

Data File : VV010683.D
Acq On : 06 May 2019 18:12
Operator : SY/MD
Sample : K2633-01
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:06:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Tue May 07 04:01:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	98704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92853	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16341	13.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.32%
7) Chloroethane-d5	1.57	69	12441	14.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.88%
10) 1,1-Dichloroethene-d2	2.12	63	26246	11.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.92%
20) 2-Butanone-d5	3.94	46	11424	30.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.10%
24) Chloroform-d	4.40	84	51006	20.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.04%
26) 1,2-Dichloroethane-d4	5.08	65	26290	17.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.96%
29) Benzene-d6	5.10	84	105572	21.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.76%
33) 1,2-Dichloropropane-d6	6.12	67	31782	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.24%
37) Toluene-d8	7.36	98	95947	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	7.66	79	11326	18.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.36%
39) 2-Hexanone-d5	8.13	63	9207	35.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	24393	18.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	35260	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

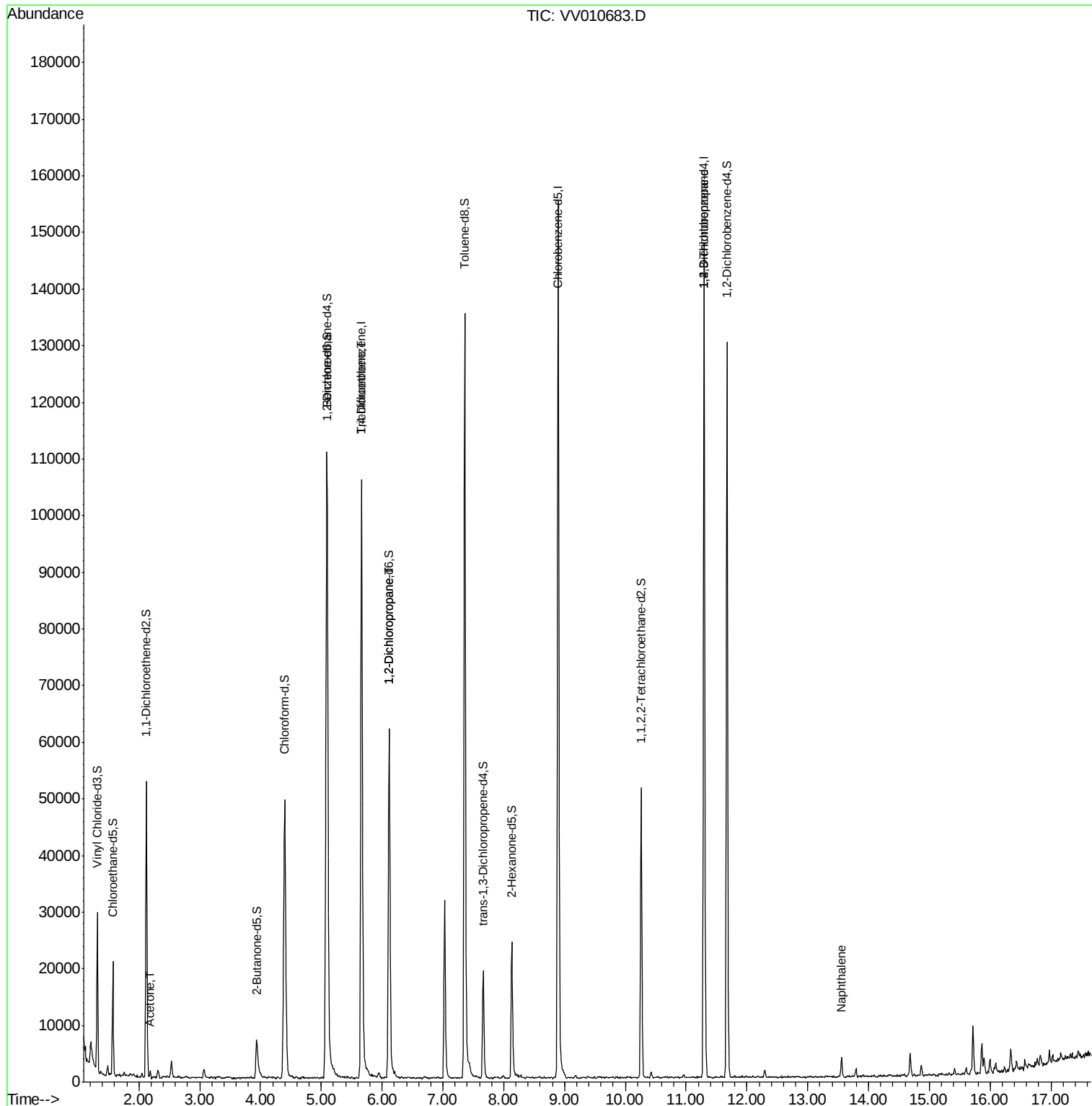
Target Compounds

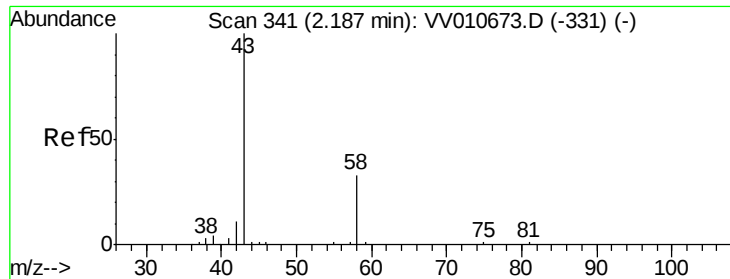
					Qvalue
13) Acetone	2.19	43	943	2.893 ug/L	72
35) Trichloroethene	5.67	95	2760	2.180 ug/L #	4
40) 1,2-Dichloropropane	6.12	63	2626	2.275 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4922	5.440 ug/L	97
69) Naphthalene	13.56	128	3706	1.393 ug/L #	92

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

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#13

Acetone

Concen: 2.893 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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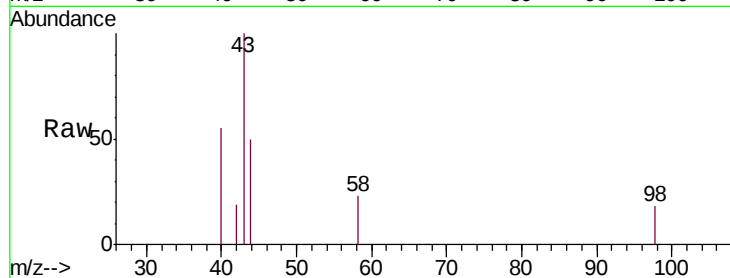
Acq: 06 May 2019 18:12

Tgt Ion: 43 Resp: 943

Ion Ratio Lower Upper

43 100

58 14.2 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010673.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010673.D (-331) (-)

2.19

800

600

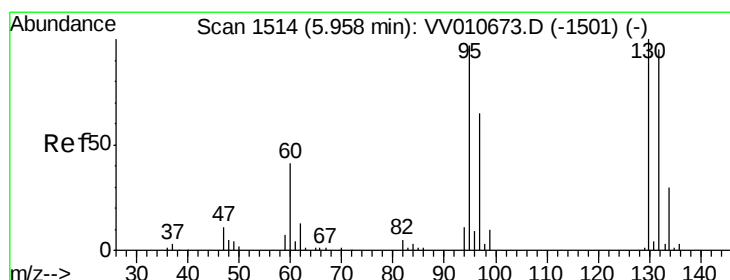
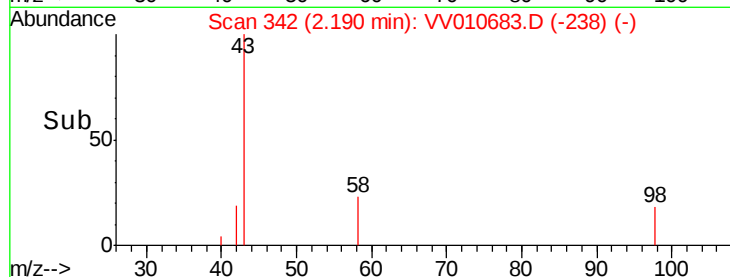
400

200

0

Time-->

2.14 2.16 2.18 2.20 2.22



#35

Trichloroethene

Concen: 2.180 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010683.D

Acq: 06 May 2019 18:12

Tgt Ion: 95 Resp: 2760

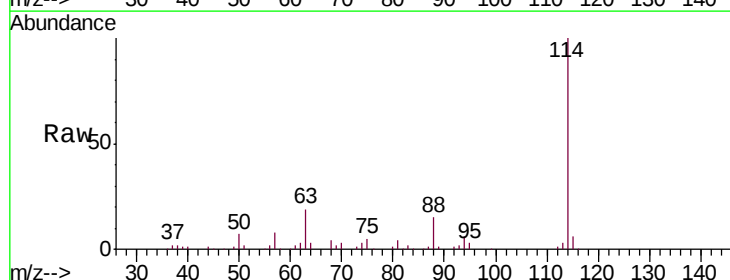
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010673.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV010673.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV010673.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV010673.D (-1501) (-)

2000

1500

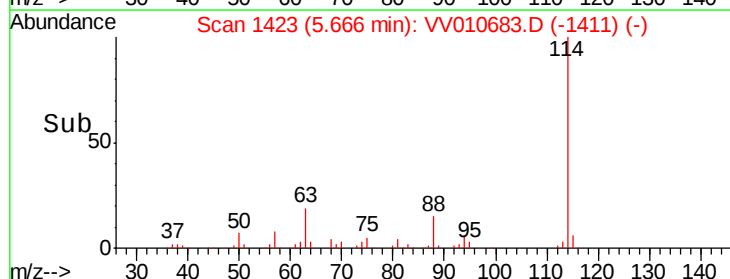
1000

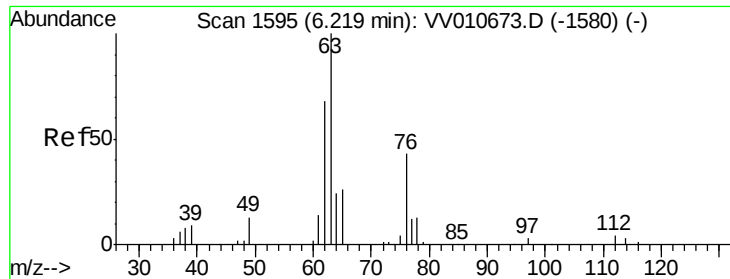
500

0

Time-->

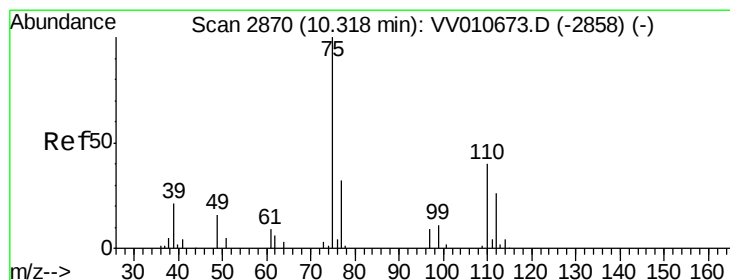
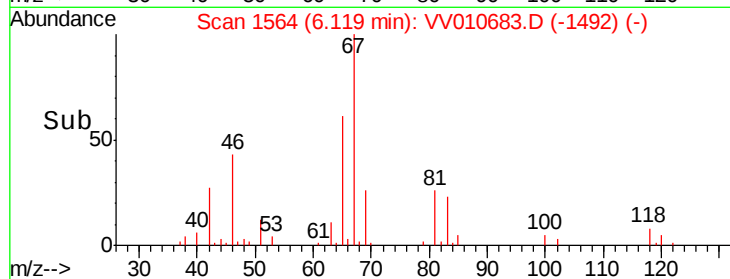
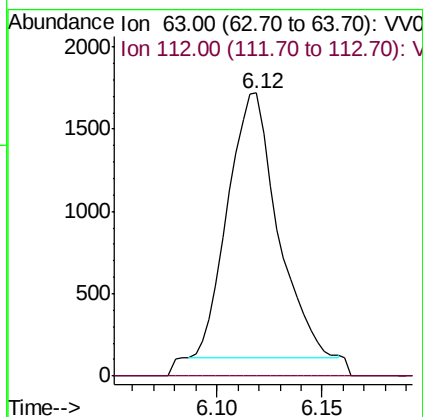
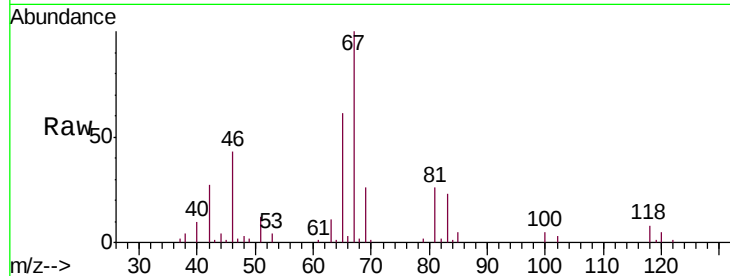
5.65 5.67 5.69





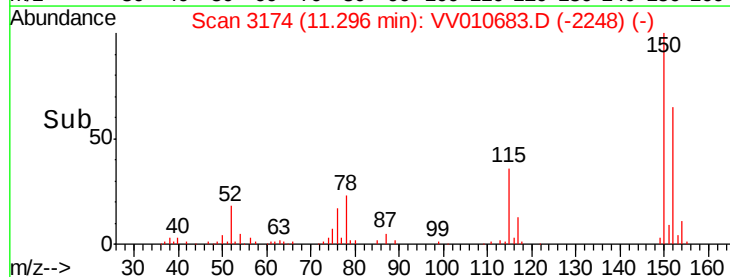
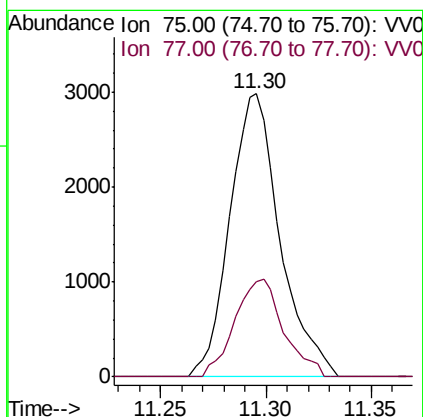
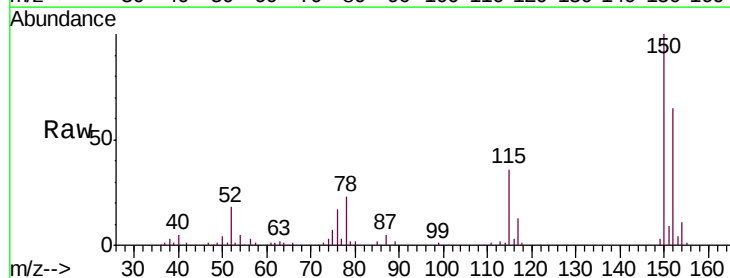
#40
 1,2-Dichloropropane
 Concen: 2.275 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
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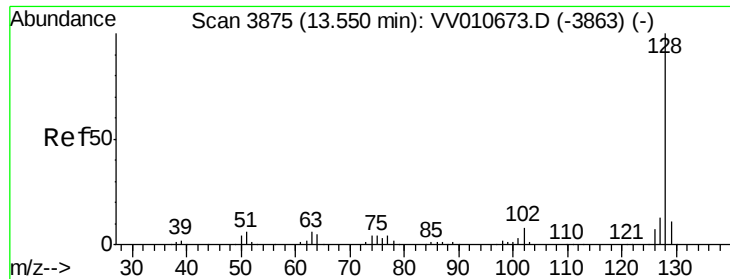
Tgt Ion: 63 Resp: 2626
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.440 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010683.D
 Acq: 06 May 2019 18:12

Tgt Ion: 75 Resp: 4922
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.6 38.4





#69

Naphthalene

Concen: 1.393 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV010683.D

Acq: 06 May 2019 18:12

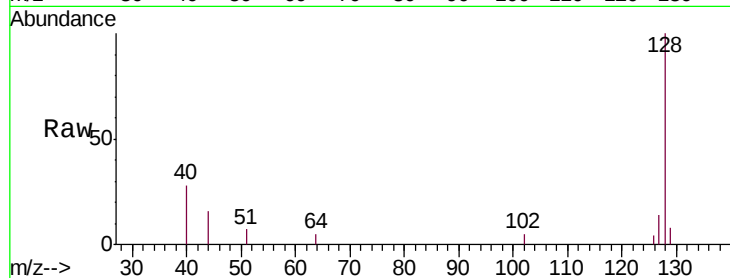
Tgt Ion:128 Resp: 3706

Ion Ratio Lower Upper

128 100

129 7.2 8.6 13.0#

127 10.7 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

