

Data File : VV010676.D
Acq On : 06 May 2019 14:19
Operator : SY/MD
Sample : K2603-01
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 04:05:30 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	166126	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152288	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61756	25.00	ug/L	0.00

System Monitoring Compounds

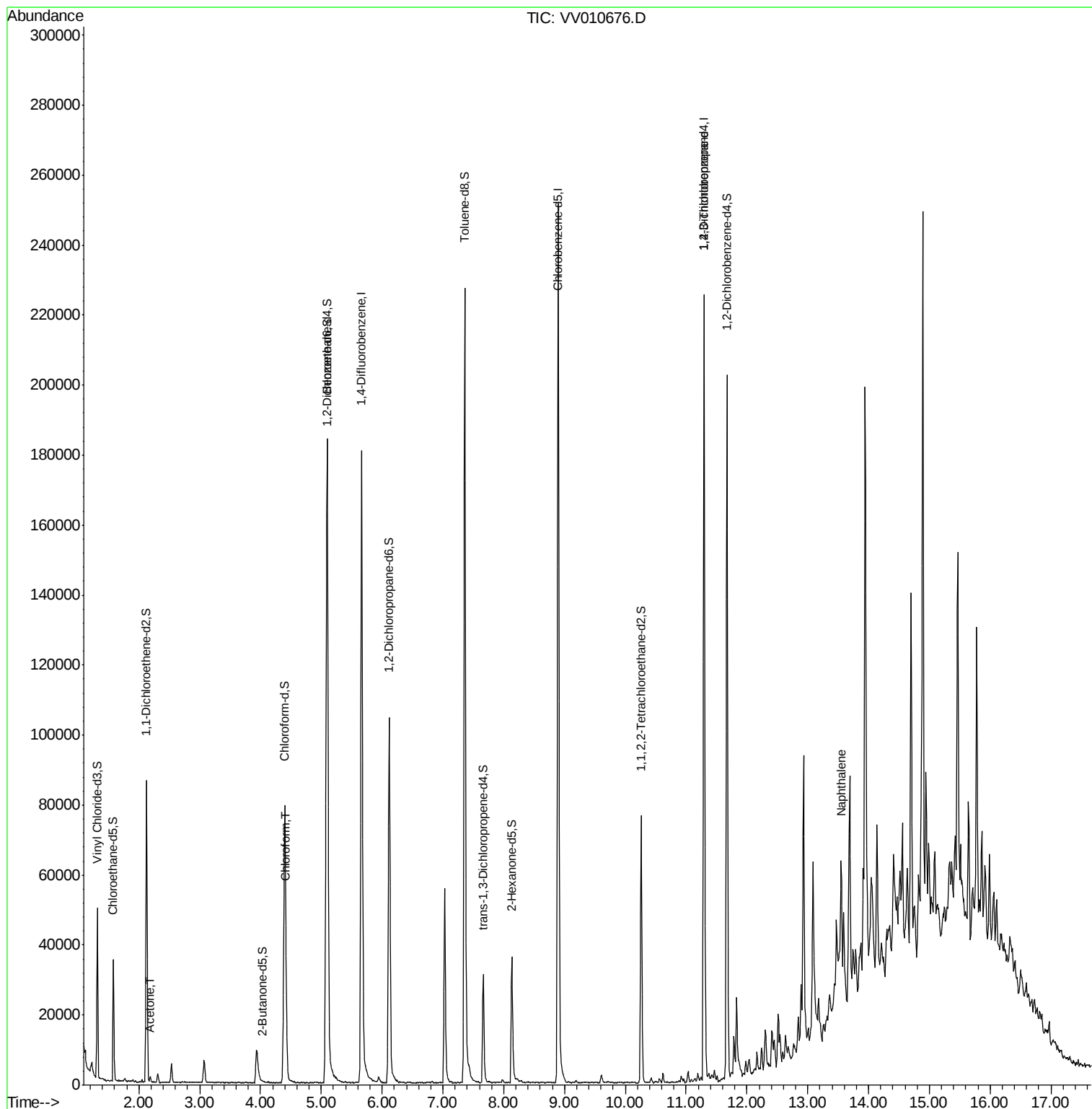
4) Vinyl Chloride-d3	1.32	65	27946	13.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.16%
7) Chloroethane-d5	1.58	69	21894	14.87	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.48%
10) 1,1-Dichloroethene-d2	2.13	63	42978	11.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.60%
20) 2-Butanone-d5	4.04	46	131	0.20	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.40%#
24) Chloroform-d	4.40	84	82769	19.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.16%
26) 1,2-Dichloroethane-d4	5.08	65	42356	17.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.88%#
29) Benzene-d6	5.10	84	174654	22.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.52%
33) 1,2-Dichloropropane-d6	6.12	67	51978	21.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.00%
37) Toluene-d8	7.36	98	163481	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.24%
38) trans-1,3-Dichloropropene-	7.66	79	18130	18.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.56%
39) 2-Hexanone-d5	8.13	63	13925	32.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.70%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	36590	16.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	67.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	52652	22.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.64%

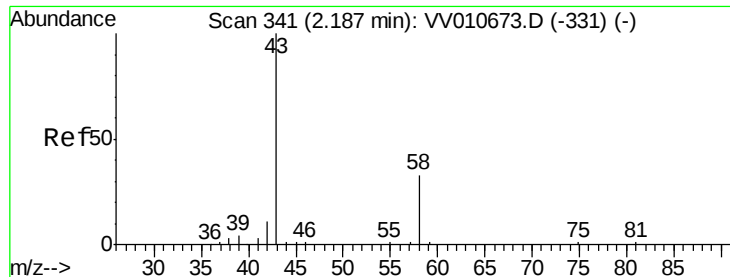
Target Compounds					Qvalue
13) Acetone	2.19	43	1029	1.876 ug/L	88
25) Chloroform	4.43	83	4822	1.177 ug/L	82
59) 1,2,3-Trichloropropane	11.29	75	6912	4.658 ug/L #	84
69) Naphthalene	13.55	128	25649	6.498 ug/L	99

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

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#13

Acetone

Concen: 1.876 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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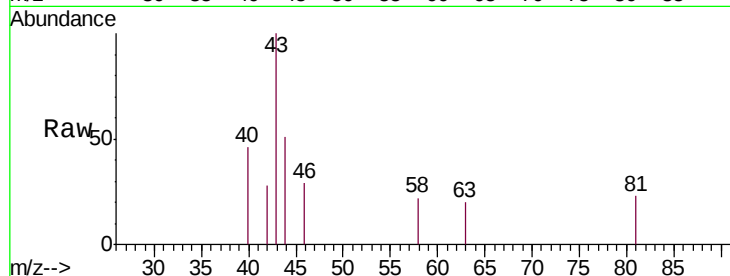
Acq: 06 May 2019 14:19

Tgt Ion: 43 Resp: 1029

Ion Ratio Lower Upper

43 100

58 22.4 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010676.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010676.D (-238) (-)

2.19

600

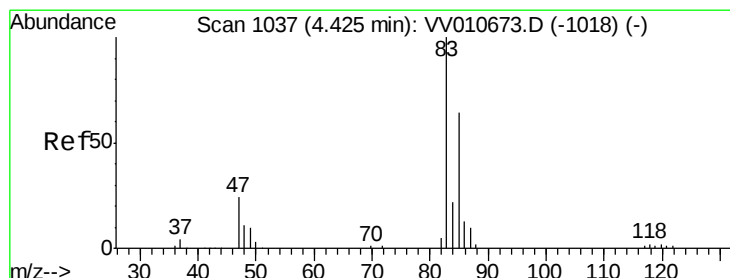
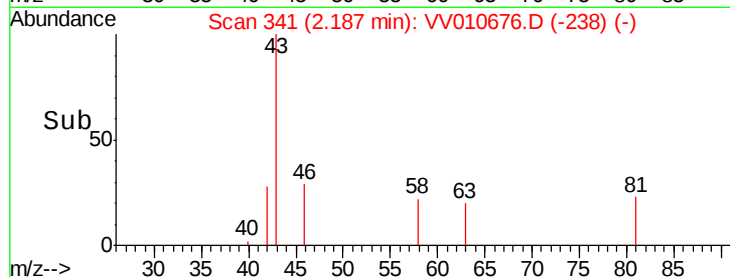
400

200

0

Time-->

2.16 2.18 2.20 2.22



#25

Chloroform

Concen: 1.177 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV010676.D

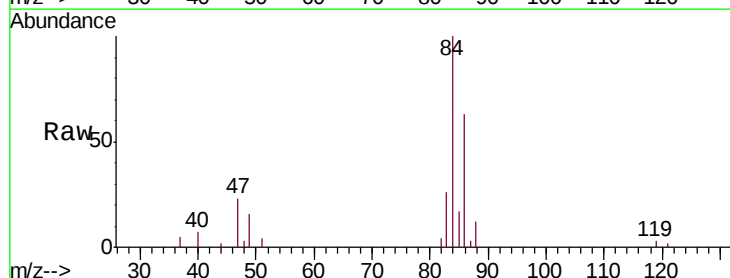
Acq: 06 May 2019 14:19

Tgt Ion: 83 Resp: 4822

Ion Ratio Lower Upper

83 100

85 80.4 46.3 86.1



Abundance Ion 83.00 (82.70 to 83.70): VV010676.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV010676.D (-934) (-)

4.43

2000

1500

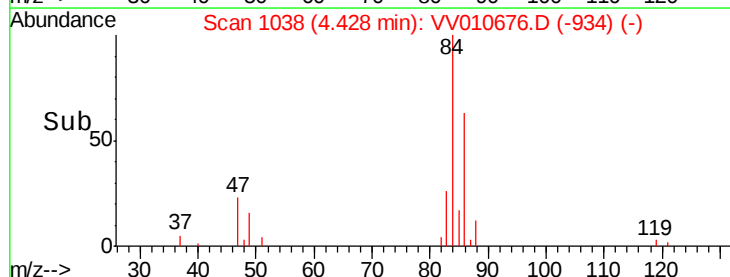
1000

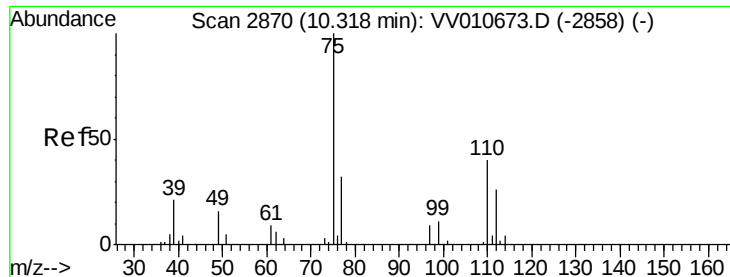
500

0

Time-->

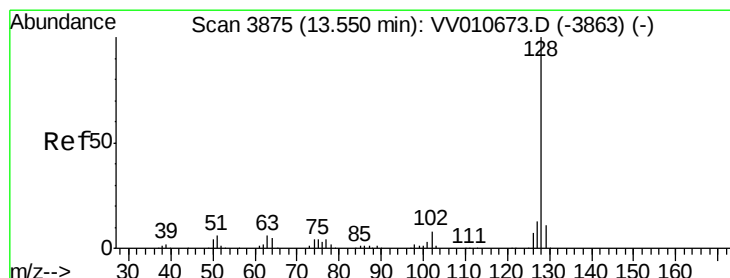
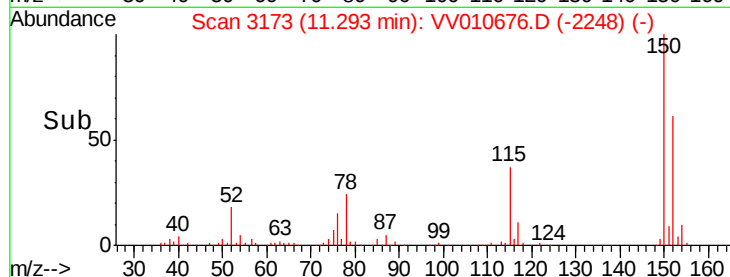
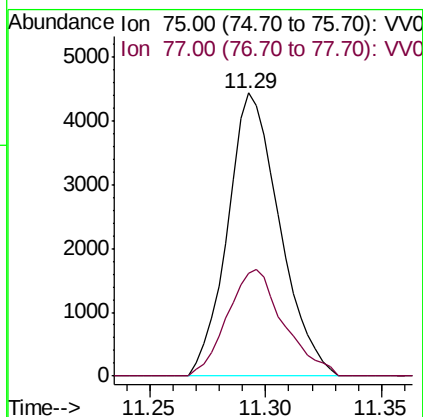
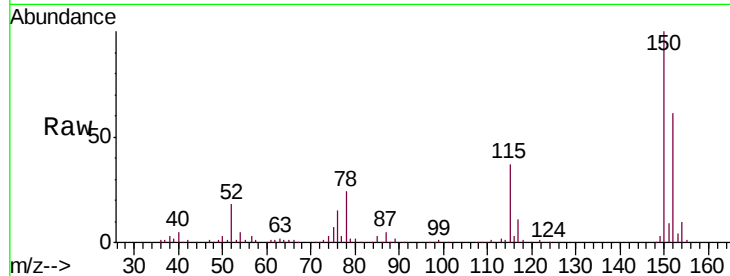
4.35 4.40 4.45 4.50





#59
 1,2,3-Trichloropropane
 Concen: 4.658 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010676.D
 Acq: 06 May 2019 14:19

Tgt Ion: 75 Resp: 6912
 Ion Ratio Lower Upper
 75 100
 77 40.8 25.6 38.4#



#69
 Naphthalene
 Concen: 6.498 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV010676.D
 Acq: 06 May 2019 14:19

Tgt Ion: 128 Resp: 25649
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 13.0
 127 13.5 10.6 15.8

