

Data File : VW014929.D
Acq On : 07 Feb 2020 19:08
Operator : SY/VA
Sample : L1415-10
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F3S45

Quant Time: Feb 08 04:04:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 08 03:59:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	672170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	631953	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	223913	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	199736	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
7) Chloroethane-d5	2.89	69	199894	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.01	63	316790	15.58	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.32%
20) 2-Butanone-d5	7.07	46	127877	40.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.90%
24) Chloroform-d	7.65	84	493674	25.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	8.30	65	295366	27.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.88%
29) Benzene-d6	8.27	84	944093	23.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.92%
33) 1,2-Dichloropropane-d6	9.27	67	345111	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	784411	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.72%
38) trans-1,3-Dichloropropene-	10.57	79	108512	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.92	63	89410	37.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	234854	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	217009	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

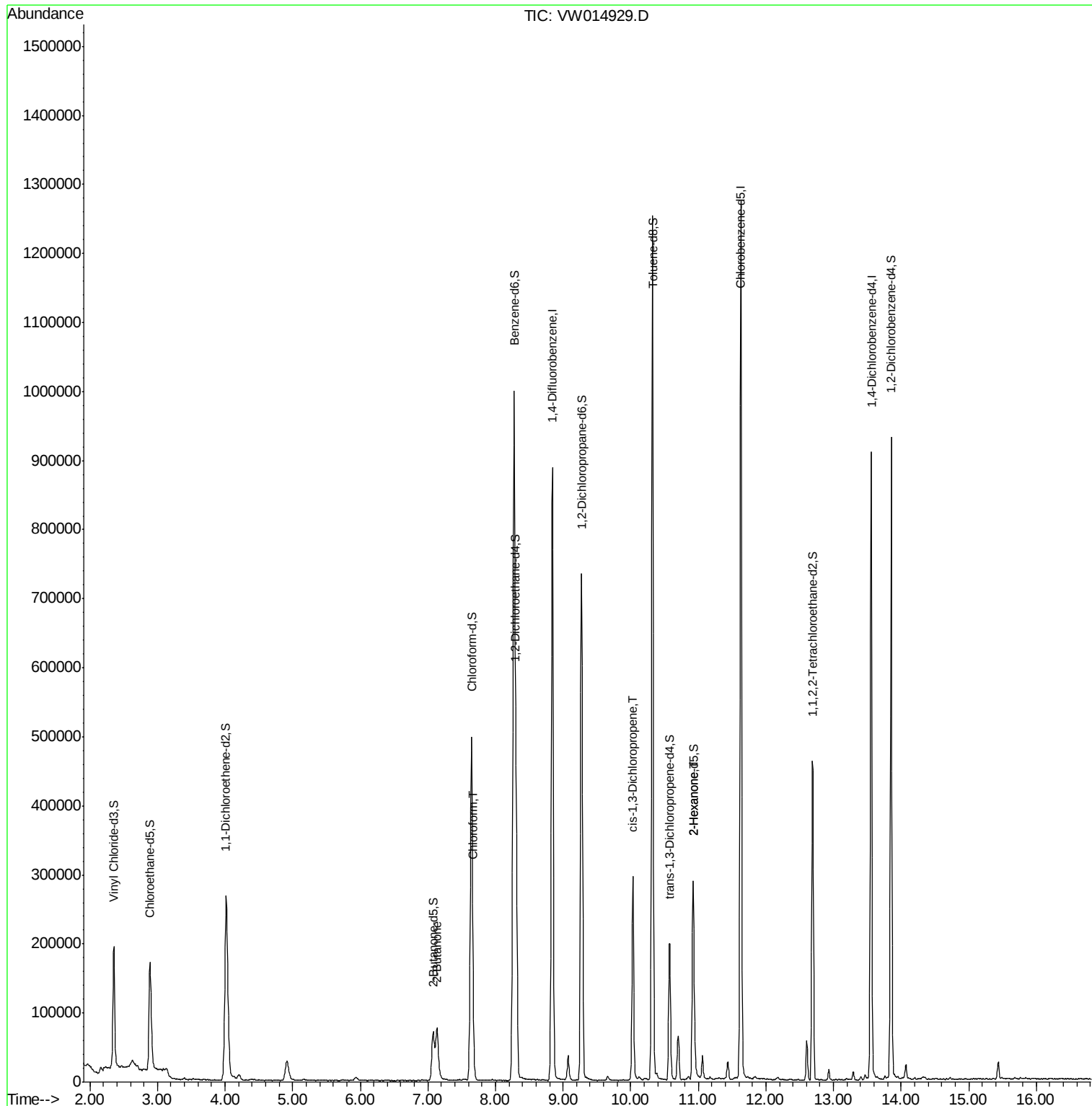
Target Compounds					Qvalue
21) 2-Butanone	7.13	43	9869	2.615 ug/L #	67
25) Chloroform	7.67	83	12997	0.723 ug/L #	58
42) cis-1,3-Dichloropropene	10.04	75	7765	0.470 ug/L #	59
49) 2-Hexanone	10.92	43	11918	2.225 ug/L #	71

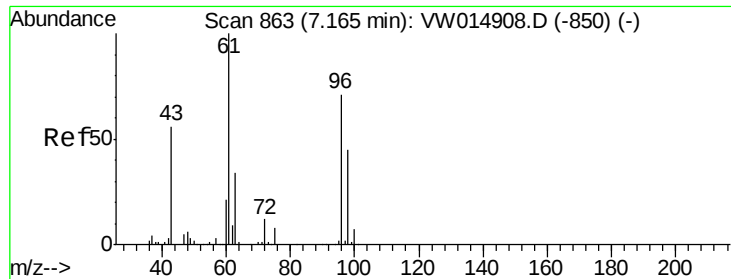
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.615 ug/L

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

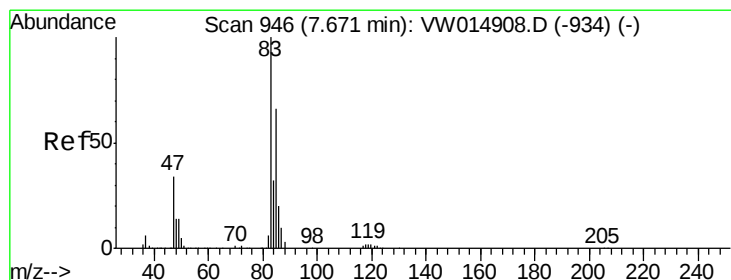
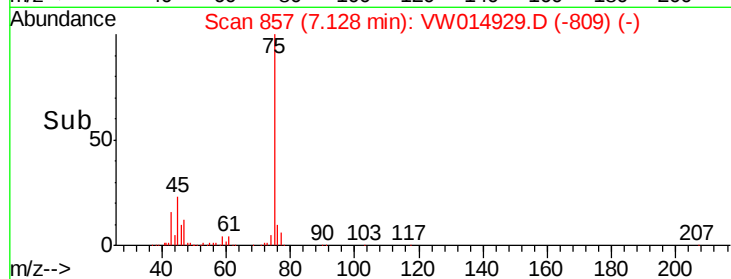
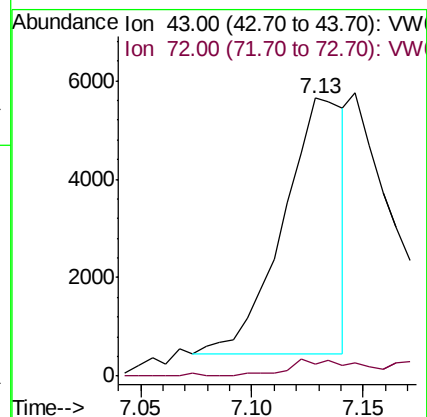
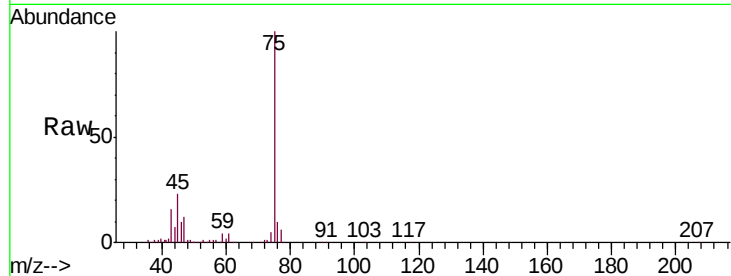
F3S45

Tgt Ion: 43 Resp: 9869

Ion Ratio Lower Upper

43 100

72 7.5 11.9 35.5#



#25

Chloroform

Concen: 0.723 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

Lab File: VW014929.D

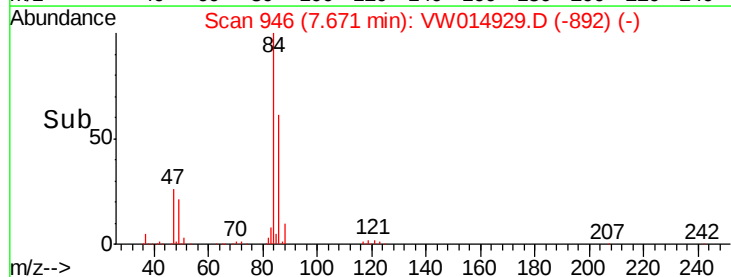
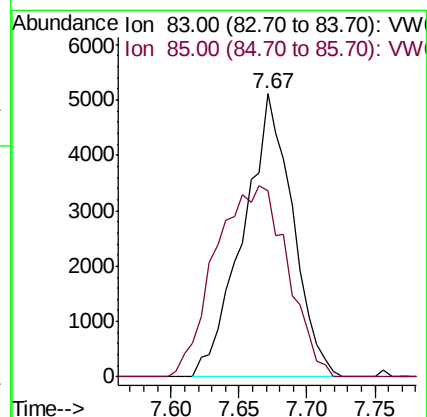
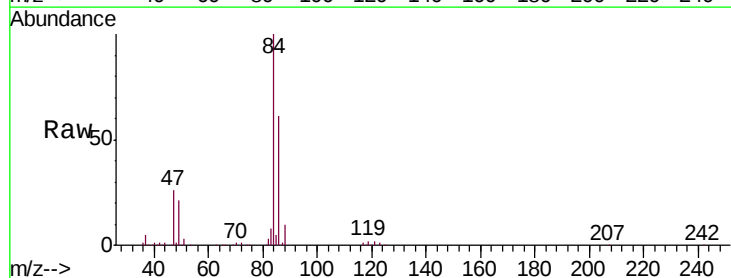
Acq: 07 Feb 2020 19:08

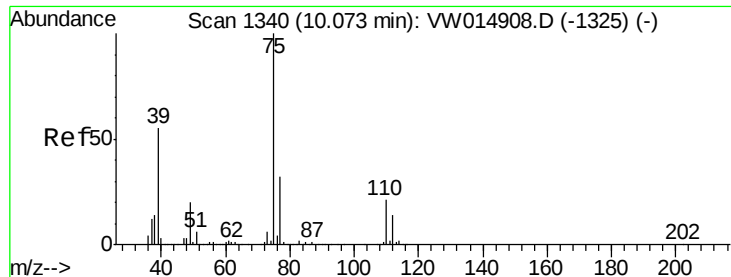
Tgt Ion: 83 Resp: 12997

Ion Ratio Lower Upper

83 100

85 98.1 45.4 84.4#





#42

cis-1,3-Dichloropropene

Concen: 0.470 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 07 Feb 2020 19:08

Instrument :

MSVOA_W

ClientSampled :

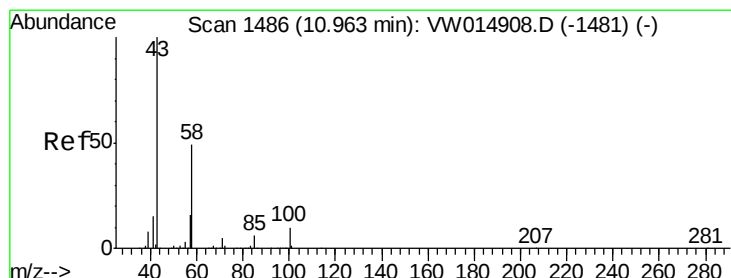
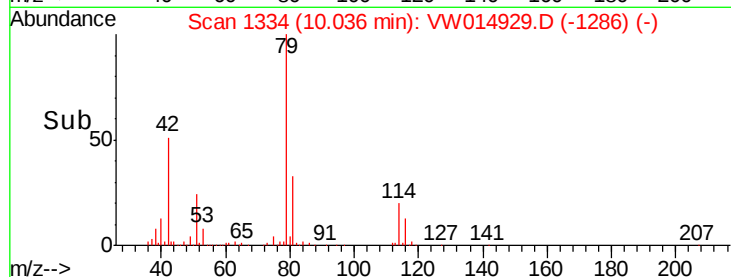
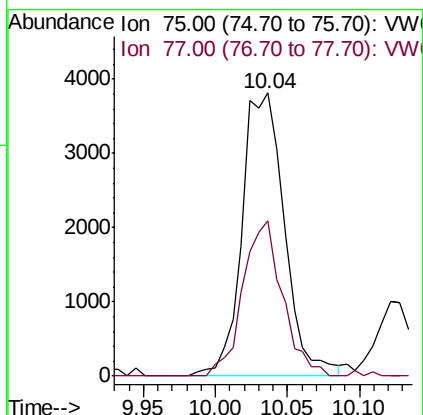
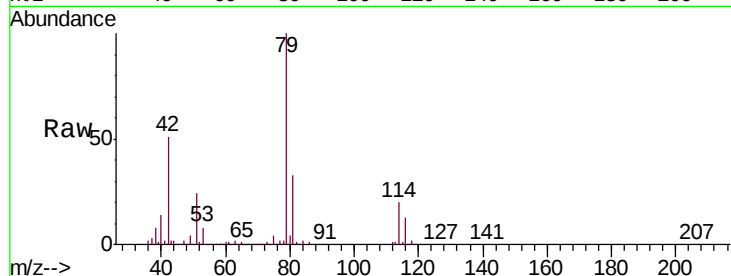
F3S45

Tgt Ion: 75 Resp: 7765

Ion Ratio Lower Upper

75 100

77 55.1 22.5 41.9#



#49

2-Hexanone

Concen: 2.225 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Acq: 07 Feb 2020 19:08

Tgt Ion: 43 Resp: 11918

Ion Ratio Lower Upper

43 100

58 37.6 42.2 63.2#

57 43.9 14.5 21.7#

100 4.9 8.6 12.8#

