

Data File : VV011070.D
Acq On : 28 May 2019 18:27
Operator : SY/MD
Sample : K3017-03
Misc : 0.16G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51H6

Quant Time: May 29 02:19:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis
QLast Update : Wed May 29 02:15:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	436585	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	426054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	197420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	153089	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.32%
7) Chloroethane-d5	1.56	69	113193	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.00%
10) 1,1-Dichloroethene-d2	2.12	63	231371	20.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.12%
20) 2-Butanone-d5	3.94	46	170924	82.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	165.70%#
24) Chloroform-d	4.40	84	275747	26.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.16%
26) 1,2-Dichloroethane-d4	5.08	65	200295	29.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.36%
29) Benzene-d6	5.09	84	654783	26.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.00%
33) 1,2-Dichloropropane-d6	6.12	67	213379	26.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.52%
37) Toluene-d8	7.36	98	608472	26.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.84%
38) trans-1,3-Dichloropropene-	7.66	79	103429	27.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.88%
39) 2-Hexanone-d5	8.13	63	147479	85.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.58%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	236162	34.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.40%#
61) 1,2-Dichlorobenzene-d4	11.67	152	214226	27.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.76%

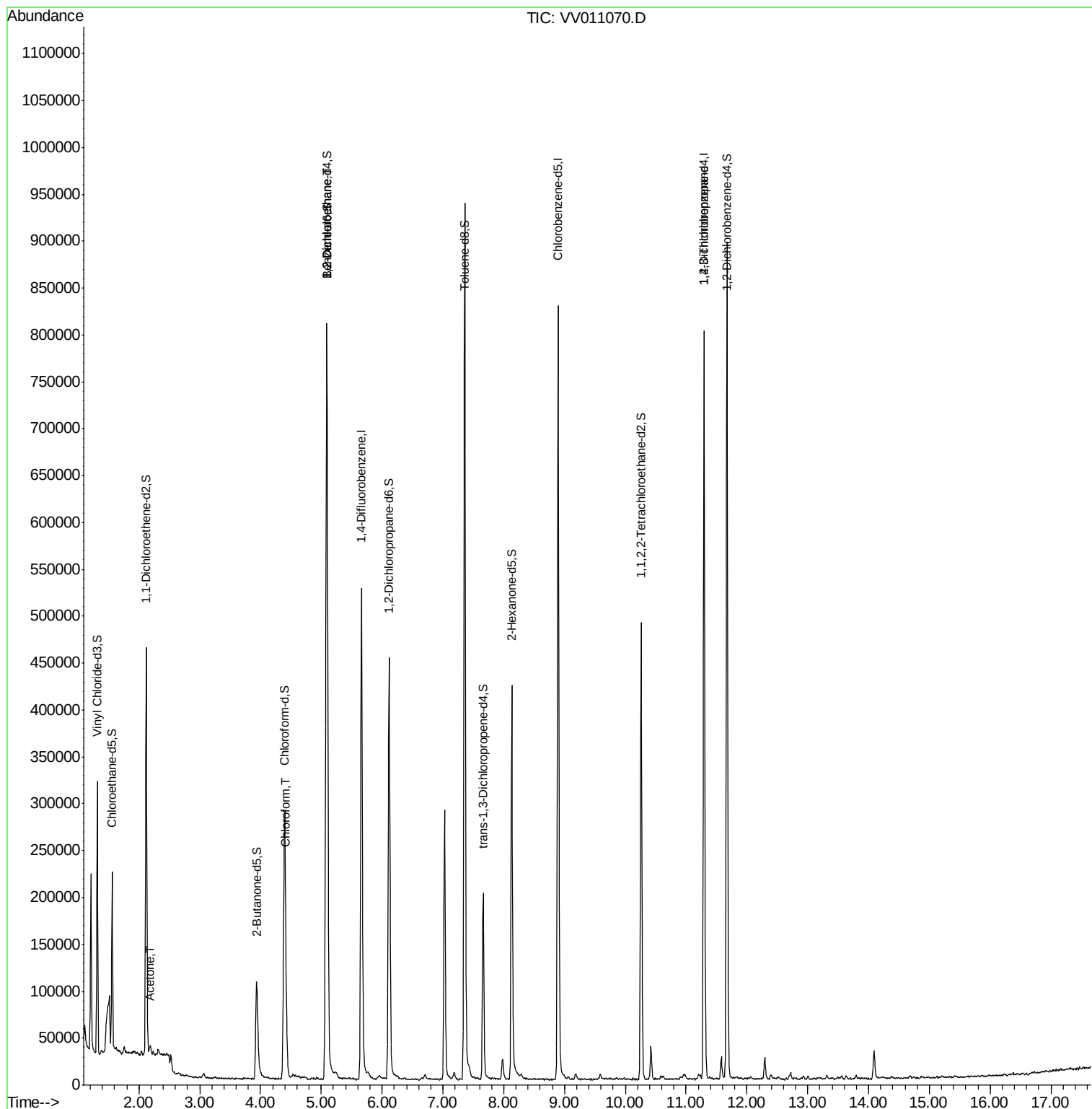
Target Compounds					Qvalue
13) Acetone	2.19	43	6593	2.821 ug/L	97
25) Chloroform	4.42	83	31964	2.597 ug/L	93
27) 1,2-Dichloroethane	5.09	62	4281	0.534 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	27281	5.325 ug/L	91

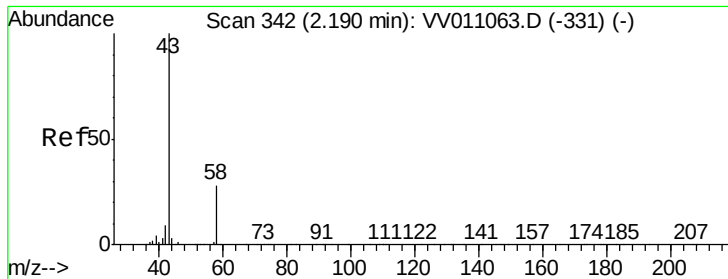
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.821 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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ClientSampleId :

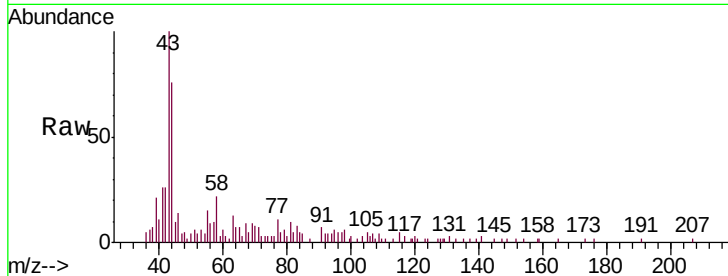
A51H6

Tgt Ion: 43 Resp: 6593

Ion Ratio Lower Upper

43 100

58 28.7 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV011063.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011063.D (-331) (-)

2.19

6000

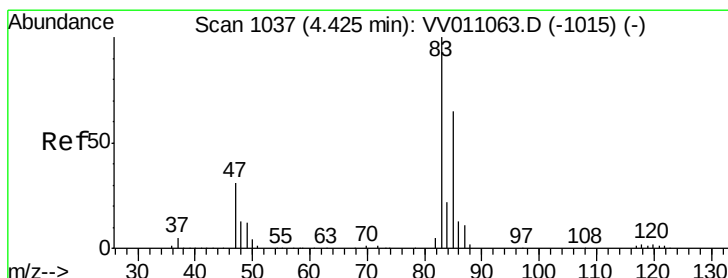
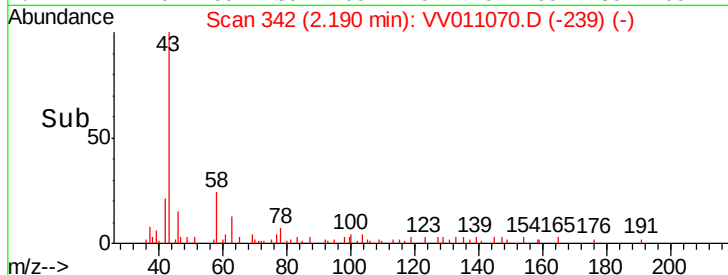
4000

2000

0

Time-->

2.15 2.20



#25

Chloroform

Concen: 2.597 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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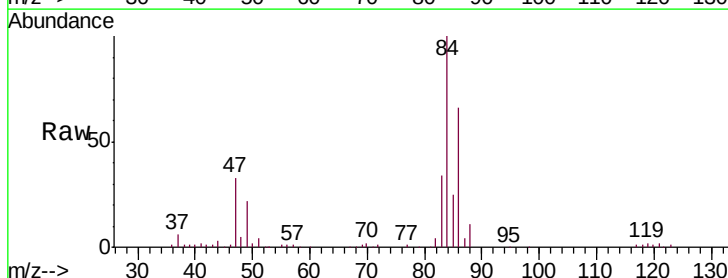
Acq: 28 May 2019 18:27

Tgt Ion: 83 Resp: 31964

Ion Ratio Lower Upper

83 100

85 71.8 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VV011063.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV011063.D (-1015) (-)

4.42

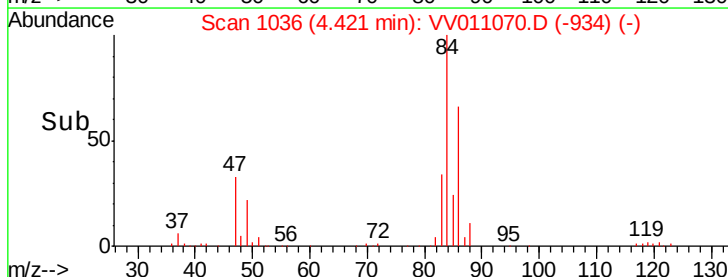
10000

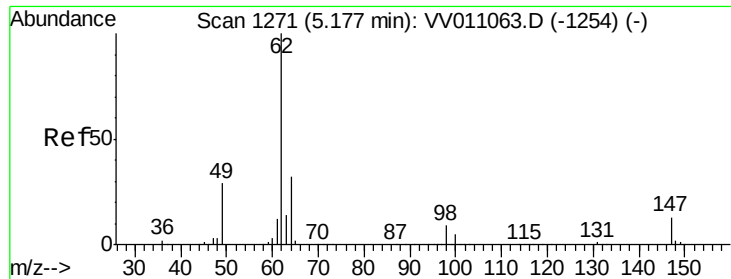
5000

0

Time-->

4.35 4.40 4.45 4.50

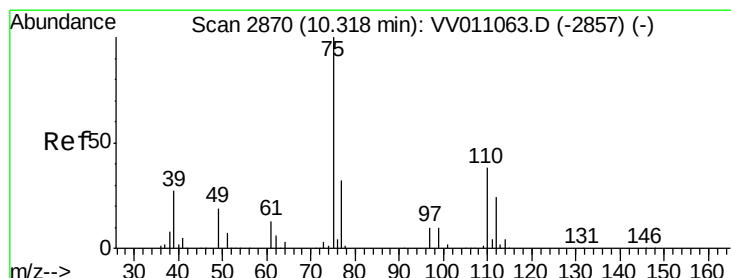
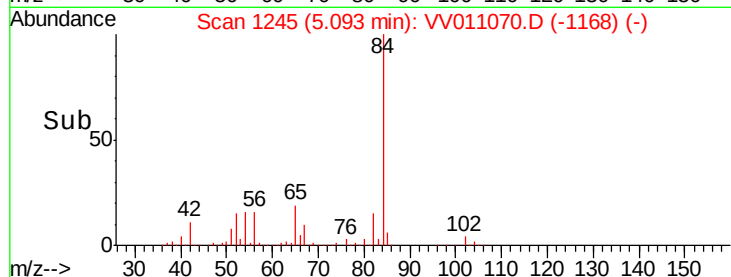
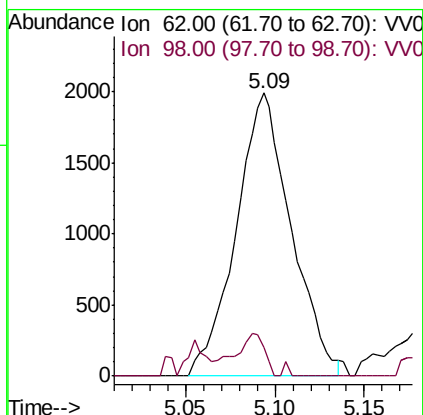
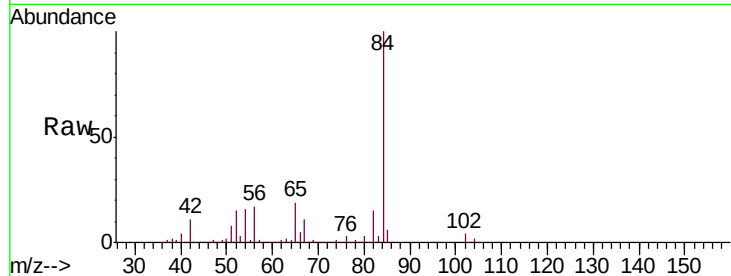




#27
 1,2-Dichloroethane
 Concen: 0.534 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
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Tgt Ion: 62 Resp: 4281
 Ion Ratio Lower Upper
 62 100
 98 10.1 7.4 11.0



#59
 1,2,3-Trichloropropane
 Concen: 5.325 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV011070.D
 Acq: 28 May 2019 18:27

Tgt Ion: 75 Resp: 27281
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.4 38.0

