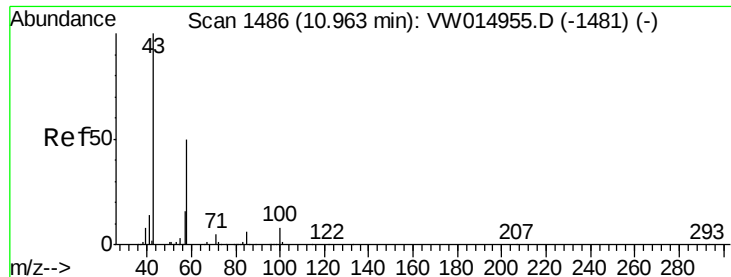
Tgt Ion: 75 Resp: 7696

Ion Ratio Lower Upper

75 100

77 59.3 22.5 41.9#





#49

2-Hexanone

Concen: 3.344 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014964.D

Acq: 11 Feb 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 18626

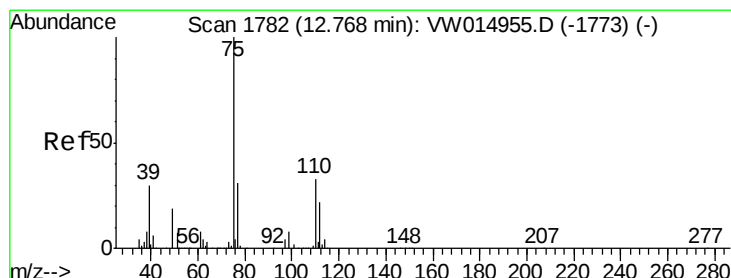
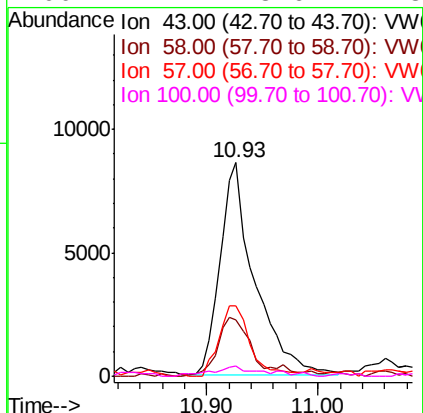
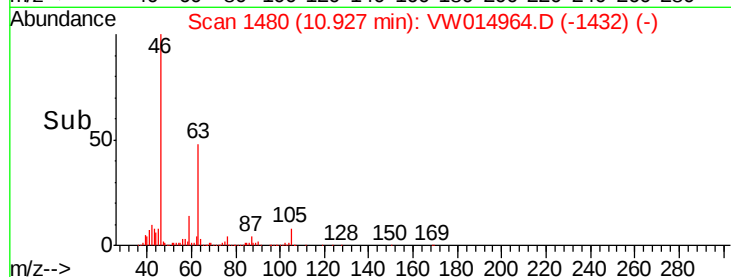
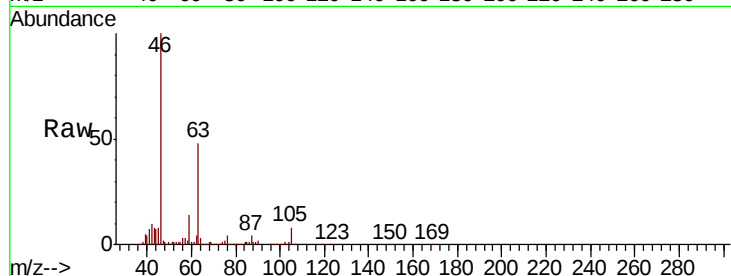
Ion Ratio Lower Upper

43 100

58 24.5 42.2 63.2#

57 28.2 14.5 21.7#

100 2.7 8.6 12.8#



#59

1,2,3-Trichloropropane

Concen: 4.809 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 35948

Ion Ratio Lower Upper

75 100

77 38.7 25.9 38.9

