

Data File : VW014447.D
Acq On : 18 Dec 2019 22:27
Operator : SY/VA
Sample : K6278-22RE
Misc : 3.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C92RE

Quant Time: Dec 19 04:38:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	561454	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	27062	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	196621	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.89	69	183912	29.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.36%
10) 1,1-Dichloroethene-d2	4.01	63	254791	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	7.07	46	108117	48.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.60%
24) Chloroform-d	7.64	84	474196	33.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	132.68%
26) 1,2-Dichloroethane-d4	8.52	65	126	0.02	ug/L	0.22
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	871133	53.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	215.28%#
33) 1,2-Dichloropropane-d6	9.27	67	307849	61.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	247.28%#
37) Toluene-d8	10.32	98	502094	34.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	137.24%#
38) trans-1,3-Dichloropropene-	10.58	79	44249	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
39) 2-Hexanone-d5	10.93	63	66843	67.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.02%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	192841	47.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	190.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	47438	45.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	183.48%#

Target Compounds

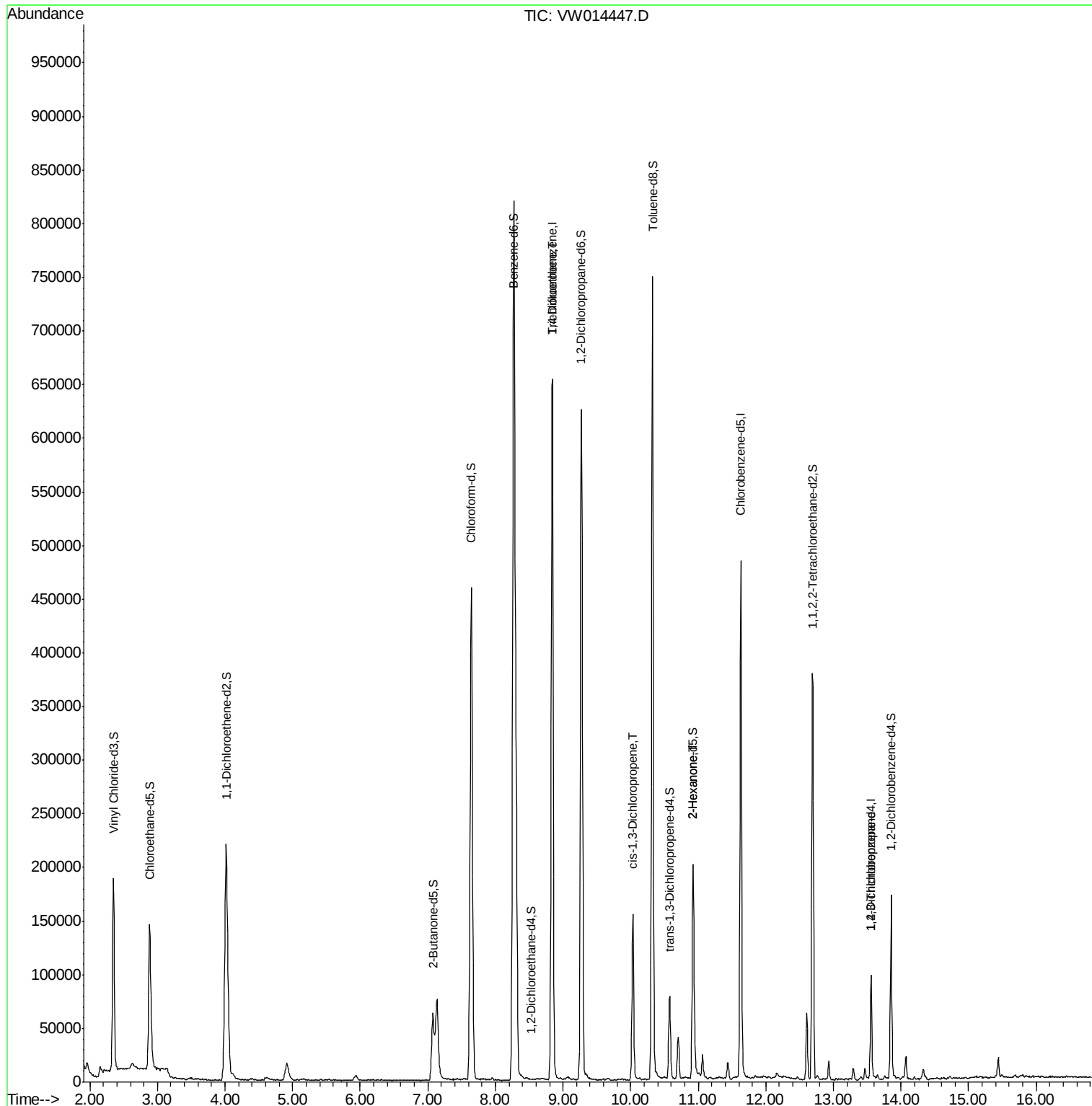
					Qvalue
35) Trichloroethene	8.84	95	17247	3.855 ug/L #	2
42) cis-1,3-Dichloropropene	10.02	75	3833	0.570 ug/L #	77
49) 2-Hexanone	10.92	43	13724	6.508 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	3205	1.032 ug/L	92

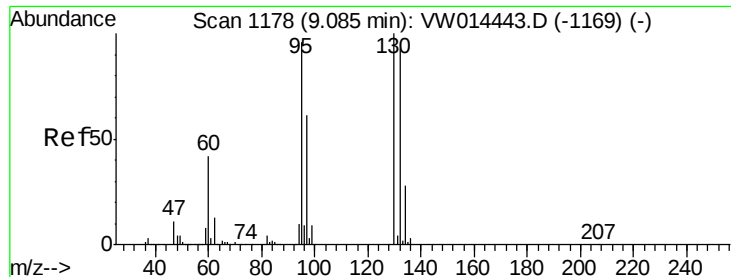
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014447.D
Acq On : 18 Dec 2019 22:27
Operator : SY/VA
Sample : K6278-22RE
Misc : 3.91G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C92RE

Quant Time: Dec 19 04:38:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration





#35

Trichloroethene

Concen: 3.855 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW014447.D

Acq: 18 Dec 2019 22:27

Instrument :

MSVOA_W

ClientSampleId :

C0C92RE

Tgt Ion: 95 Resp: 17247

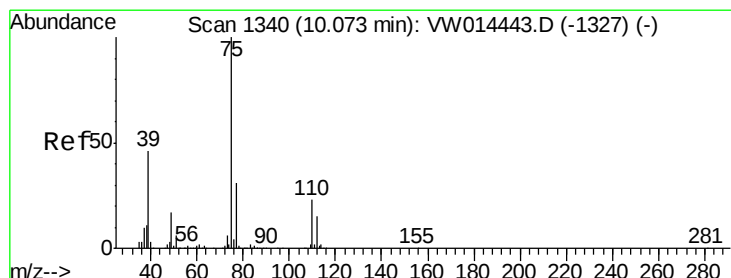
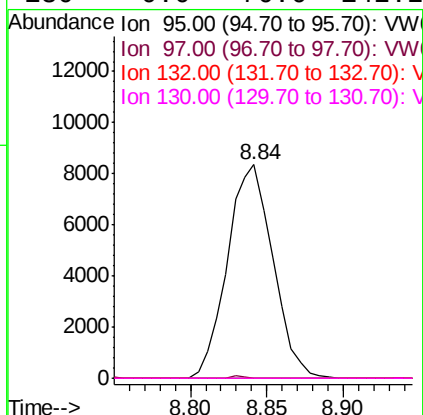
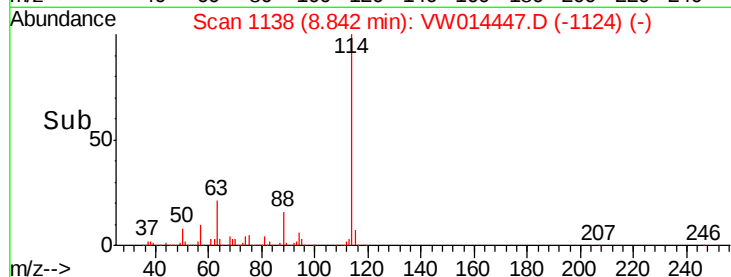
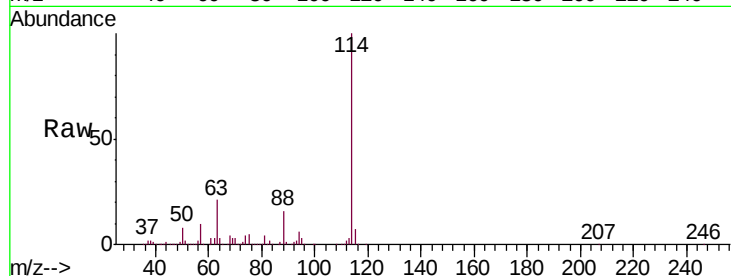
Ion Ratio Lower Upper

95 100

97 0.4 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#



#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.02 min Scan# 1332

Delta R.T. -0.05 min

Lab File: VW014447.D

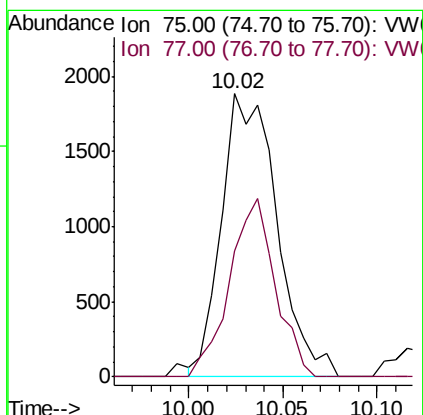
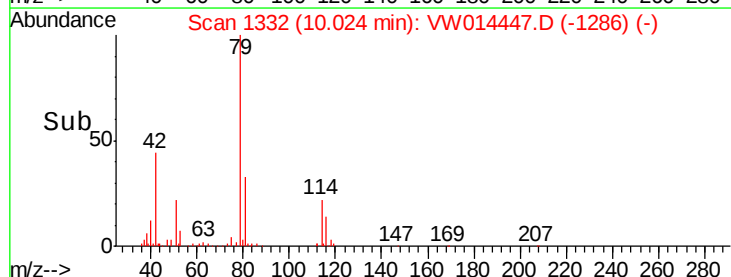
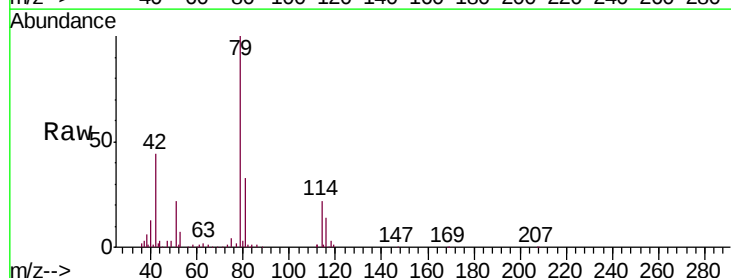
Acq: 18 Dec 2019 22:27

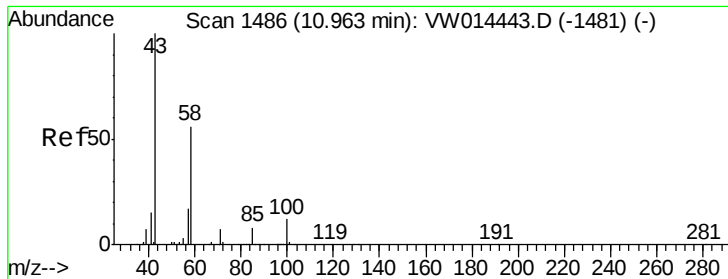
Tgt Ion: 75 Resp: 3833

Ion Ratio Lower Upper

75 100

77 44.3 22.1 41.1#





#49

2-Hexanone

Concen: 6.508 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014447.D

Acq: 18 Dec 2019 22:27

Instrument :

MSVOA_W

ClientSampleId :

C0C92RE

Tgt Ion: 43 Resp: 13724

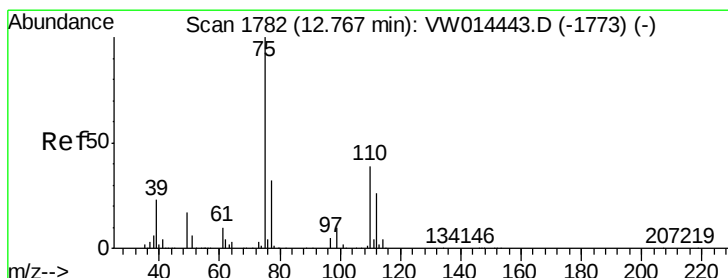
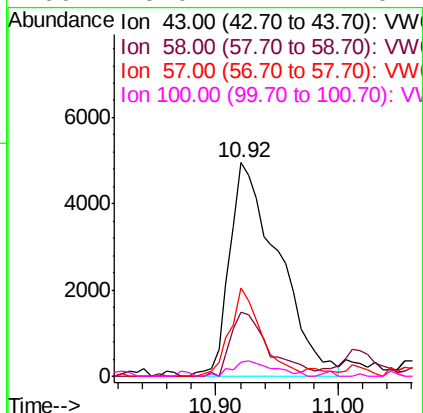
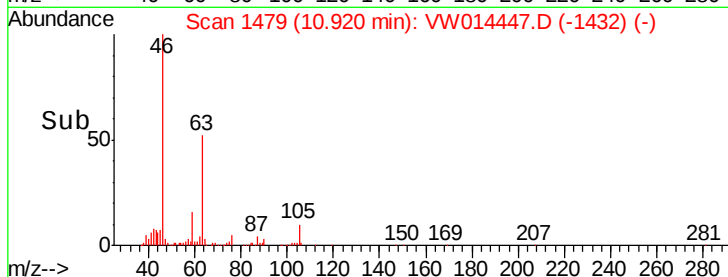
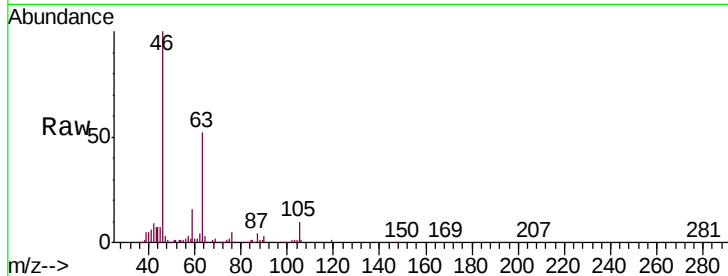
Ion Ratio Lower Upper

43 100

58 19.7 44.4 66.6#

57 26.5 16.5 24.7#

100 6.0 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 1.032 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014447.D

Acq: 18 Dec 2019 22:27

Tgt Ion: 75 Resp: 3205

Ion Ratio Lower Upper

75 100

77 37.2 25.9 38.9

