

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101619\
 Data File : VW013605.D
 Acq On : 16 Oct 2019 17:45
 Operator : SY/VA
 Sample : K5395-02
 Misc : 3.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 18:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 16:38:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359329	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	238214	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	54248	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101562	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
7) Chloroethane-d5	2.89	69	84349	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.84%
10) 1,1-Dichloroethene-d2	4.01	63	174945	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.08	46	44979	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
24) Chloroform-d	7.65	84	226456	29.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.04%
26) 1,2-Dichloroethane-d4	8.30	65	119905	29.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.60%
29) Benzene-d6	8.27	84	495893	38.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.44%#
33) 1,2-Dichloropropane-d6	9.27	67	143814	37.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.96%#
37) Toluene-d8	10.32	98	397075	32.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	131.12%#
38) trans-1,3-Dichloropropene-	10.58	79	40128	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.16%
39) 2-Hexanone-d5	10.92	63	32541	42.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74808	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	53188	27.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.12%

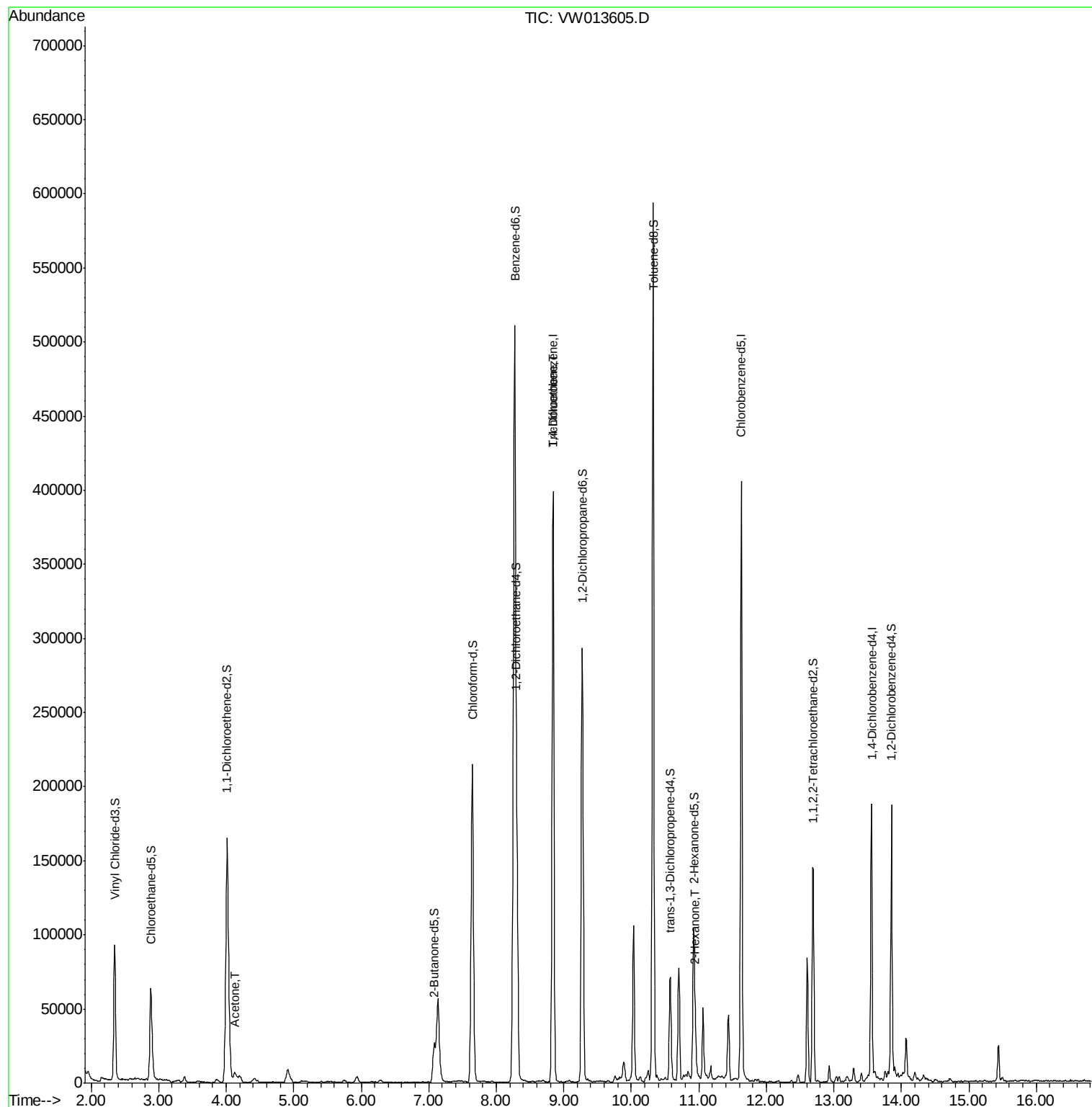
Target Compounds					Ovalue
13) Acetone	4.13	43	10504	7.378 ug/L	96
35) Trichloroethene	8.84	95	10468	2.789 ug/L #	3
49) 2-Hexanone	10.95	43	15706	8.934 ug/L #	39

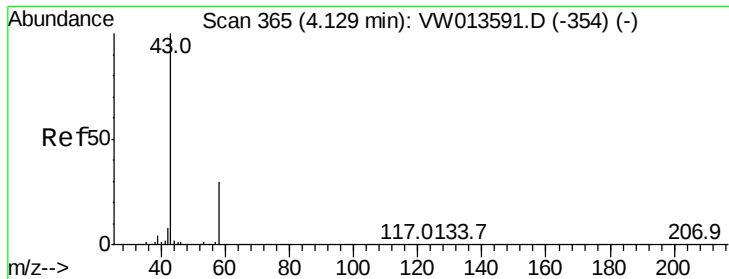
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.378 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW013605.D

Acq: 16 Oct 2019 17:45

Instrument :

MSVOA_W

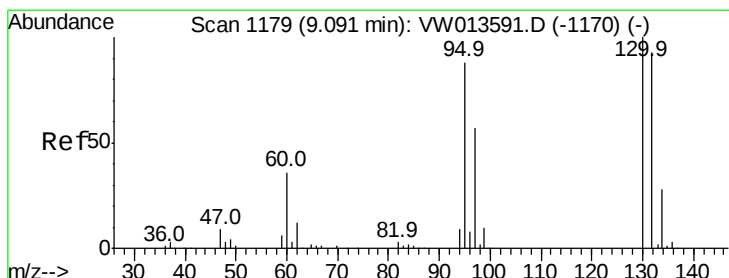
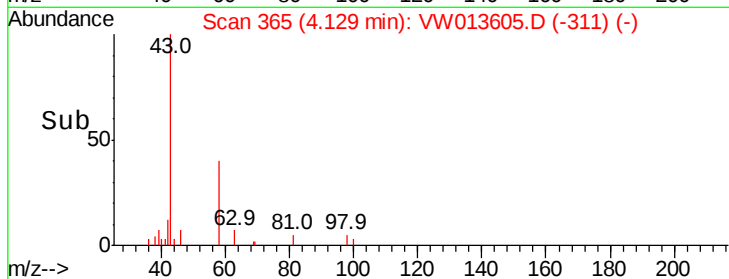
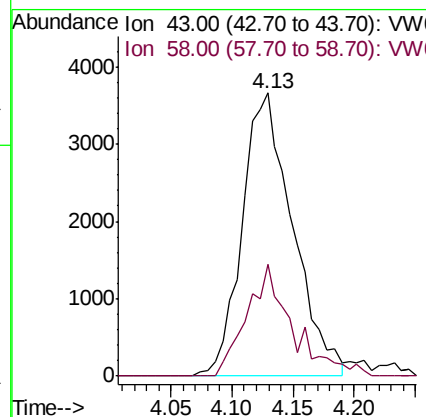
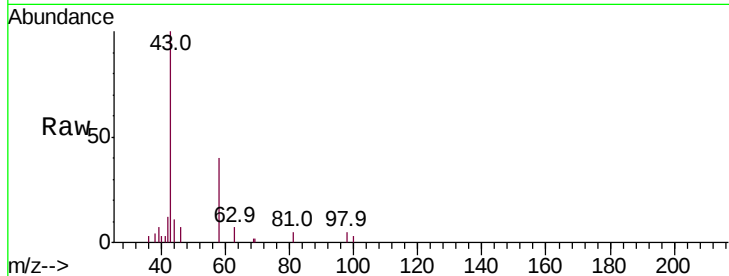
ClientSampleId :

Tot Ion: 43 Resp: 10504

Ion Ratio Lower Upper

43 100

58 31.7 0.0 67.8



#35

Trichloroethene

Concen: 2.789 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013605.D

Acq: 16 Oct 2019 17:45

Tgt Ion: 95 Resp: 10468

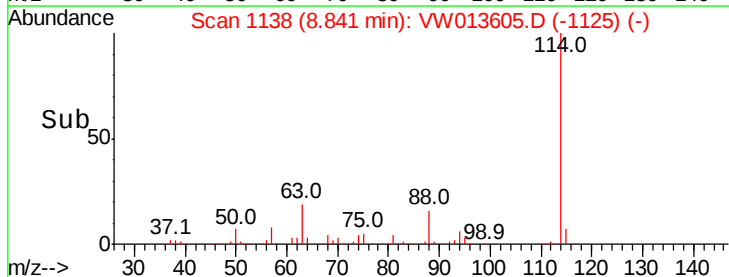
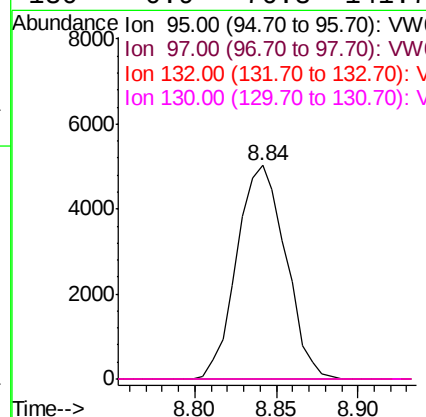
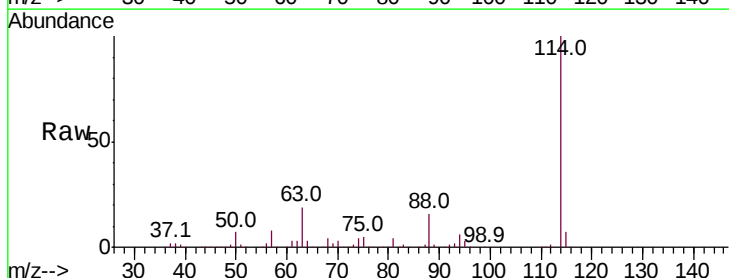
Ion Ratio Lower Upper

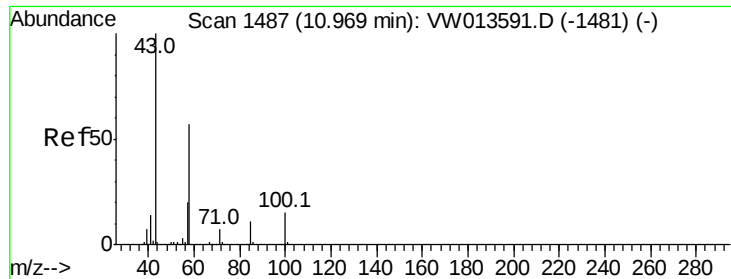
95 100

97 0.3 45.1 83.7#

132 0.8 73.6 136.8#

130 0.9 76.3 141.7#





#49

2-Hexanone

Concen: 8.934 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW013605.D

Acq: 16 Oct 2019 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 15706

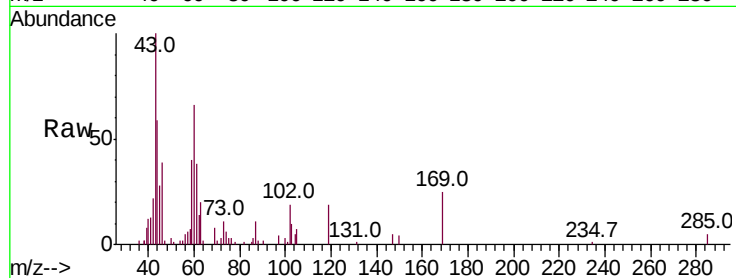
Ion Ratio Lower Upper

43 100

58 1.9 45.2 67.8#

57 0.0 15.8 23.8#

100 1.3 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

