

Data File : VW009557.D
Acq On : 29 Mar 2019 01:18
Operator : SY/VA
Sample : K2068-19
Misc : 5.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5J7RE

Quant Time: Mar 29 07:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 07:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	231378	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	188418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	51982	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109704	39.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	158.72%#
7) Chloroethane-d5	2.89	69	103485	31.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.96%
10) 1,1-Dichloroethene-d2	4.01	63	158200	26.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.88%
20) 2-Butanone-d5	7.18	46	246	0.22	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.44%#
24) Chloroform-d	7.65	84	206496	32.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	130.80%
26) 1,2-Dichloroethane-d4	8.30	65	138334	36.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	145.48%#
29) Benzene-d6	8.27	84	365136	35.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.56%#
33) 1,2-Dichloropropane-d6	9.27	67	120604	38.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.56%#
37) Toluene-d8	10.32	98	279923	29.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.52%
38) trans-1,3-Dichloropropene-	10.58	79	31665	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	10.93	63	15995	21.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107223	34.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.52%#
61) 1,2-Dichlorobenzene-d4	13.86	152	60141	30.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.68%#

Target Compounds						Qvalue
16) Methylene chloride	4.91	84	28344	8.400	ug/L	89
21) 2-Butanone	7.14	43	32893	25.405	ug/L #	50
45) trans-1,3-Dichloropropene	10.57	75	1871	0.499	ug/L #	76
49) 2-Hexanone	10.95	43	44265	26.209	ug/L #	53

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

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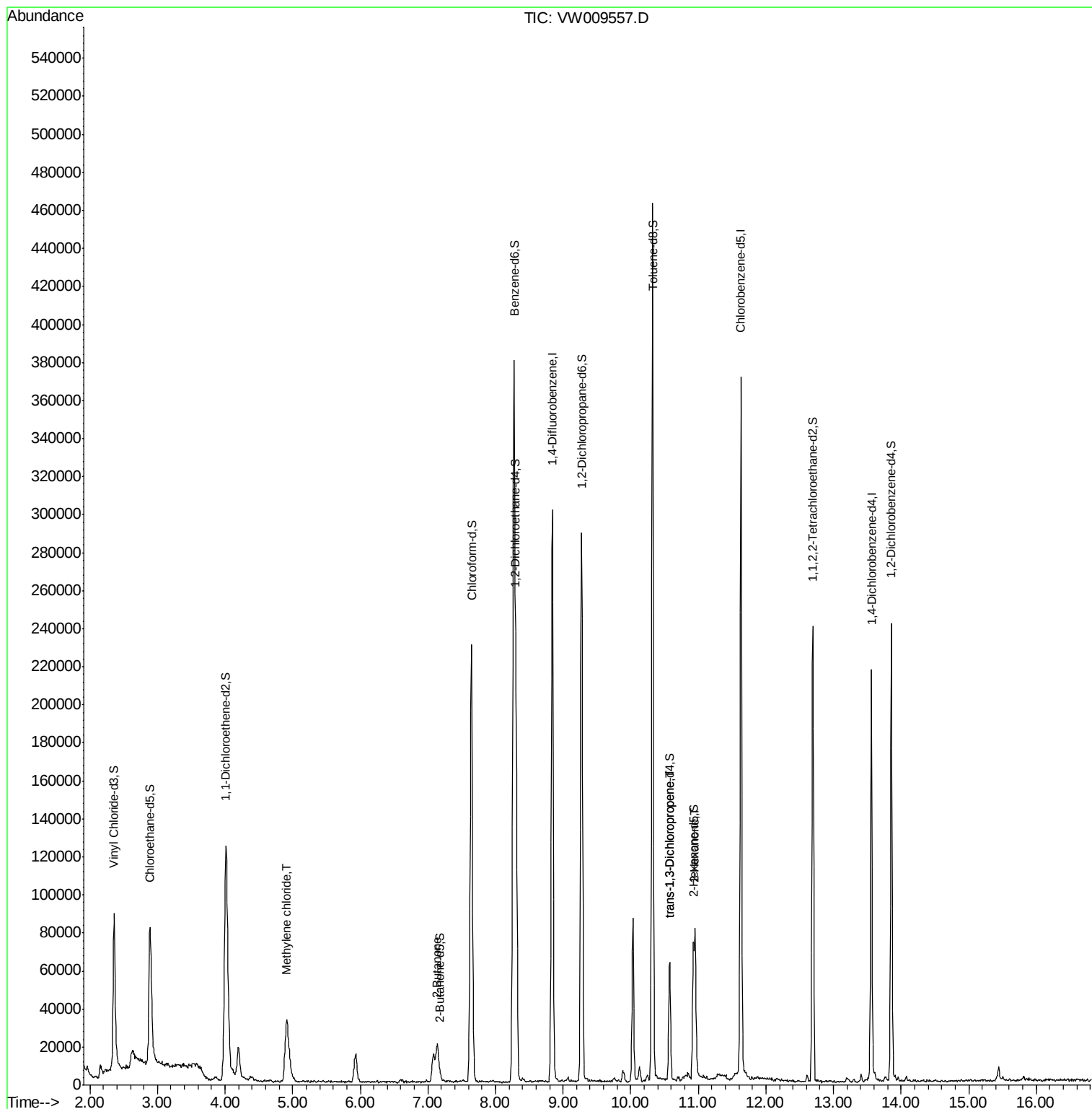
Quant Time: Mar 29 07:45:27 2019

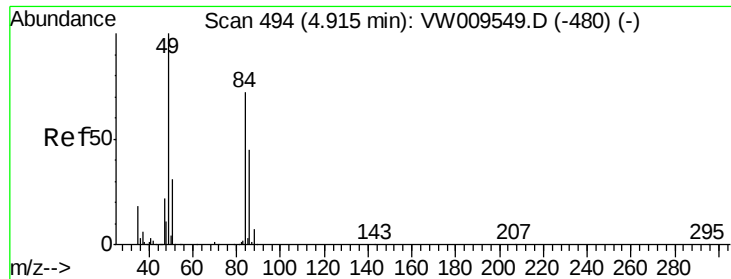
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

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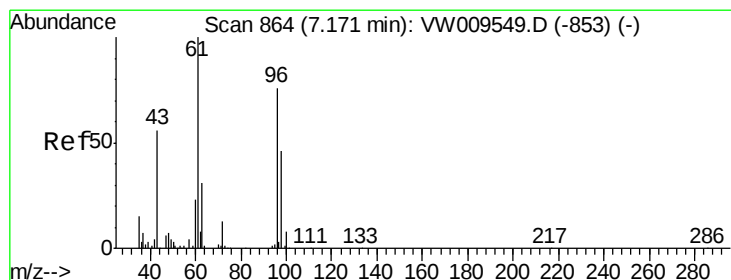
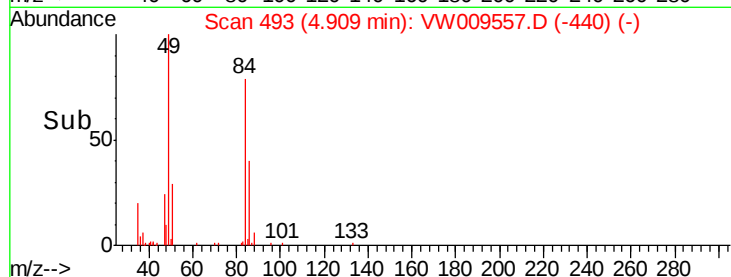
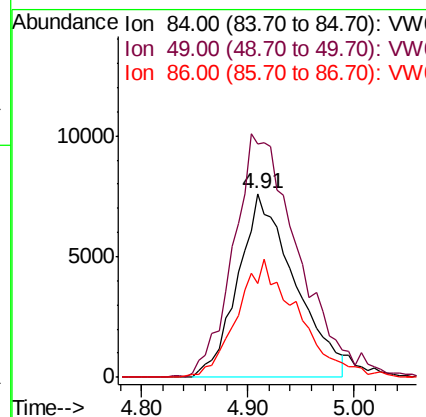
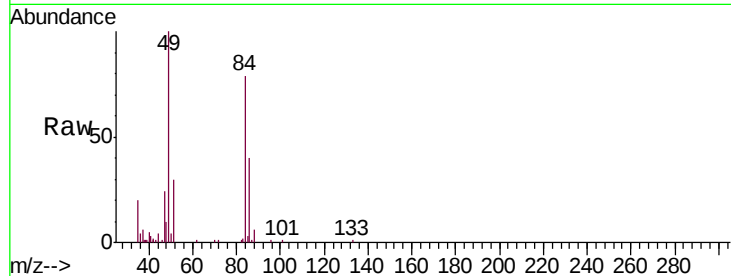




#16
Methylene chloride
Concen: 8.400 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009557.D
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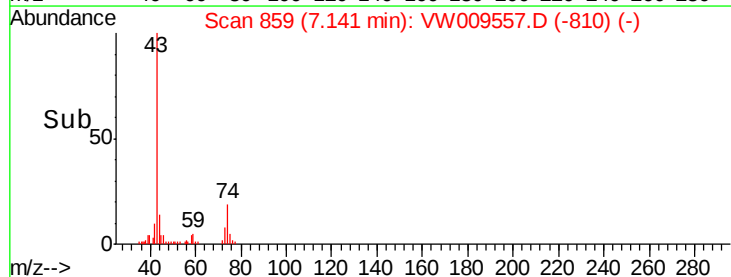
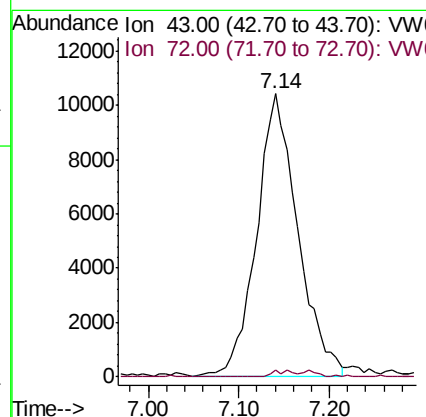
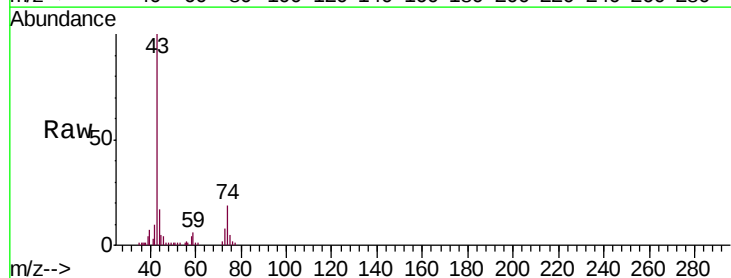
Instrument :
MSVOA_W
ClientSampleId :
BF5J7RE

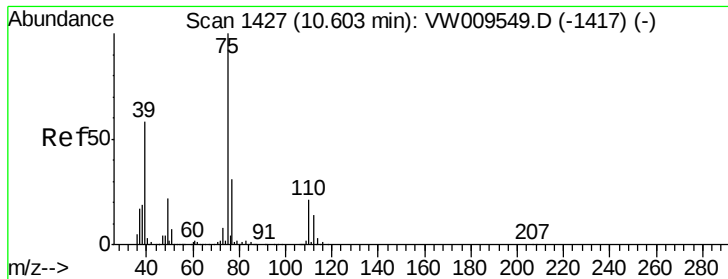
Tgt Ion: 84 Resp: 28344
Ion Ratio Lower Upper
84 100
49 127.2 96.0 178.2
86 51.2 44.4 82.5



#21
2-Butanone
Concen: 25.405 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW009557.D
Acq: 29 Mar 2019 01:18

Tgt Ion: 43 Resp: 32893
Ion Ratio Lower Upper
43 100
72 0.5 13.1 39.1#





#45

trans-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009557.D

Acq: 29 Mar 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

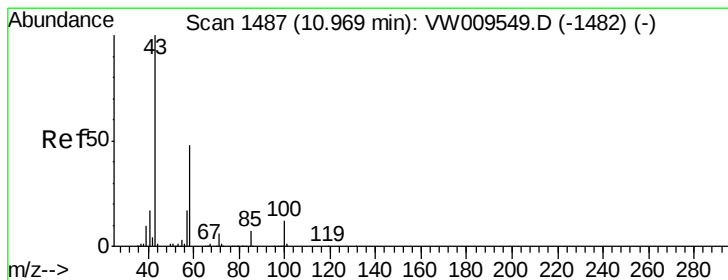
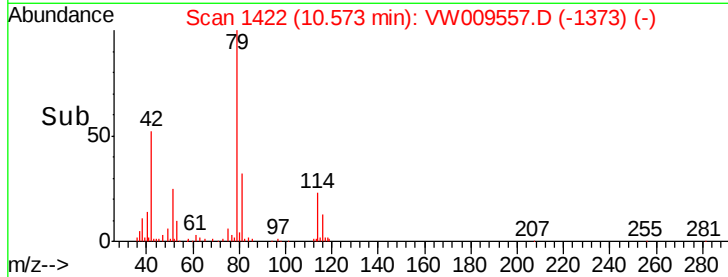
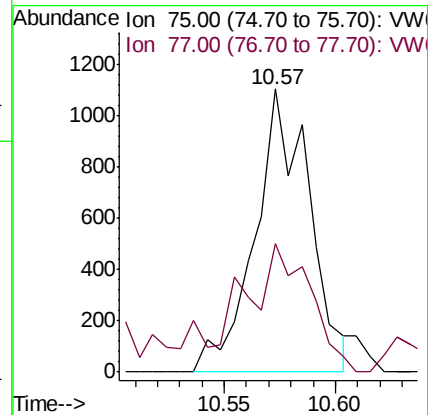
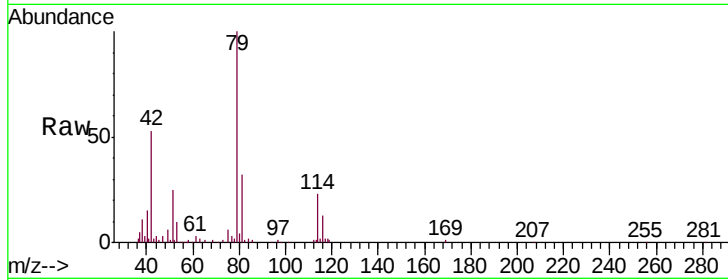
BF5J7RE

Tgt Ion: 75 Resp: 1871

Ion Ratio Lower Upper

75 100

77 45.4 22.5 41.7#



#49

2-Hexanone

Concen: 26.209 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW009557.D

Acq: 29 Mar 2019 01:18

Tgt Ion: 43 Resp: 44265

Ion Ratio Lower Upper

43 100

58 11.7 39.2 58.8#

57 1.7 14.2 21.2#

100 0.8 8.9 13.3#

