

Data File : VV010859.D
Acq On : 14 May 2019 13:47
Operator : SY/MD
Sample : K2737-22
Misc : 5.16G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB870

Quant Time: May 15 06:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 06:52:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123379	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	121197	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	48967	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27067	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.88%
7) Chloroethane-d5	1.58	69	20948	20.45	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	2.13	63	39944	13.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.72%
20) 2-Butanone-d5	3.94	46	13974	28.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.52%
24) Chloroform-d	4.40	84	70791	19.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.48%
26) 1,2-Dichloroethane-d4	5.08	65	40762	20.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.52%
29) Benzene-d6	5.10	84	142513	21.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.96%
33) 1,2-Dichloropropane-d6	6.12	67	46467	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.84%
37) Toluene-d8	7.36	98	121926	18.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.64%
38) trans-1,3-Dichloropropene-	7.66	79	14375	15.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.60%
39) 2-Hexanone-d5	8.13	63	9988	24.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	32844	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	45415	22.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.80%

Target Compounds

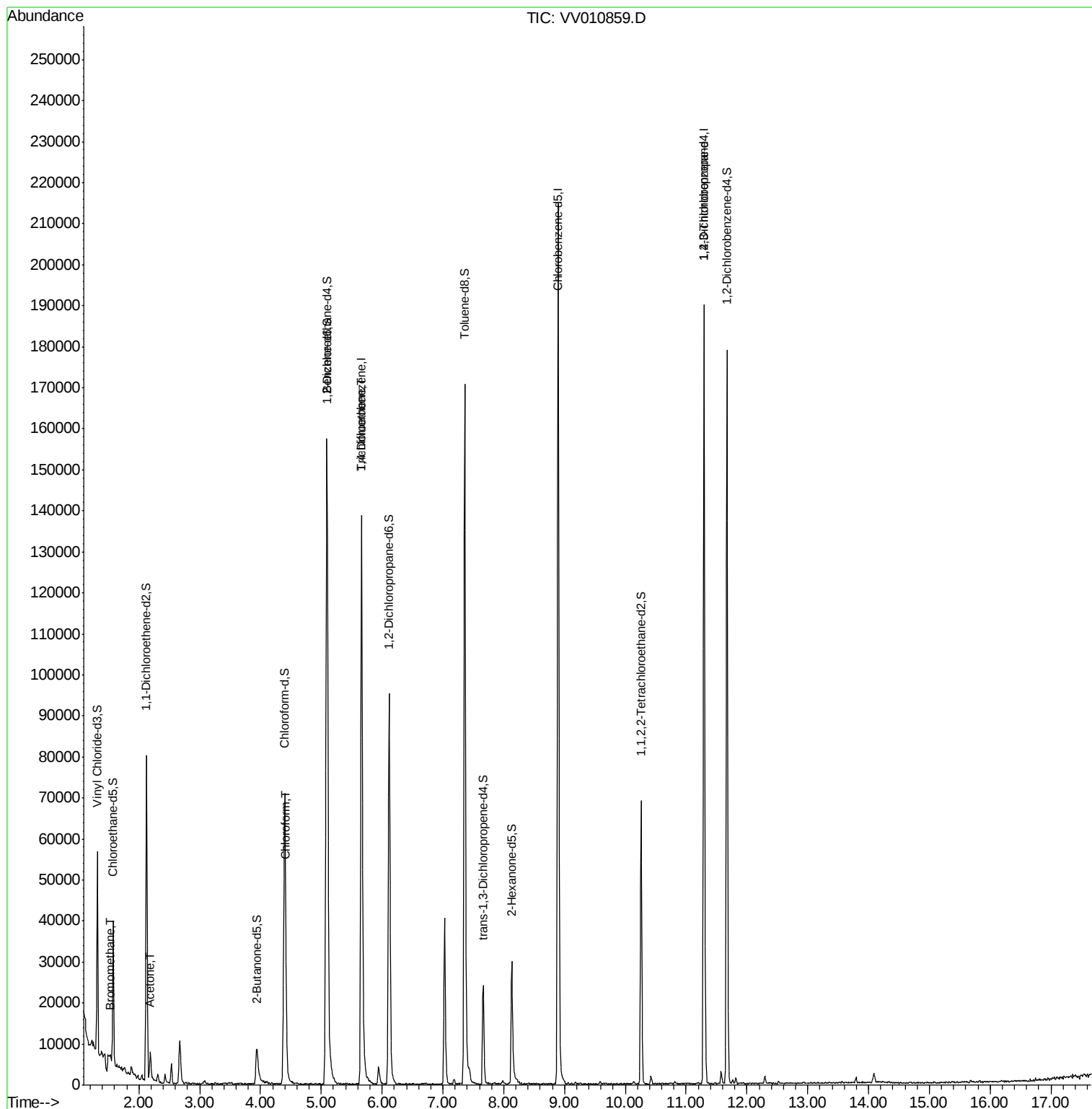
					Qvalue
6) Bromomethane	1.53	94	579	1.413 ug/L	98
13) Acetone	2.19	43	5347	10.615 ug/L	100
25) Chloroform	4.42	83	2827	0.795 ug/L #	51
35) Trichloroethene	5.66	95	3537	1.932 ug/L #	5
59) 1,2,3-Trichloropropane	11.30	75	6359	4.289 ug/L	94

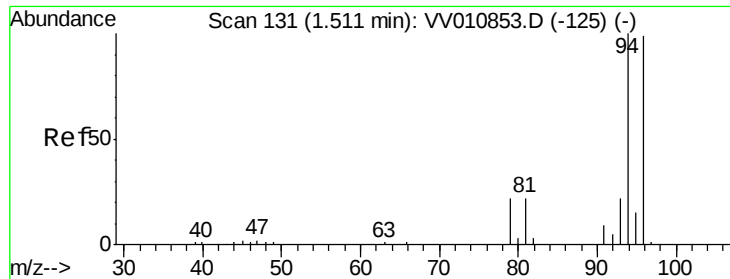
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.413 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.02 min

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Acq: 14 May 2019 13:47

Instrument :

MSVOA_V

ClientSampled :

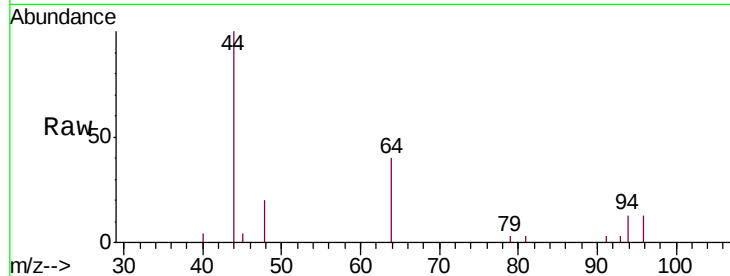
DB870

Tgt Ion: 94 Resp: 579

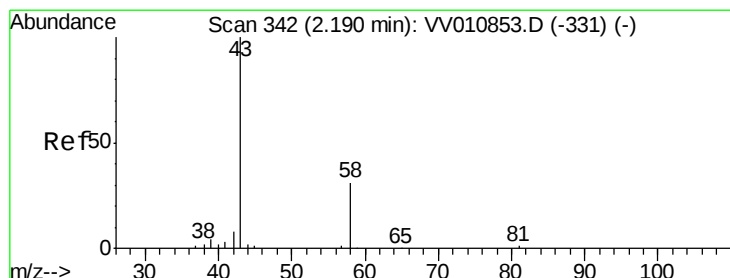
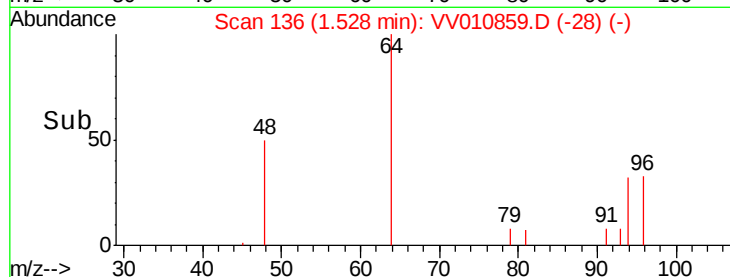
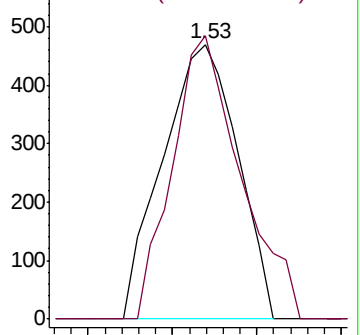
Ion Ratio Lower Upper

94 100

96 94.1 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010859.D (-125) (-)



#13

Acetone

Concen: 10.615 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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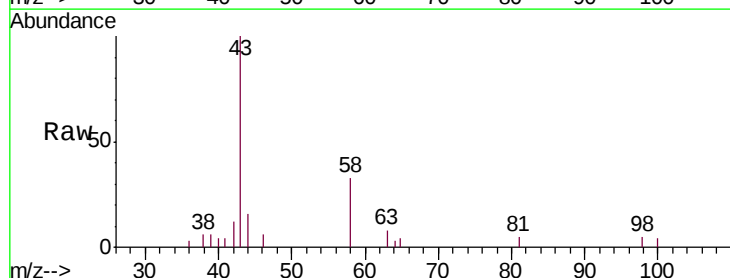
Acq: 14 May 2019 13:47

Tgt Ion: 43 Resp: 5347

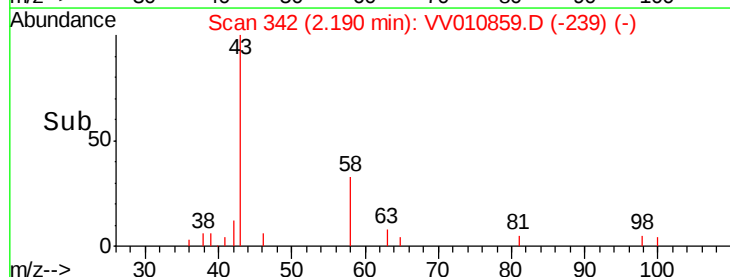
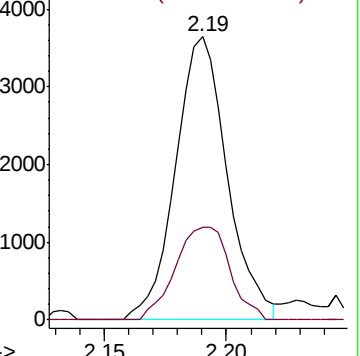
Ion Ratio Lower Upper

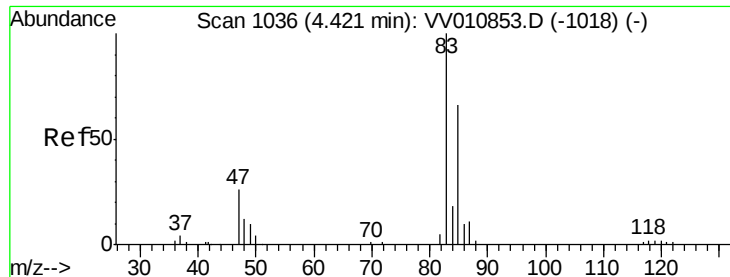
43 100

58 34.6 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010859.D (-331) (-)





#25

Chloroform

Concen: 0.795 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

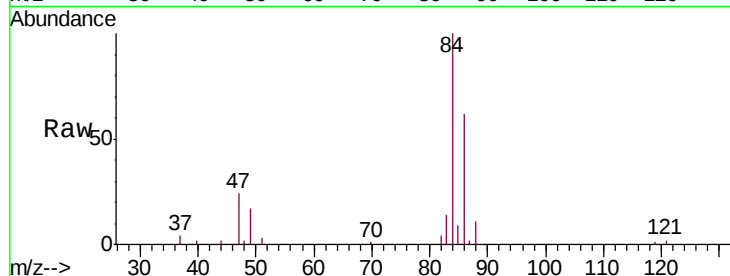
DB870

Tgt Ion: 83 Resp: 2827

Ion Ratio Lower Upper

83 100

85 26.1 45.3 84.1#



Abundance Ion 83.00 (82.70 to 83.70): VV010859.D (-933) (-)

Ion 85.00 (84.70 to 85.70): VV010859.D (-933) (-)

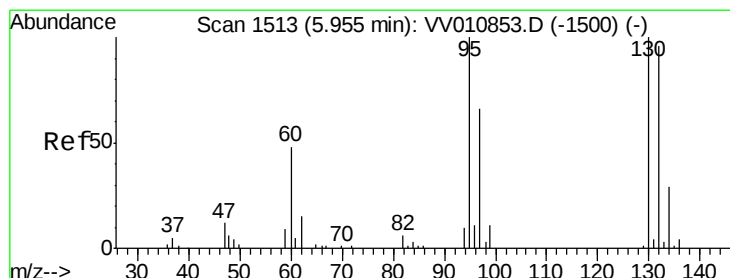
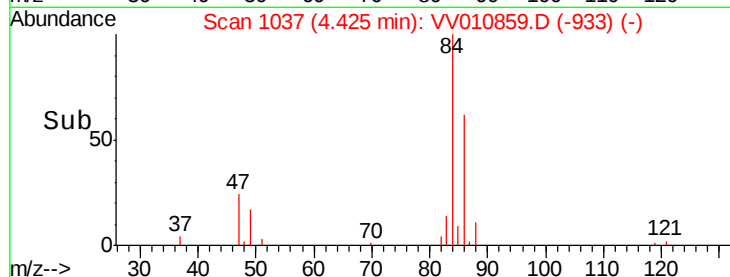
4.42

1000

500

0

Time--> 4.35 4.40 4.45 4.50



#35

Trichloroethene

Concen: 1.932 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV010859.D

Acq: 14 May 2019 13:47

Tgt Ion: 95 Resp: 3537

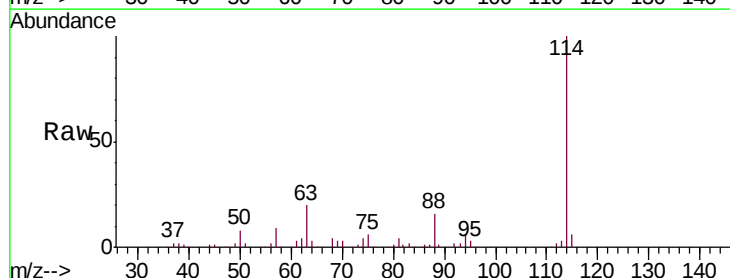
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 67.4 125.2#

130 0.0 68.5 127.1#



Abundance Ion 95.00 (94.70 to 95.70): VV010859.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV010859.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV010859.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV010859.D (-1410) (-)

5.66

2500

2000

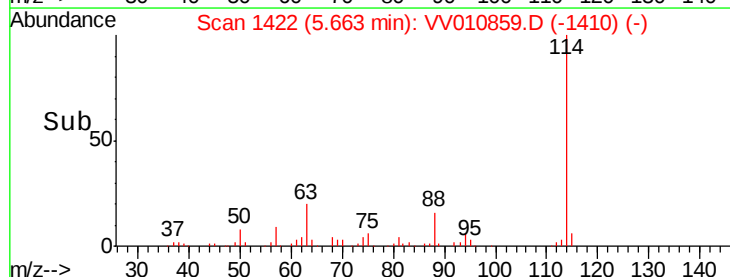
1500

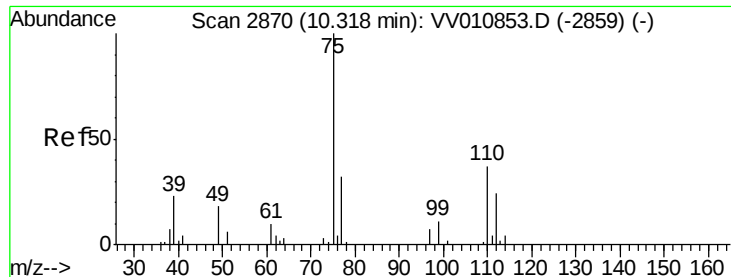
1000

500

0

Time--> 5.60 5.65 5.70





#59

1,2,3-Trichloropropane

Concen: 4.289 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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Instrument :

MSVOA_V

ClientSampleId :

DB870

Tgt Ion: 75 Resp: 6359

Ion Ratio Lower Upper

75 100

77 36.2 26.4 39.6

