

Data File : VW014081.D
Acq On : 19 Nov 2019 13:01
Operator : SY/VA
Sample : K5810-14RE
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLS1

Quant Time: Nov 20 06:02:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 20 05:59:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	268336	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94007	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104300	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.24%
7) Chloroethane-d5	2.89	69	98220	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.68%
10) 1,1-Dichloroethene-d2	4.02	63	170139	16.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.16%
20) 2-Butanone-d5	7.07	46	82814	56.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.76%
24) Chloroform-d	7.64	84	264790	27.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.64%
26) 1,2-Dichloroethane-d4	8.30	65	142515	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.40%
29) Benzene-d6	8.27	84	548829	28.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.32%
33) 1,2-Dichloropropane-d6	9.27	67	172920	31.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.04%#
37) Toluene-d8	10.32	98	469714	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	10.58	79	58878	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.60%
39) 2-Hexanone-d5	10.92	63	61127	57.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126927	30.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	109865	29.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.36%

Target Compounds

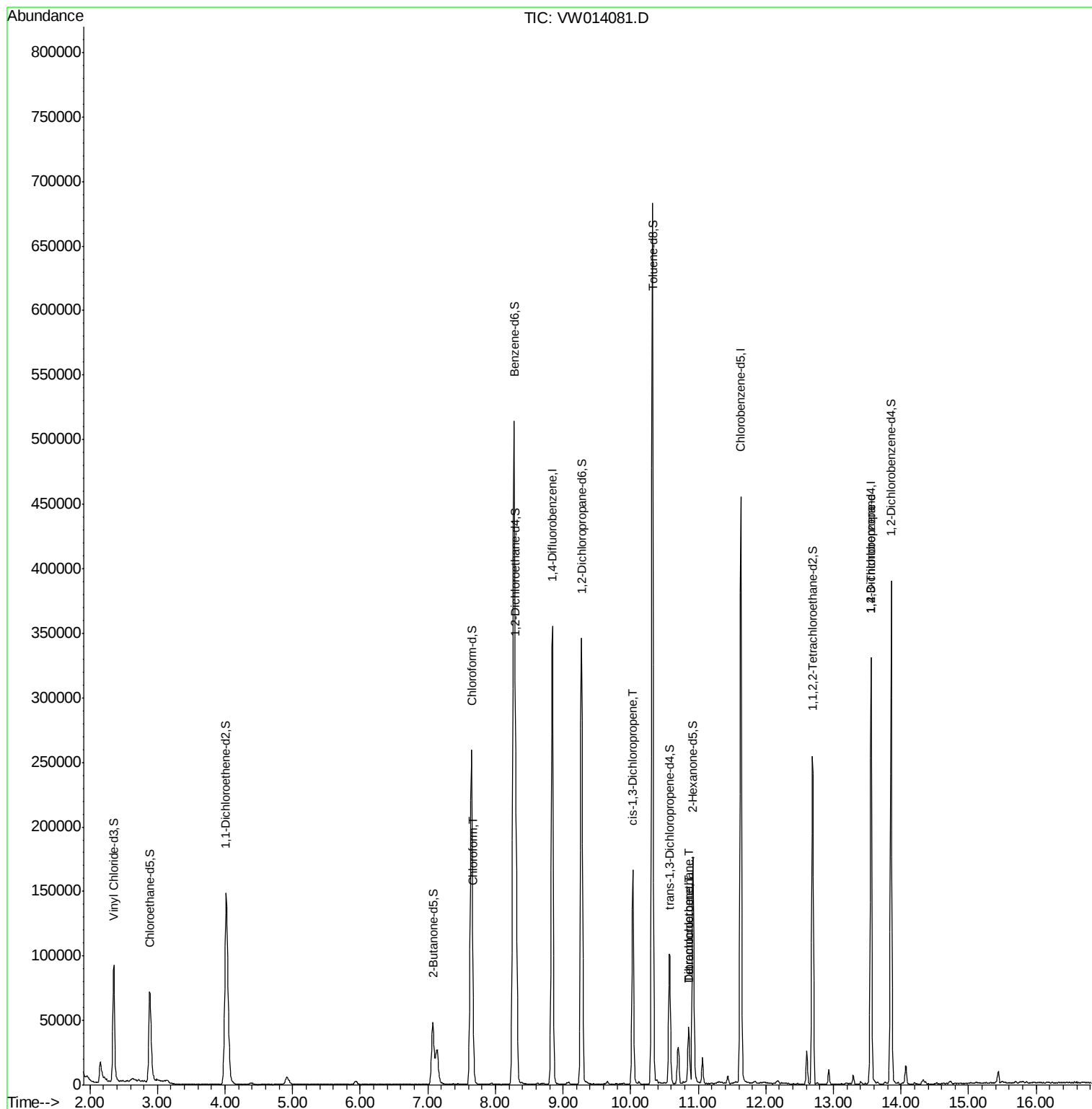
					Qvalue
25) Chloroform	7.67	83	4957	0.542 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	3633	0.486 ug/L #	72
47) Tetrachloroethene	10.86	164	10562	2.257 ug/L	96
50) Dibromochloromethane	10.86	129	8956	2.189 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	9820	3.212 ug/L	94

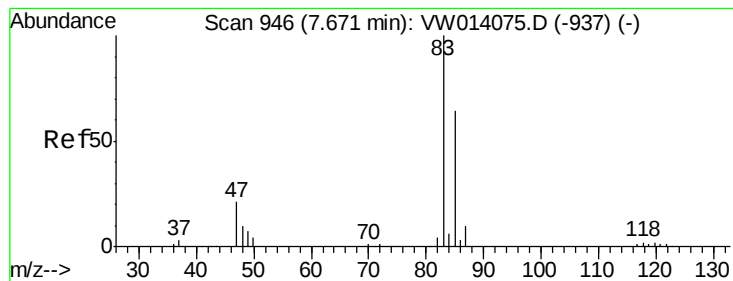
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.542 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

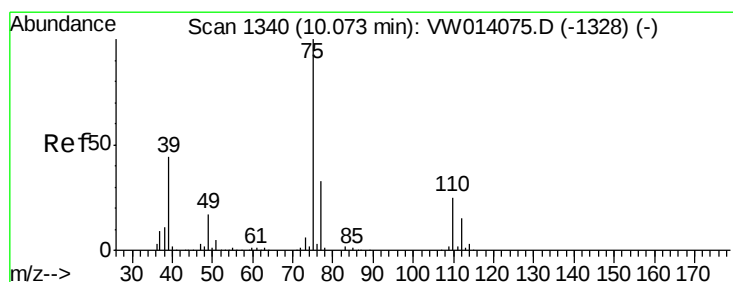
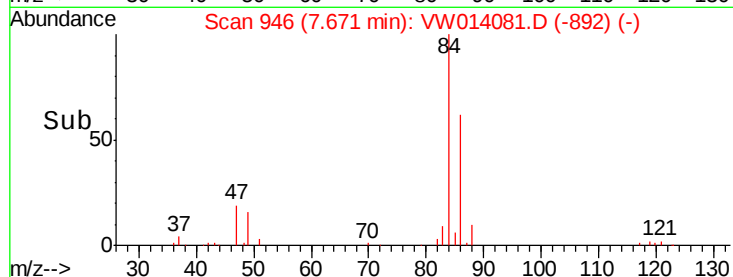
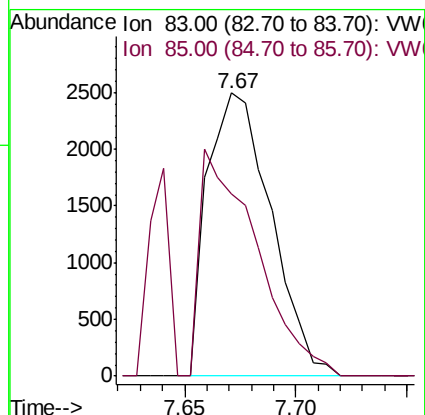
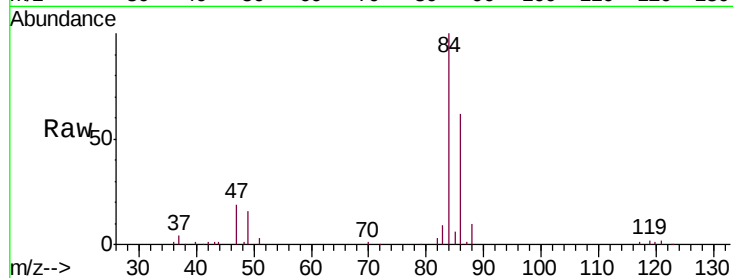
BFLS1

Tgt Ion: 83 Resp: 4957

Ion Ratio Lower Upper

83 100

85 71.8 46.1 85.7



#42

cis-1,3-Dichloropropene

Concen: 0.486 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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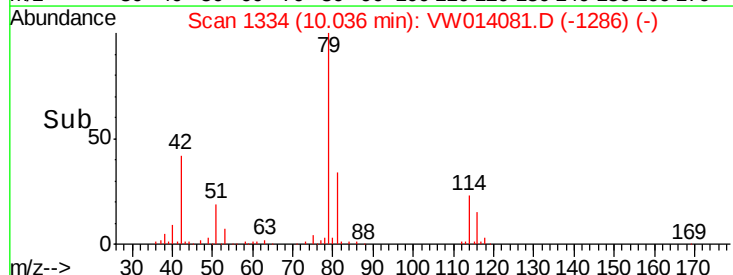
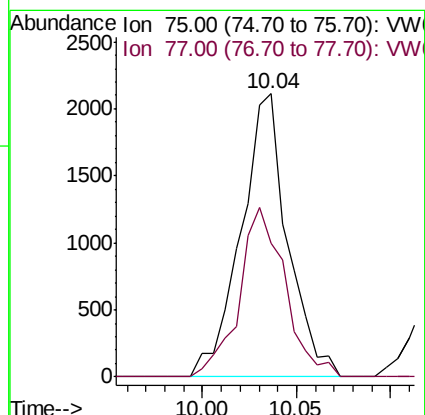
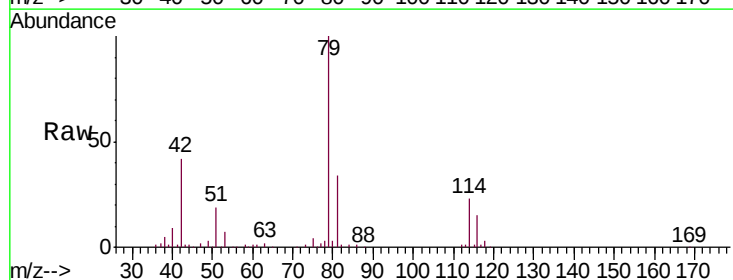
Acq: 19 Nov 2019 13:01

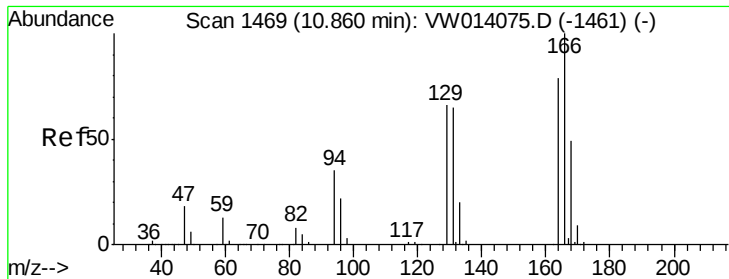
Tgt Ion: 75 Resp: 3633

Ion Ratio Lower Upper

75 100

77 47.0 22.1 41.1#





#47

Tetrachloroethene

Concen: 2.257 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 19 Nov 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

BFLS1

Tgt Ion:164 Resp: 10562

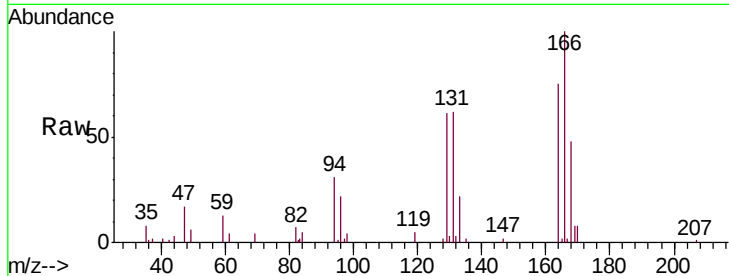
Ion Ratio Lower Upper

164 100

129 81.7 60.6 112.6

131 82.5 59.1 109.7

166 133.9 90.8 168.6

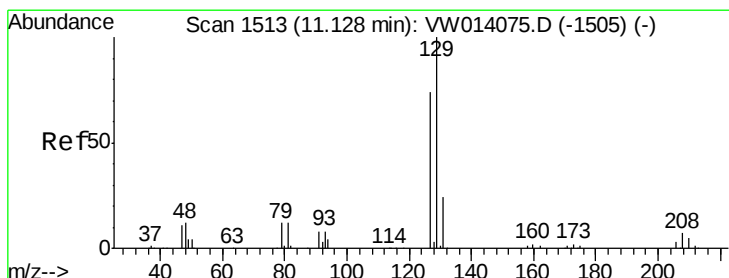
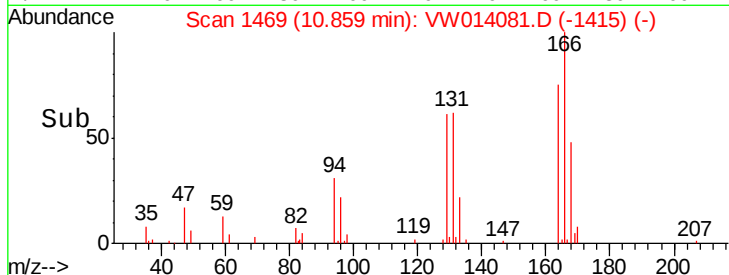
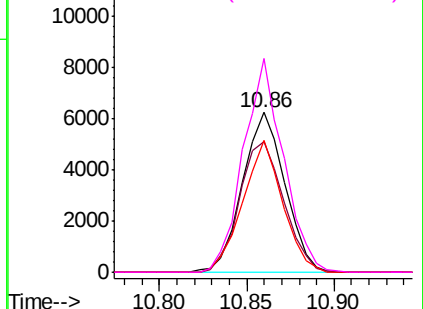


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 2.189 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW014081.D

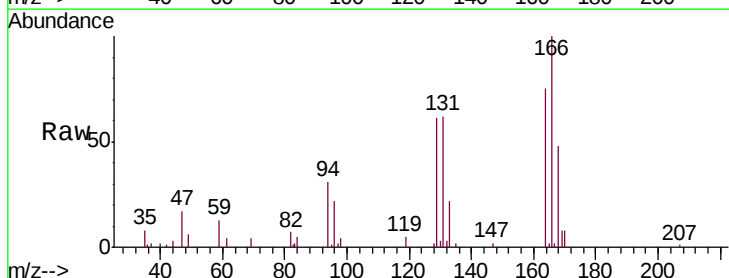
Acq: 19 Nov 2019 13:01

Tgt Ion:129 Resp: 8956

Ion Ratio Lower Upper

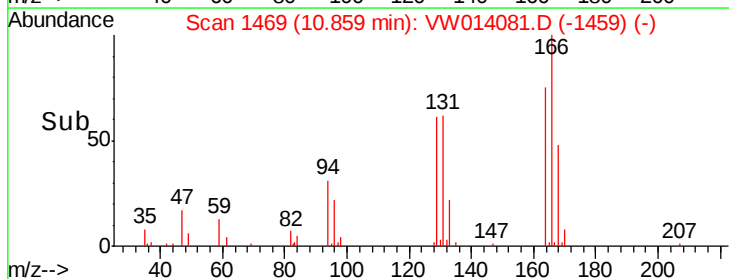
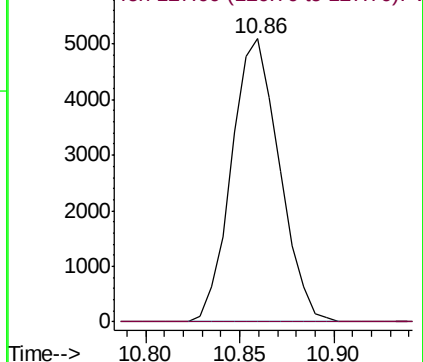
129 100

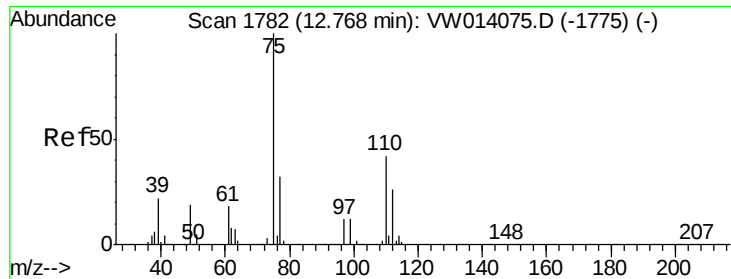
127 0.0 54.9 102.1#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 3.212 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014081.D

Acq: 19 Nov 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

BFLS1

Tgt Ion: 75 Resp: 9820

Ion Ratio Lower Upper

75 100

77 35.9 25.9 38.9

