

Data File : VW009653.D
Acq On : 02 Apr 2019 14:16
Operator : SY/VA
Sample : K2168-02
Misc : 6.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF643

Quant Time: Apr 03 04:11:42 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	423204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	167570	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	104634	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.76%
7) Chloroethane-d5	2.89	69	100627	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
10) 1,1-Dichloroethene-d2	4.01	63	163823	14.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.96%
20) 2-Butanone-d5	7.07	46	79801	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	7.64	84	248927	21.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	8.53	65	103	0.01	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	428071	19.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.40%
33) 1,2-Dichloropropane-d6	9.27	67	140424	21.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.52%
37) Toluene-d8	10.32	98	367716	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.92%
38) trans-1,3-Dichloropropene-	10.58	79	57515	17.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.96%
39) 2-Hexanone-d5	10.92	63	50028	31.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130084	19.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	135256	21.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.20%

Target Compounds

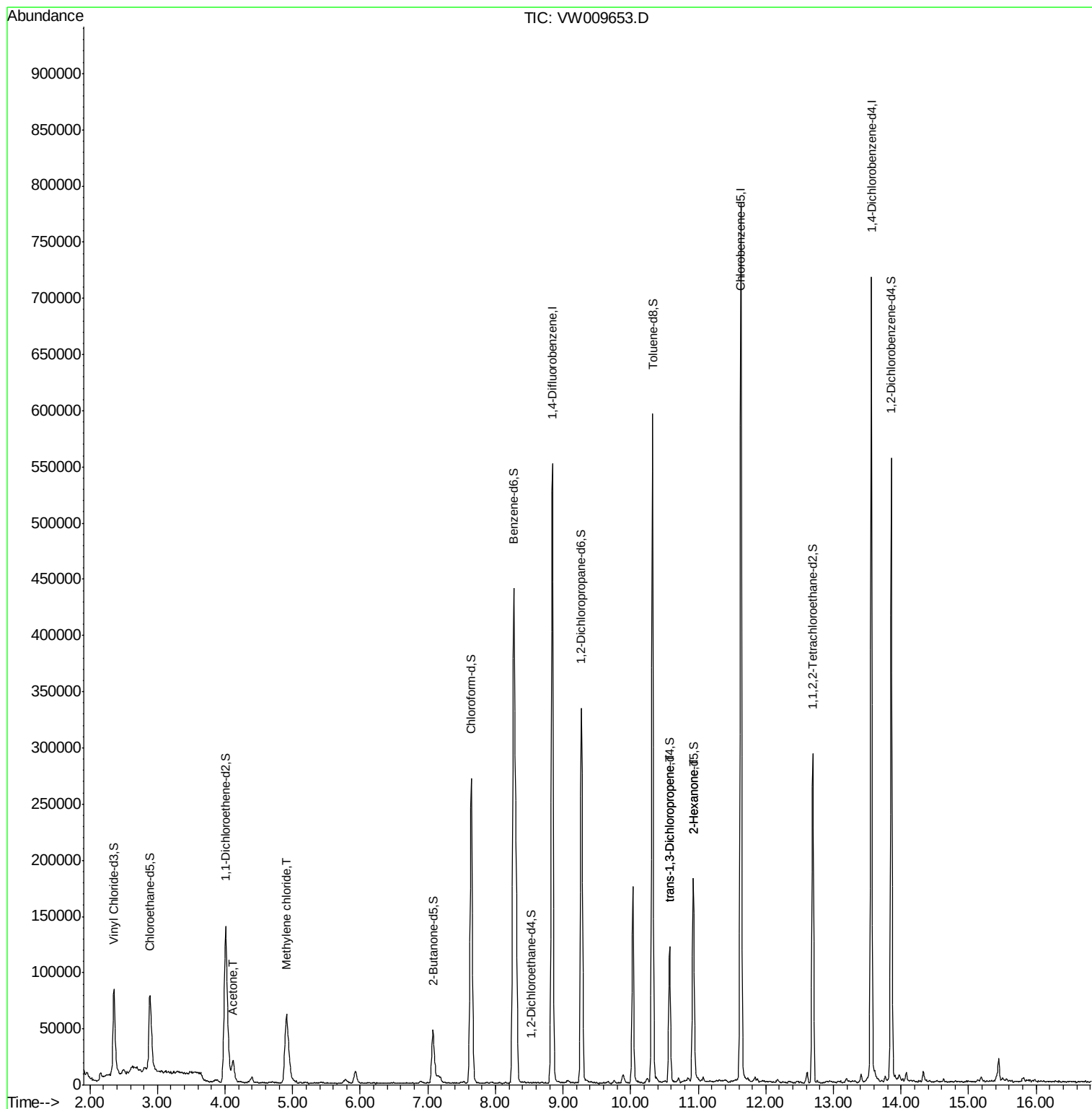
					Qvalue
13) Acetone	4.12	43	31154	18.164	ug/L 100
16) Methylene chloride	4.92	84	54361	8.808	ug/L 96
45) trans-1,3-Dichloropropene	10.58	75	3351	0.420	ug/L 99
49) 2-Hexanone	10.93	43	9785	2.721	ug/L # 84

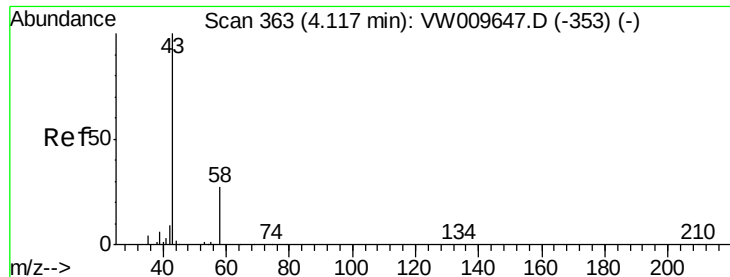
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 18.164 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

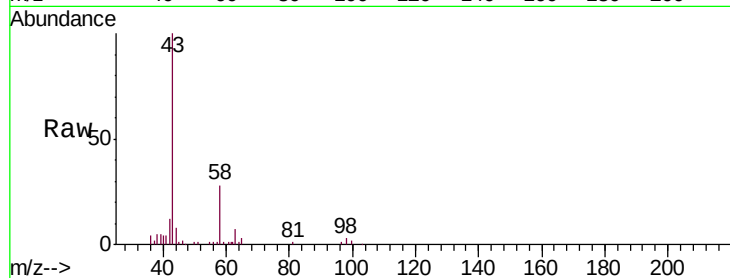
BF643

Tgt Ion: 43 Resp: 31154

Ion Ratio Lower Upper

43 100

58 27.9 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

4000

2000

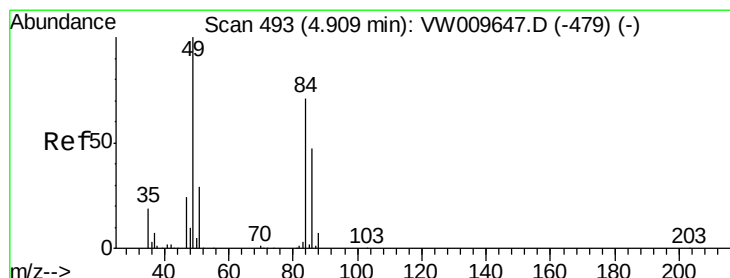
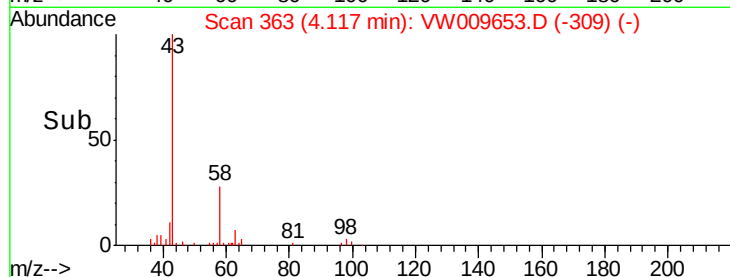
0

4.00

4.10

4.20

Time-->



#16

Methylene chloride

Concen: 8.808 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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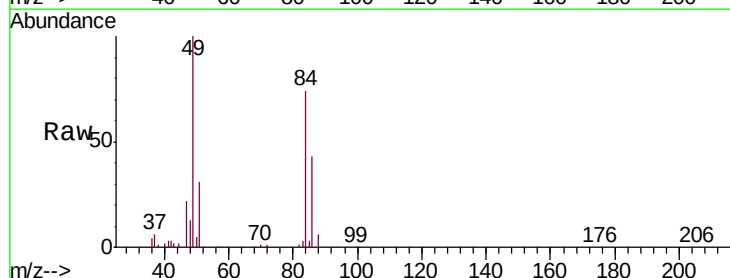
Tgt Ion: 84 Resp: 54361

Ion Ratio Lower Upper

84 100

49 134.3 96.0 178.2

86 57.6 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

25000

20000

15000

10000

5000

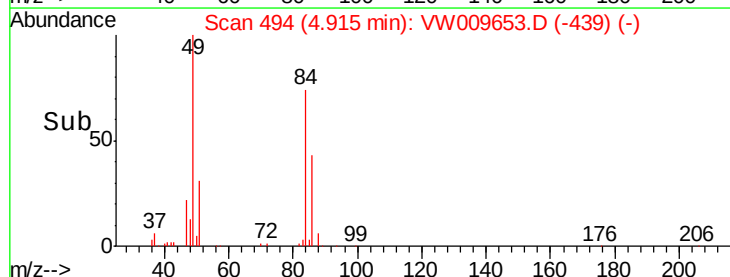
0

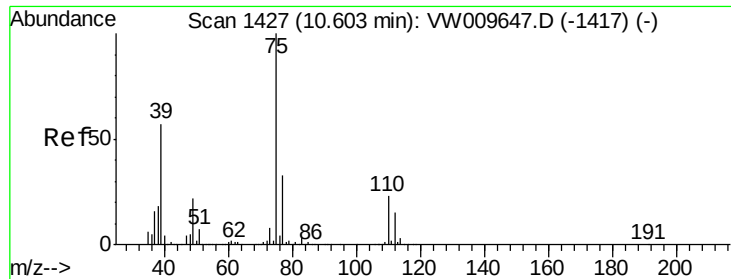
4.80

4.90

5.00

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.420 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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MSVOA_W

ClientSampleId :

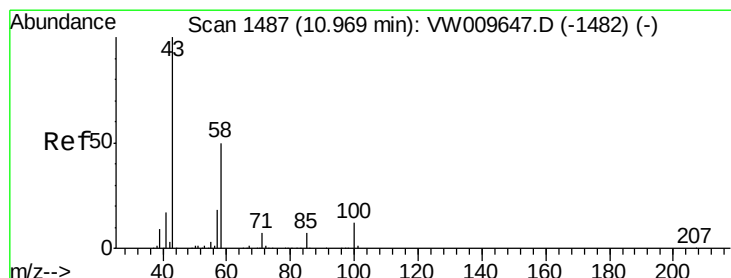
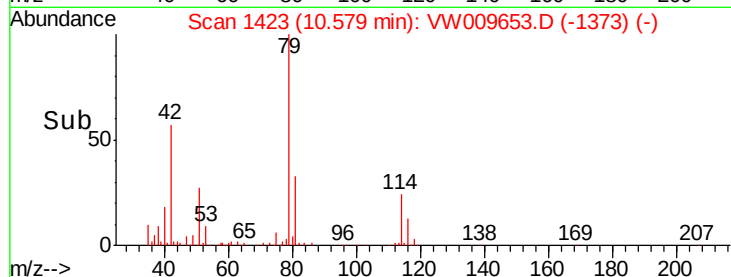
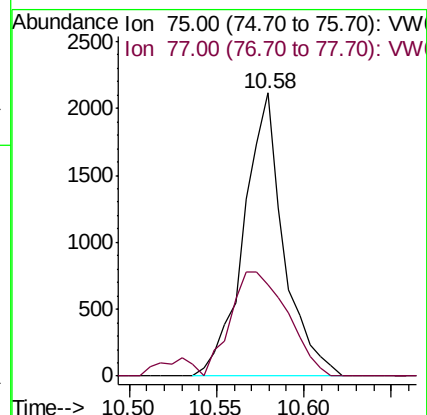
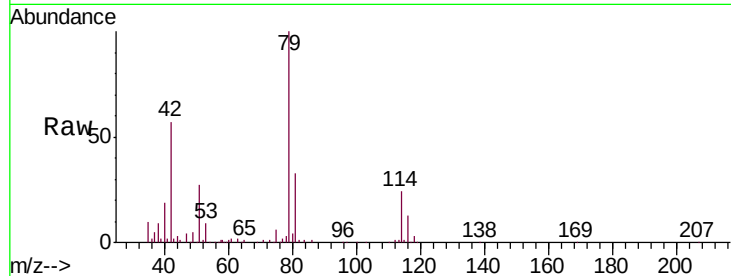
BF643

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.7



#49

2-Hexanone

Concen: 2.721 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW009653.D

Acq: 02 Apr 2019 14:16

Tgt Ion: 43 Resp: 9785

Ion Ratio Lower Upper

43 100

58 40.9 39.2 58.8

57 28.4 14.2 21.2#

100 4.4 8.9 13.3#

