

Data File : VW013796.D
Acq On : 29 Oct 2019 16:28
Operator : SY/VA
Sample : K5509-11
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0G78

Quant Time: Oct 30 07:03:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	270562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	266695	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	88630	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
7) Chloroethane-d5	2.89	69	71620	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.44%
10) 1,1-Dichloroethene-d2	4.01	63	136990	18.68	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.72%
20) 2-Butanone-d5	7.07	46	61026	51.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.80%
24) Chloroform-d	7.65	84	190977	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	106389	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.48%
29) Benzene-d6	8.27	84	404862	25.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.08%
33) 1,2-Dichloropropane-d6	9.27	67	122306	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.24%
37) Toluene-d8	10.32	98	381652	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
38) trans-1,3-Dichloropropene-	10.58	79	50584	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	10.92	63	49766	54.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103461	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	140227	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds

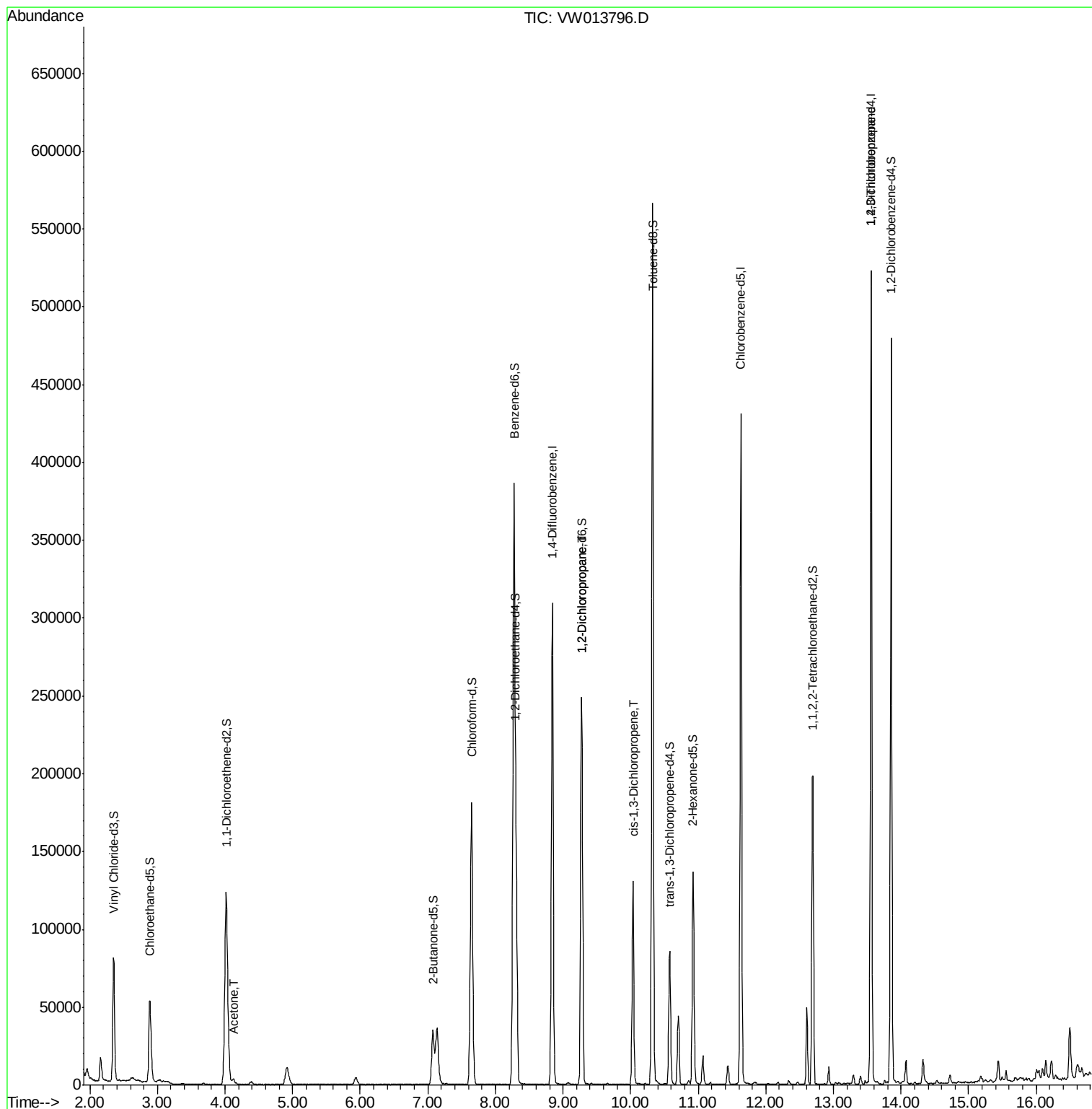
					Qvalue
13) Acetone	4.12	43	3563	2.704 ug/L	70
40) 1,2-Dichloropropane	9.27	63	12722	2.719 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2930	0.397 ug/L #	81
59) 1,2,3-Trichloropropane	13.55	75	15554	4.932 ug/L	98

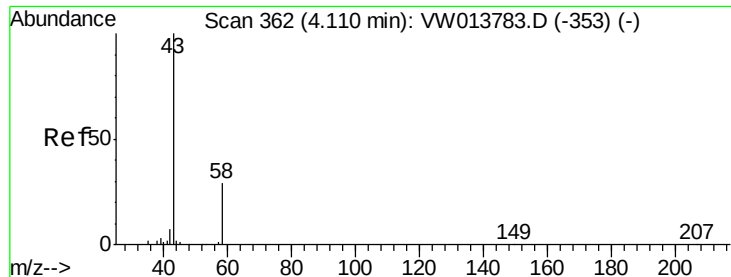
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.704 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

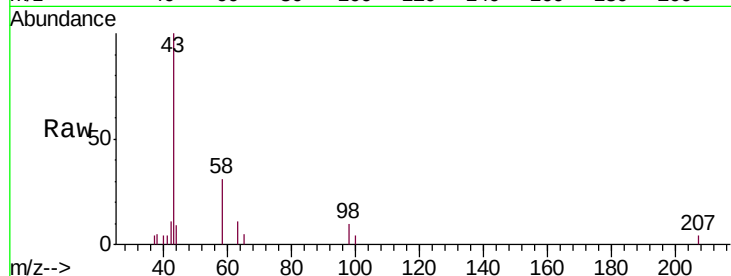
H0G78

Tgt Ion: 43 Resp: 3563

Ion Ratio Lower Upper

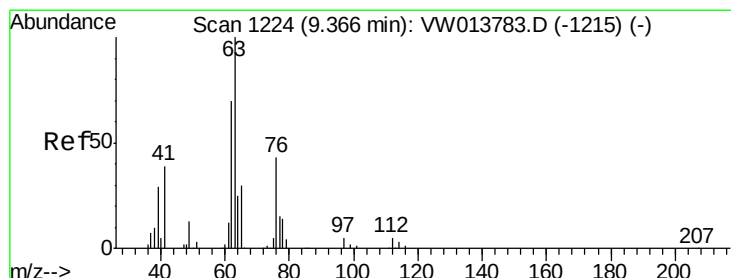
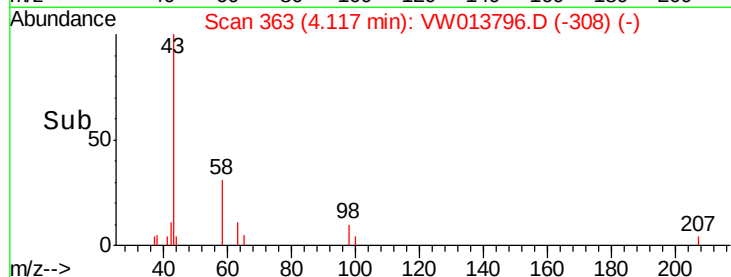
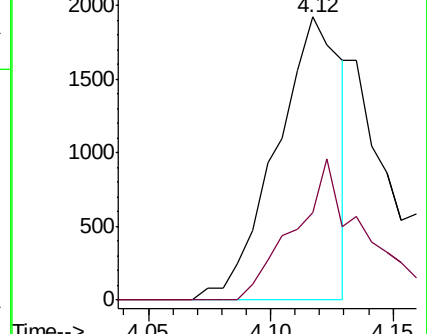
43 100

58 52.8 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#40

1,2-Dichloropropane

Concen: 2.719 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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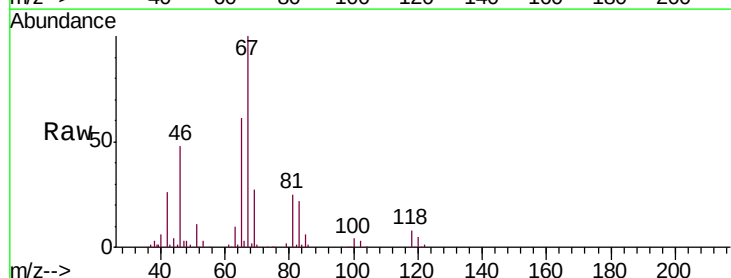
Acq: 29 Oct 2019 16:28

Tgt Ion: 63 Resp: 12722

Ion Ratio Lower Upper

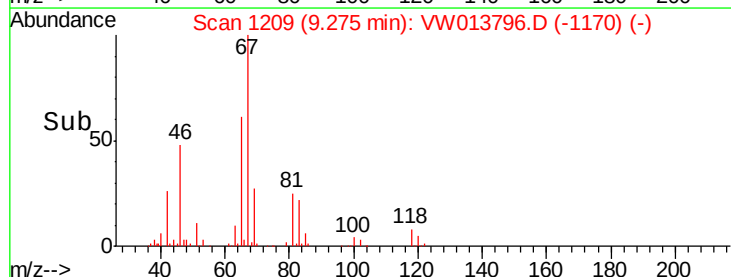
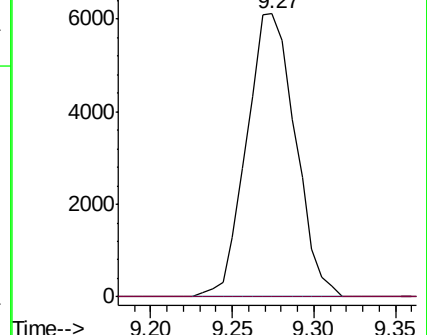
63 100

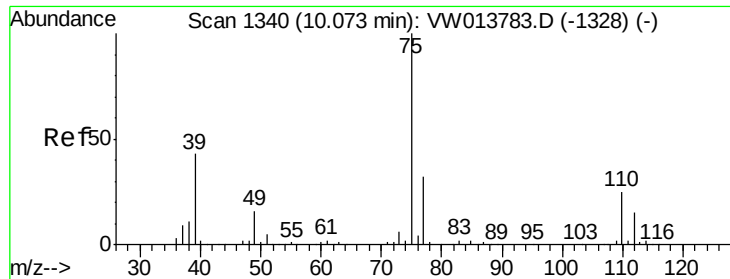
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.397 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

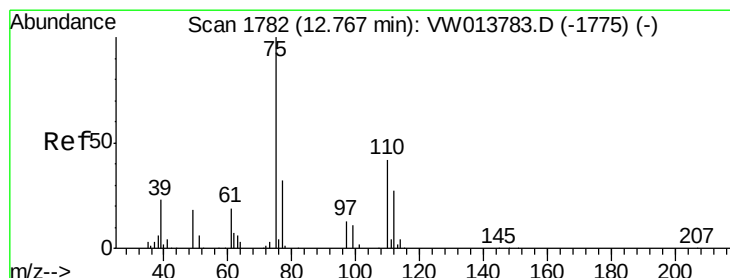
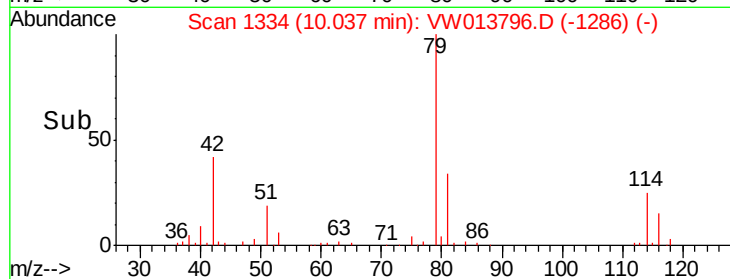
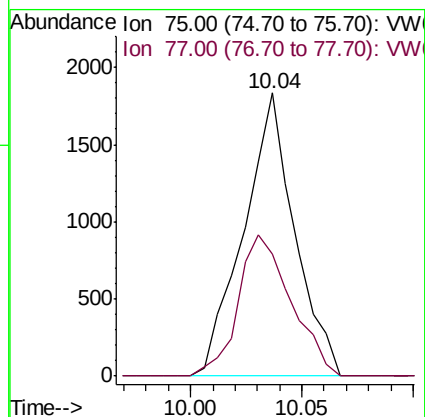
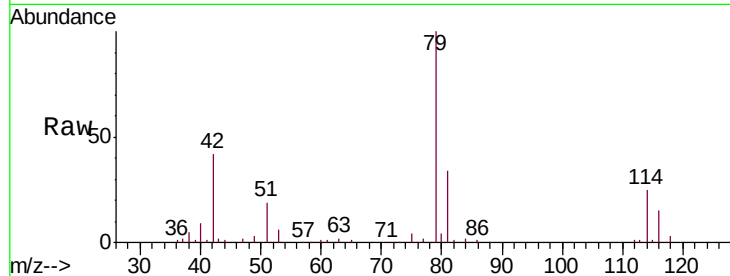
H0G78

Tgt Ion: 75 Resp: 2930

Ion Ratio Lower Upper

75 100

77 43.1 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 4.932 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Acq: 29 Oct 2019 16:28

Tgt Ion: 75 Resp: 15554

Ion Ratio Lower Upper

75 100

77 34.1 26.4 39.6

