

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112919\
 Data File : VW014178.D
 Acq On : 29 Nov 2019 13:47
 Operator : SY/VA
 Sample : K6089-07
 Misc : 5.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 04:13:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 30 04:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	261133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	95190	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63690	15.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.16%
7) Chloroethane-d5	2.89	69	66044	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
10) 1,1-Dichloroethene-d2	4.02	63	109609	12.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.28%
20) 2-Butanone-d5	7.07	46	84610	69.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.80%#
24) Chloroform-d	7.65	84	197306	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.31	65	112034	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.00%
29) Benzene-d6	8.27	84	382455	23.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.56%
33) 1,2-Dichloropropane-d6	9.27	67	128703	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	10.32	98	321796	20.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.88%
38) trans-1,3-Dichloropropene-	10.57	79	43893	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.48%
39) 2-Hexanone-d5	10.92	63	57916	64.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119961	33.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	98687	25.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.20%

Target Compounds

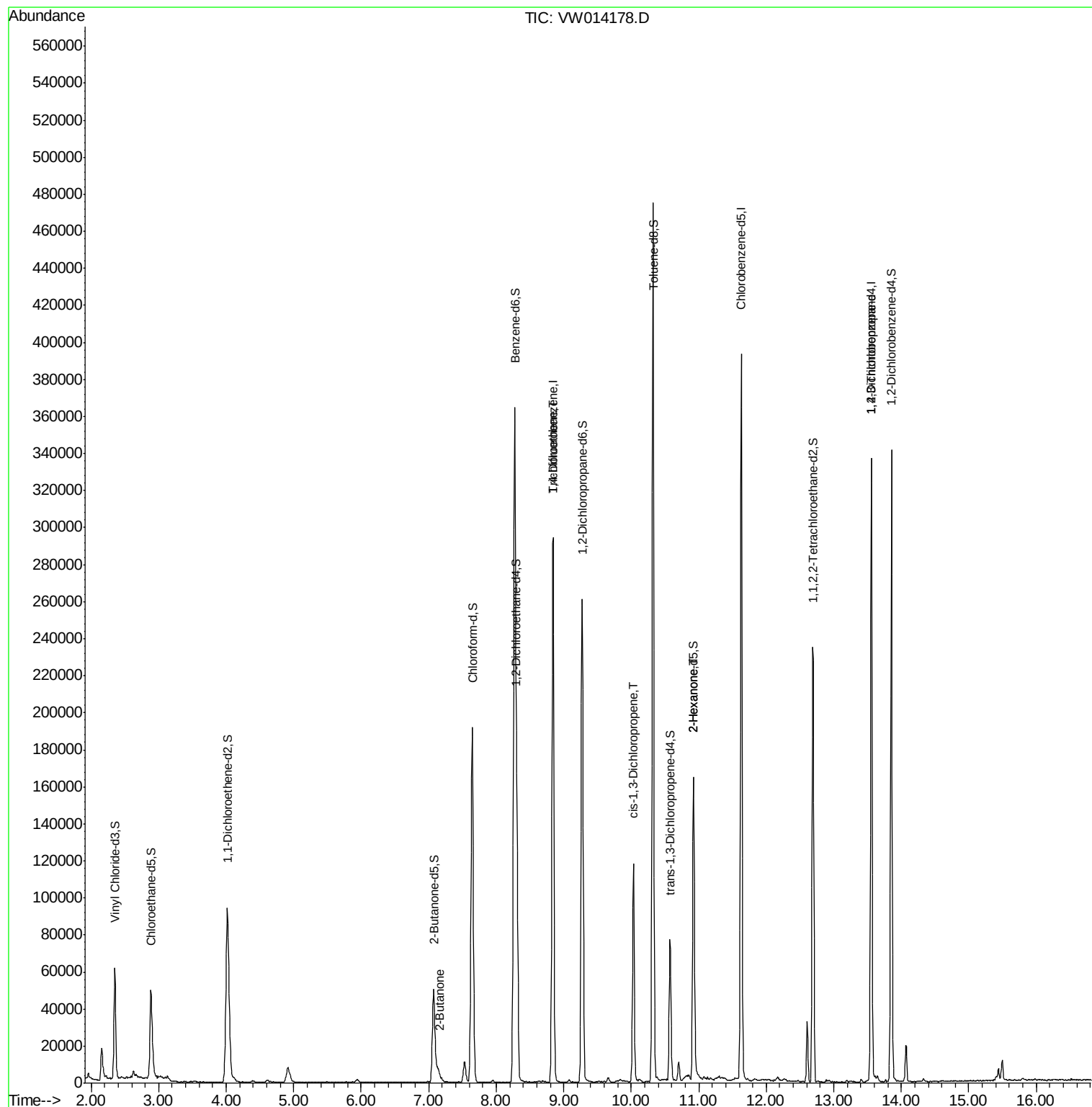
					Ovalue
21) 2-Butanone	7.17	43	3803	2.403 ug/L	79
35) Trichloroethene	8.84	95	7673	1.720 ug/L #	2
42) cis-1,3-Dichloropropene	10.03	75	2960	0.466 ug/L #	62
49) 2-Hexanone	10.93	43	6944	3.623 ug/L #	65
59) 1,2,3-Trichloropropane	13.55	75	9899	3.810 ug/L	97

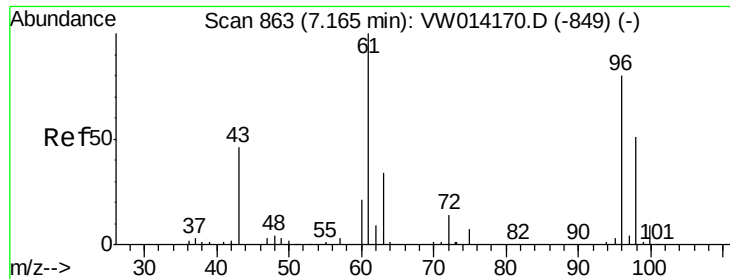
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.403 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW014178.D

Acq: 29 Nov 2019 13:47

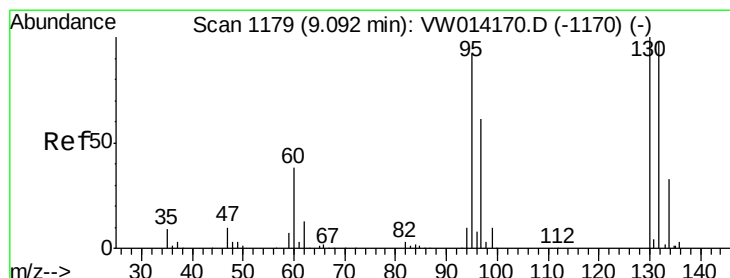
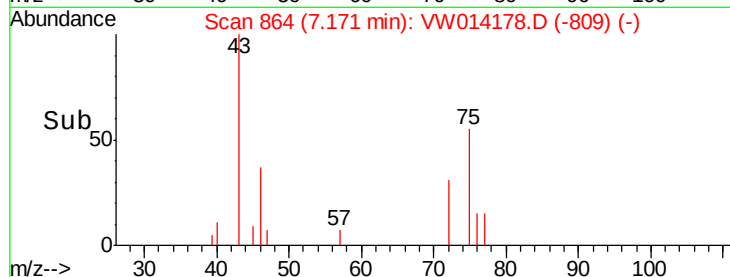
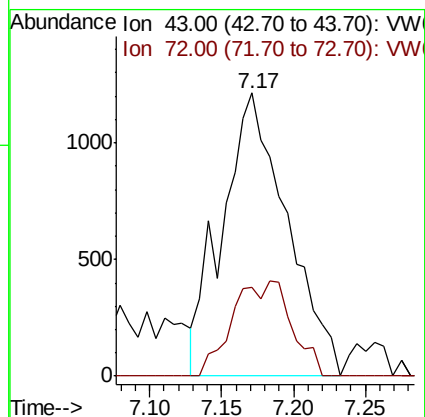
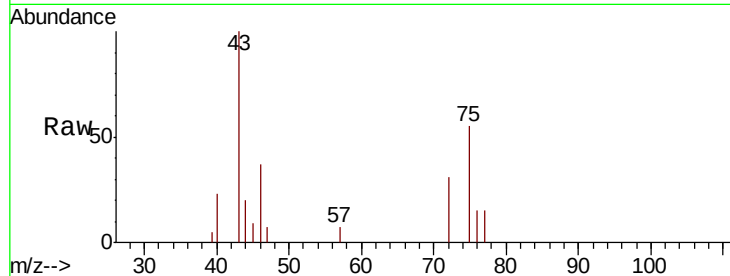
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3803

Ion Ratio Lower Upper

43 100

72 16.8 14.1 42.2



#35

Trichloroethene

Concen: 1.720 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.26 min

Lab File: VW014178.D

Acq: 29 Nov 2019 13:47

Tgt Ion: 95 Resp: 7673

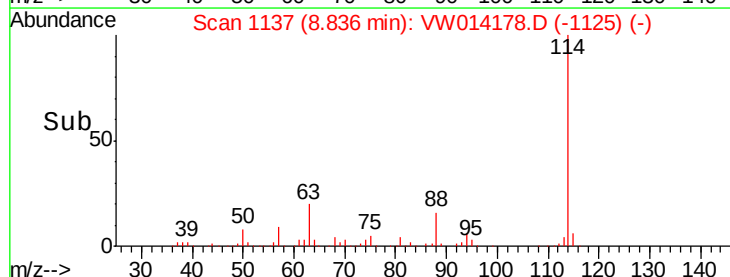
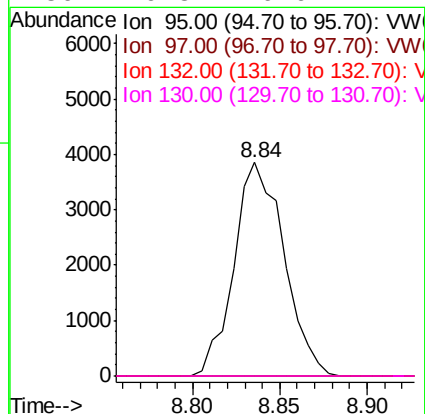
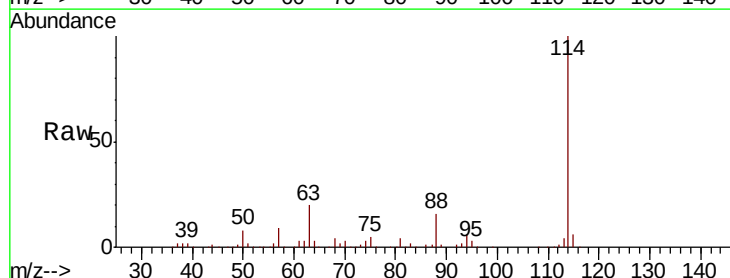
Ion Ratio Lower Upper

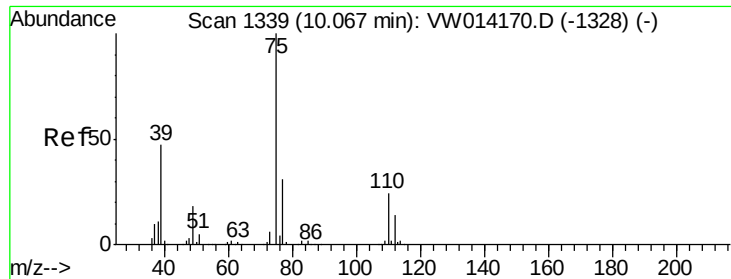
95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.8 76.6 142.2#





#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014178.D

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Instrument :

MSVOA_W

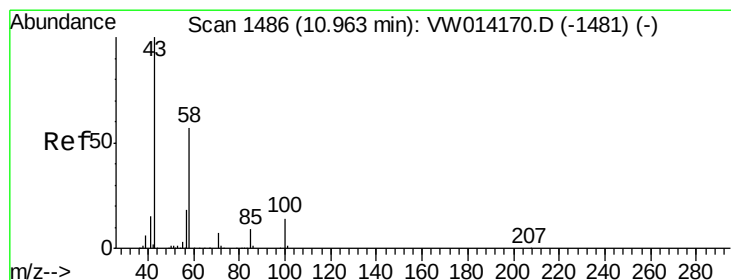
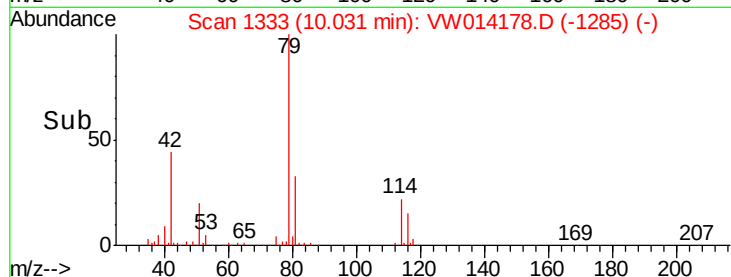
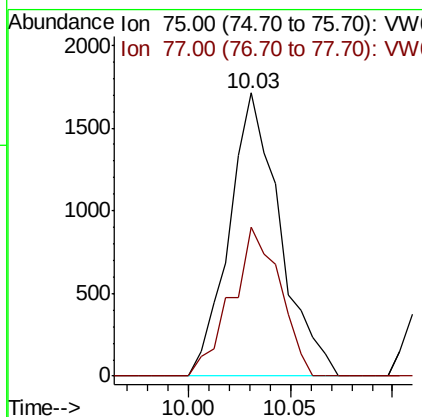
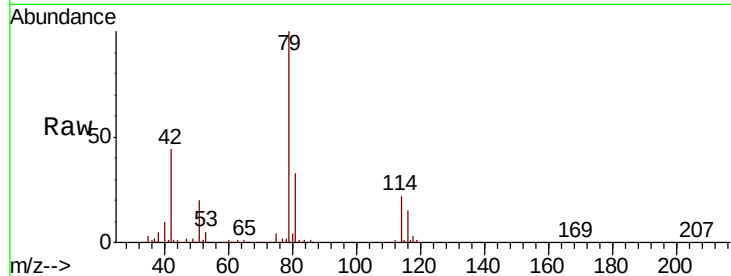
ClientSampleId :

Tot Ion: 75 Resp: 2960

Ion Ratio Lower Upper

75 100

77 52.7 22.1 41.1#



#49

2-Hexanone

Concen: 3.623 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014178.D

Acq: 29 Nov 2019 13:47

Tgt Ion: 43 Resp: 6944

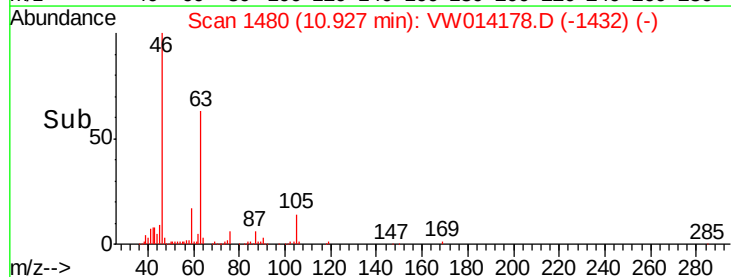
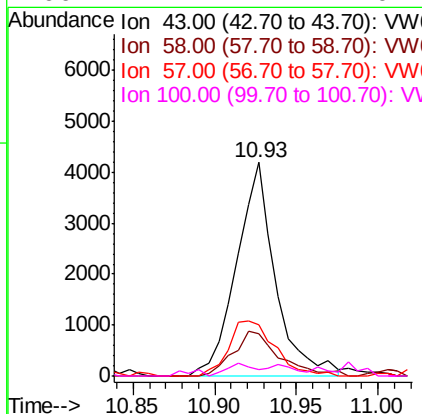
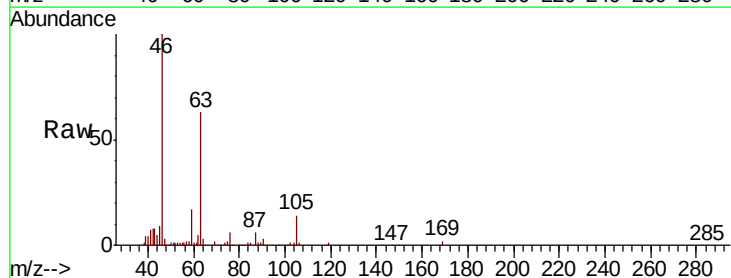
Ion Ratio Lower Upper

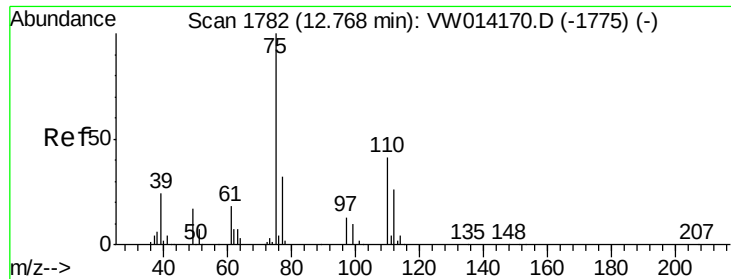
43 100

58 23.9 44.4 66.6#

57 30.4 16.5 24.7#

100 4.2 11.1 16.7#





#59

1,2,3-Trichloropropane

Concen: 3.810 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014178.D

Acq: 29 Nov 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 9899

Ion Ratio Lower Upper

75 100

77 34.3 25.9 38.9

