

Data File : VW009651.D
Acq On : 02 Apr 2019 12:43
Operator : SY/VA
Sample : K2119-11
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5A5

Quant Time: Apr 03 04:11:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 04:08:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123554	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	118228	17.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.44%
10) 1,1-Dichloroethene-d2	4.01	63	197738	16.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	78689	33.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.28%
24) Chloroform-d	7.64	84	283138	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	164963	21.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.80%
29) Benzene-d6	8.27	84	501578	20.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.40%
33) 1,2-Dichloropropane-d6	9.27	67	161291	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.16%
37) Toluene-d8	10.32	98	436520	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.64%
38) trans-1,3-Dichloropropene-	10.58	79	66640	17.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.72%
39) 2-Hexanone-d5	10.93	63	52360	29.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133608	18.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	166736	21.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.84%

Target Compounds

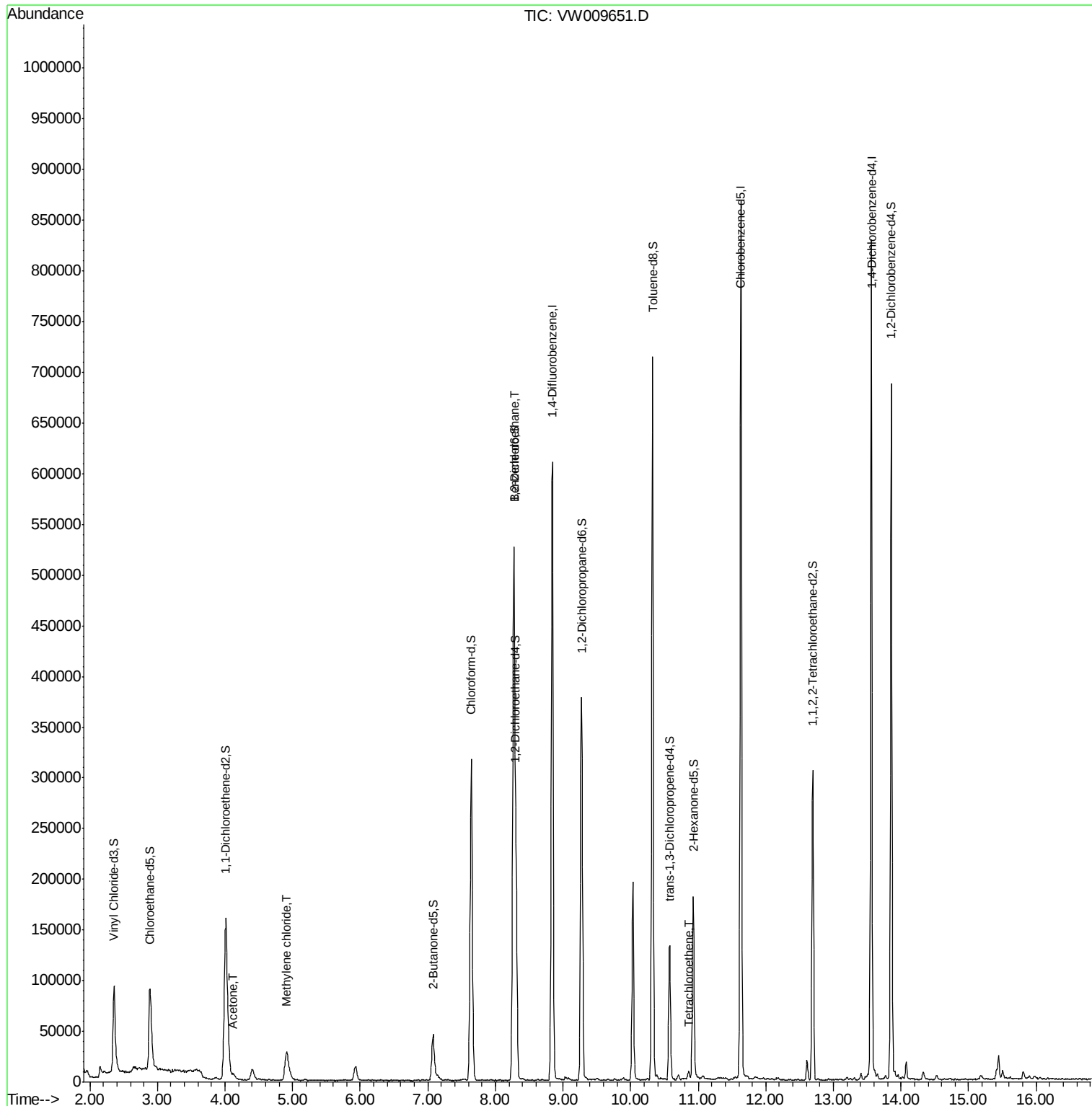
					Qvalue
13) Acetone	4.12	43	4457	2.323 ug/L	89
16) Methylene chloride	4.91	84	14473	2.097 ug/L	89
27) 1,2-Dichloroethane	8.27	62	3963	0.454 ug/L	99
47) Tetrachloroethene	10.87	164	1329	0.241 ug/L #	75

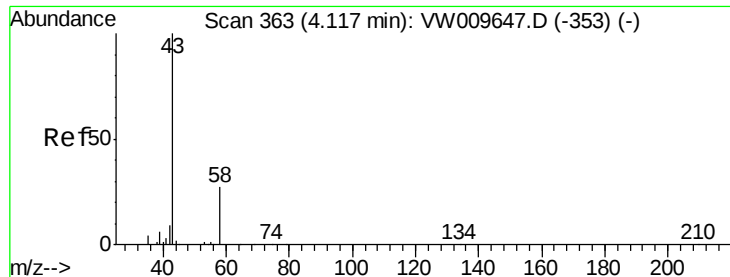
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.323 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

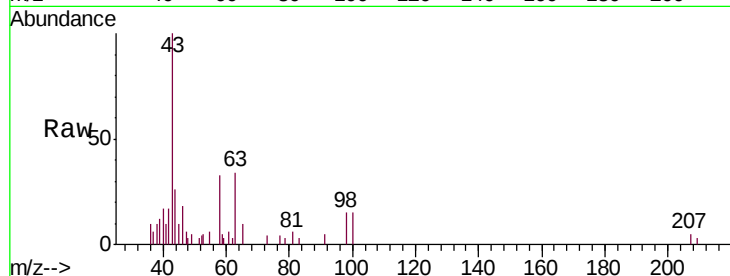
BF5A5

Tgt Ion: 43 Resp: 4457

Ion Ratio Lower Upper

43 100

58 22.4 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

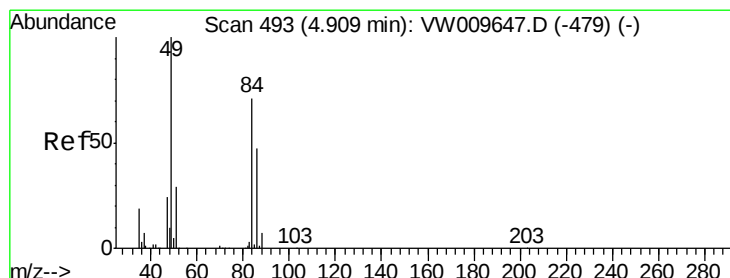
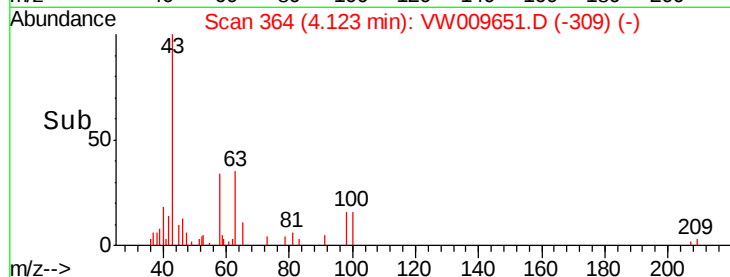
1500

1000

500

0

Time-->



#16

Methylene chloride

Concen: 2.097 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

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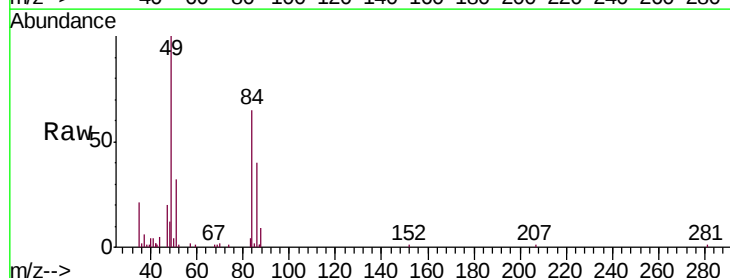
Tgt Ion: 84 Resp: 14473

Ion Ratio Lower Upper

84 100

49 154.8 96.0 178.2

86 61.9 44.4 82.5



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.91

12000

10000

8000

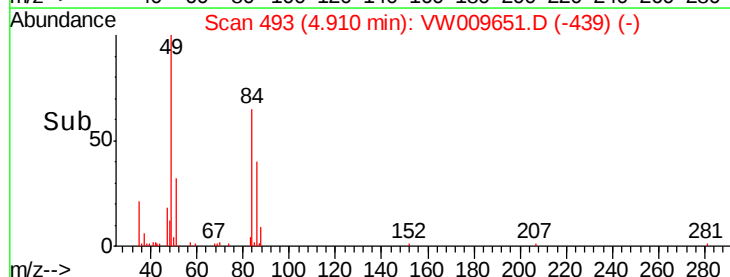
6000

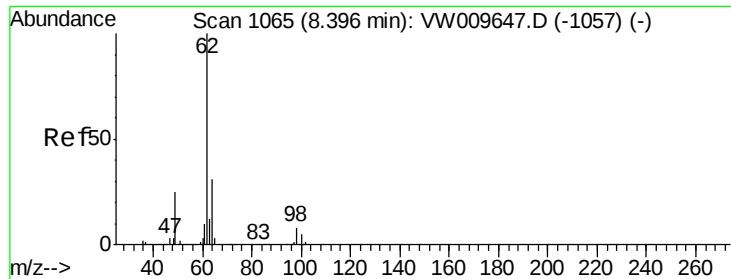
4000

2000

0

Time-->

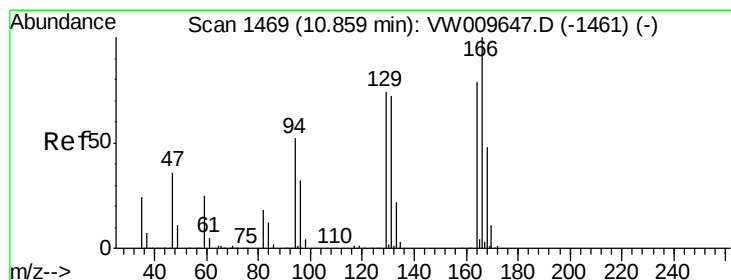
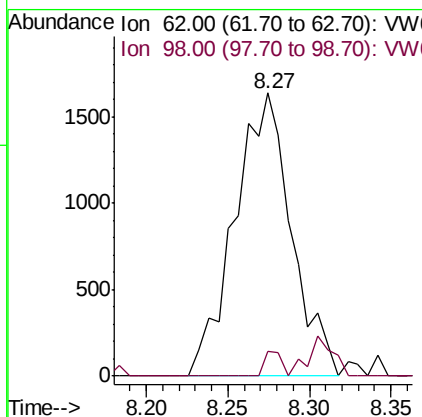
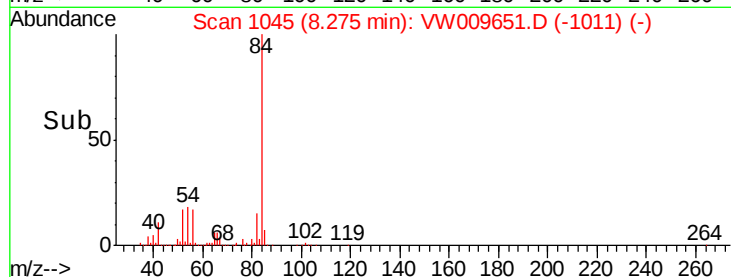
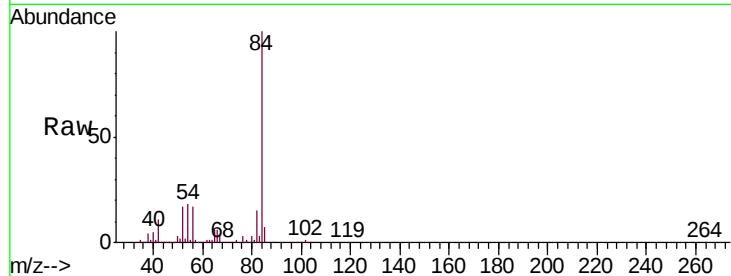




#27
 1,2-Dichloroethane
 Concen: 0.454 ug/L
 RT: 8.27 min Scan# 1045
 Delta R.T. -0.12 min
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Tgt Ion: 62 Resp: 3963
 Ion Ratio Lower Upper
 62 100
 98 8.8 7.3 10.9



#47
 Tetrachloroethene
 Concen: 0.241 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW009651.D
 Acq: 02 Apr 2019 12:43

Tgt Ion: 164 Resp: 1329
 Ion Ratio Lower Upper
 164 100
 129 88.6 66.5 123.5
 131 56.7 62.6 116.3#
 166 92.7 91.6 170.0

