

Data File : VW013965.D
Acq On : 11 Nov 2019 17:59
Operator : SY/VA
Sample : K5784-02
Misc : 5.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLNA9

Quant Time: Nov 12 06:13:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 06:10:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	295791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265475	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	118037	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99048	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	2.89	69	87441	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.40%
10) 1,1-Dichloroethene-d2	4.01	63	162793	16.81	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.07	46	75427	55.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.04%
24) Chloroform-d	7.65	84	232355	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.31	65	127087	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	8.27	84	503573	26.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.92%
33) 1,2-Dichloropropane-d6	9.27	67	156166	28.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.20%
37) Toluene-d8	10.32	98	453649	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.60%
38) trans-1,3-Dichloropropene-	10.58	79	58203	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.92	63	62262	59.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117742	28.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	121037	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

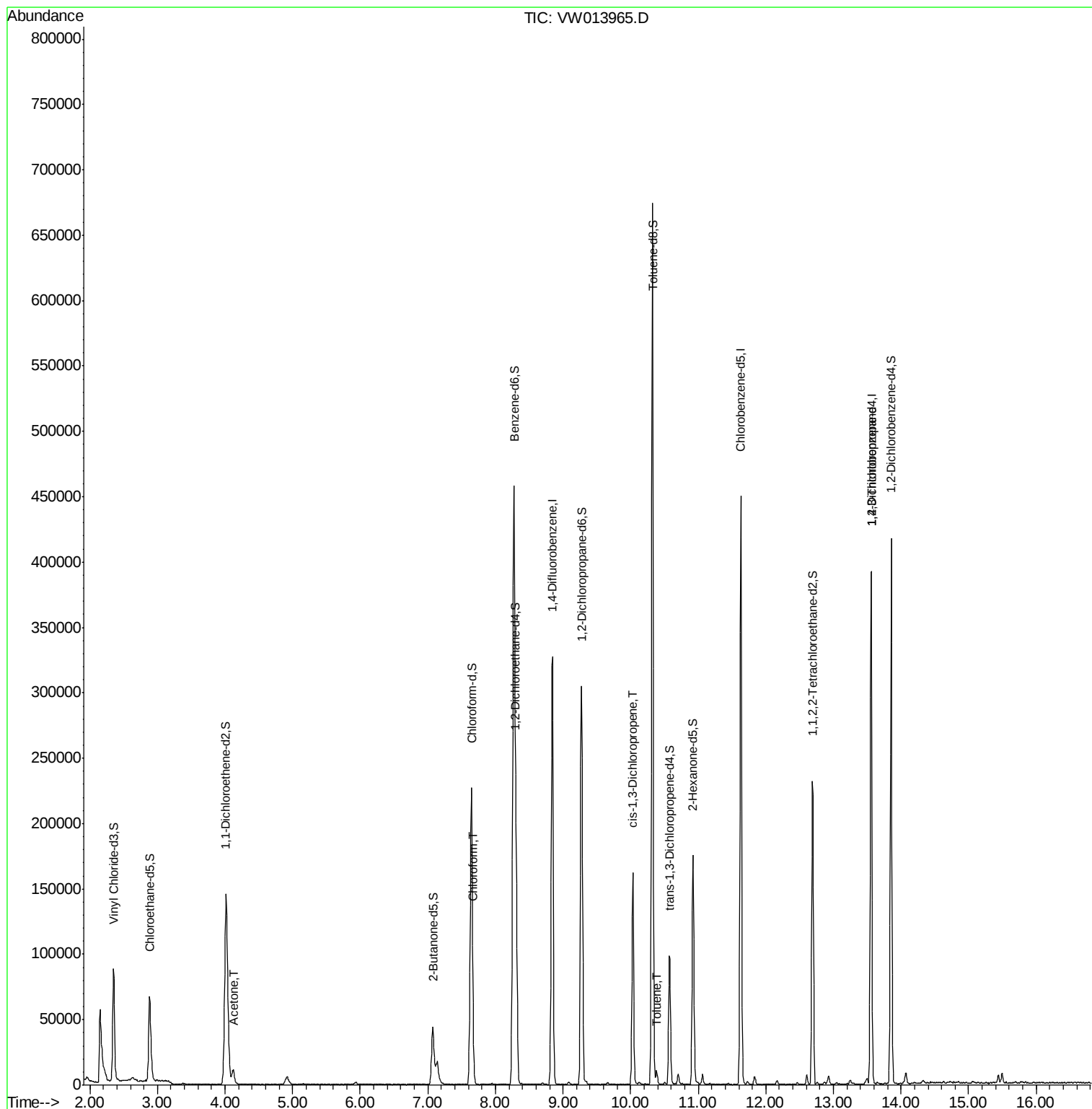
Target Compounds					Qvalue
13) Acetone	4.12	43	18681	13.390 ug/L	88
25) Chloroform	7.67	83	2781	0.323 ug/L	85
42) cis-1,3-Dichloropropene	10.03	75	3307	0.447 ug/L #	59
44) Toluene	10.39	91	7741	0.365 ug/L	98
59) 1,2,3-Trichloropropane	13.55	75	12883	4.260 ug/L	97

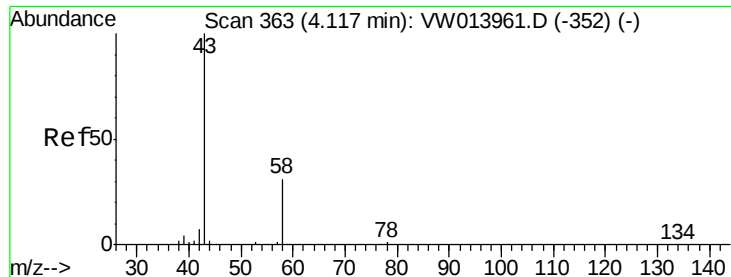
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.390 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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ClientSampleId :

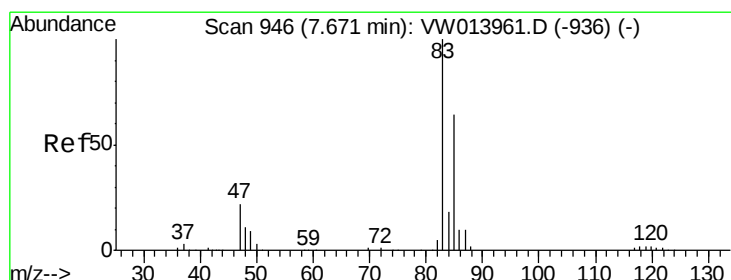
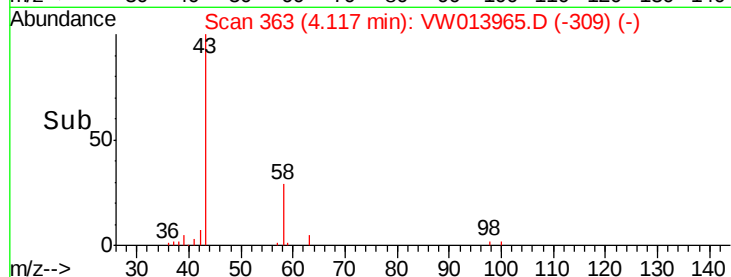
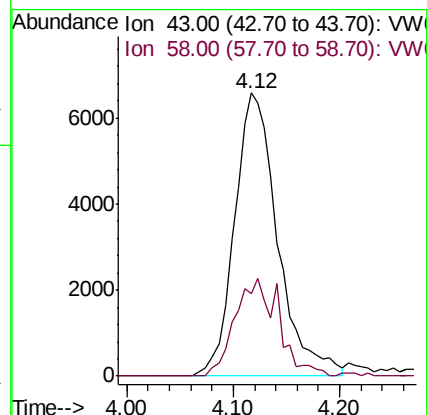
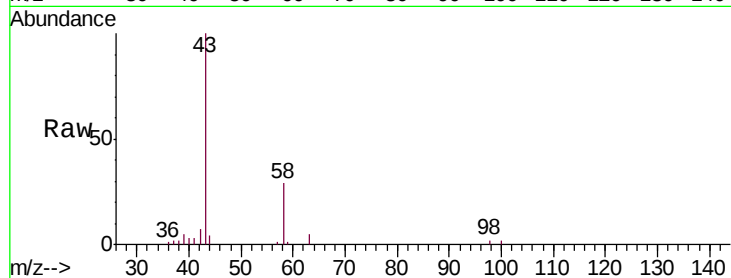
JLNA9

Tgt Ion: 43 Resp: 18681

Ion Ratio Lower Upper

43 100

58 26.1 0.0 65.4



#25

Chloroform

Concen: 0.323 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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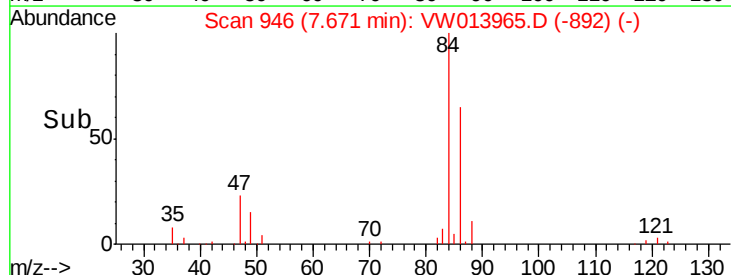
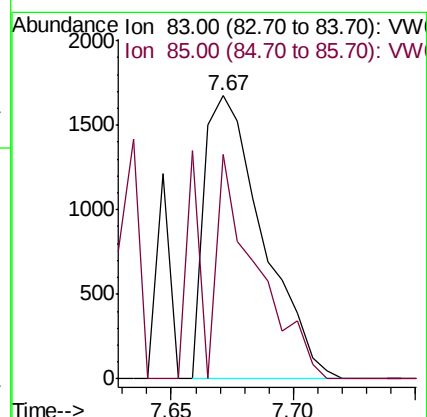
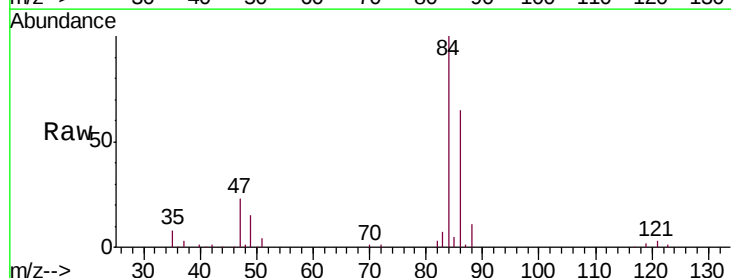
Acq: 11 Nov 2019 17:59

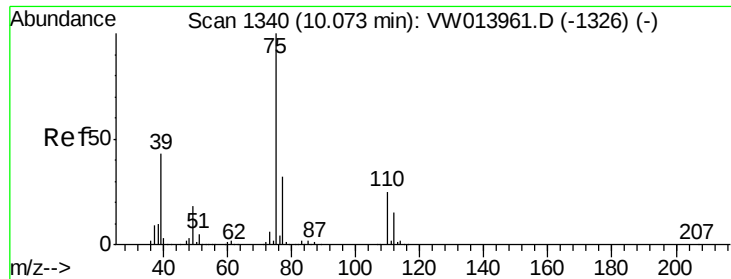
Tgt Ion: 83 Resp: 2781

Ion Ratio Lower Upper

83 100

85 54.3 46.1 85.7





#42

cis-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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ClientSampleId :

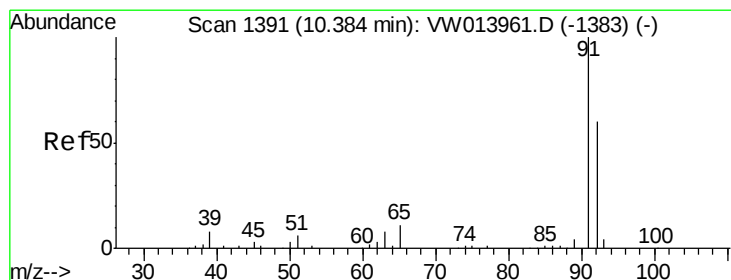
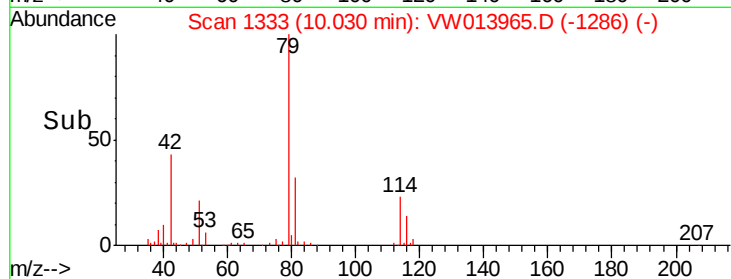
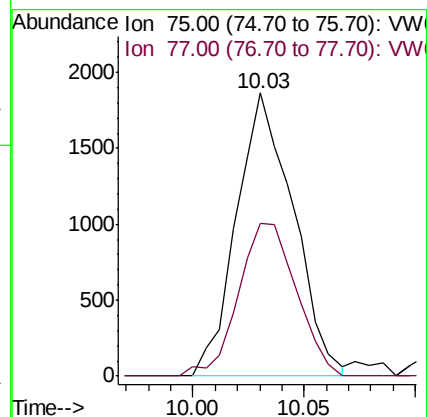
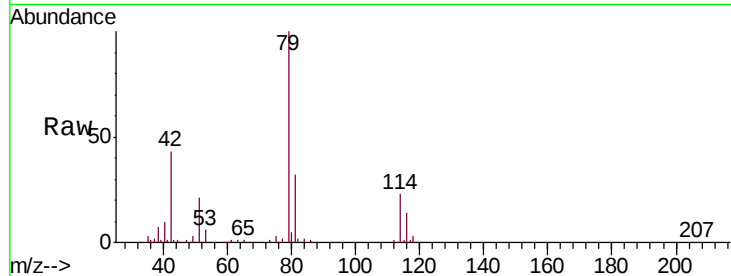
JLNA9

Tgt Ion: 75 Resp: 3307

Ion Ratio Lower Upper

75 100

77 54.2 22.1 41.1#



#44

Toluene

Concen: 0.365 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

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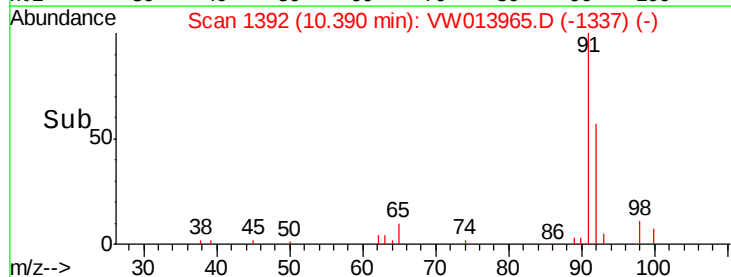
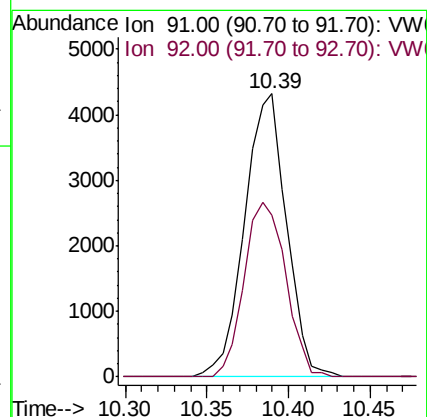
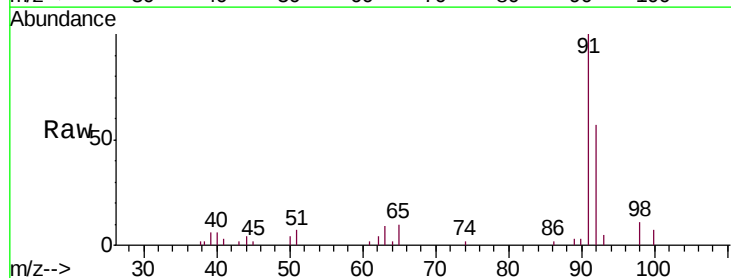
Acq: 11 Nov 2019 17:59

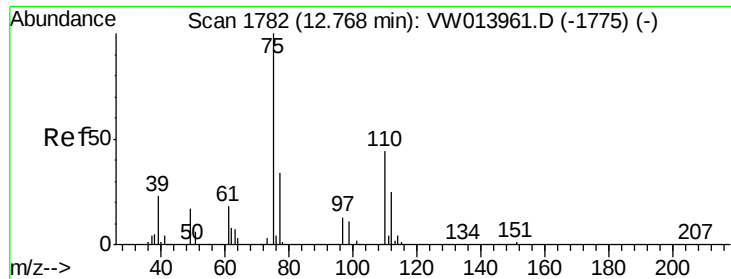
Tgt Ion: 91 Resp: 7741

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.7





#59

1,2,3-Trichloropropane

Concen: 4.260 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Acq: 11 Nov 2019 17:59

Instrument :

MSVOA_W

ClientSampleId :

JLNA9

Tgt Ion: 75 Resp: 12883

Ion Ratio Lower Upper

75 100

77 33.8 25.9 38.9

