

Data File : VV010000.D
Acq On : 29 Mar 2019 14:43
Operator : SY/MD
Sample : K2149-01
Misc : 1.69G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5G7RE

Quant Time: Mar 30 04:16:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167834	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149826	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69847	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
7) Chloroethane-d5	1.57	69	80058	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	2.13	63	158852	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	25095	39.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.08%
24) Chloroform-d	4.51	84	230	0.05	ug/L	0.11
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.20%#
26) 1,2-Dichloroethane-d4	5.08	65	61569	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	5.10	84	201004	25.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.20%
33) 1,2-Dichloropropane-d6	6.12	67	60279	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	7.36	98	171225	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.66	79	16902	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.80%
39) 2-Hexanone-d5	8.13	63	17798	41.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44534	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	37971	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

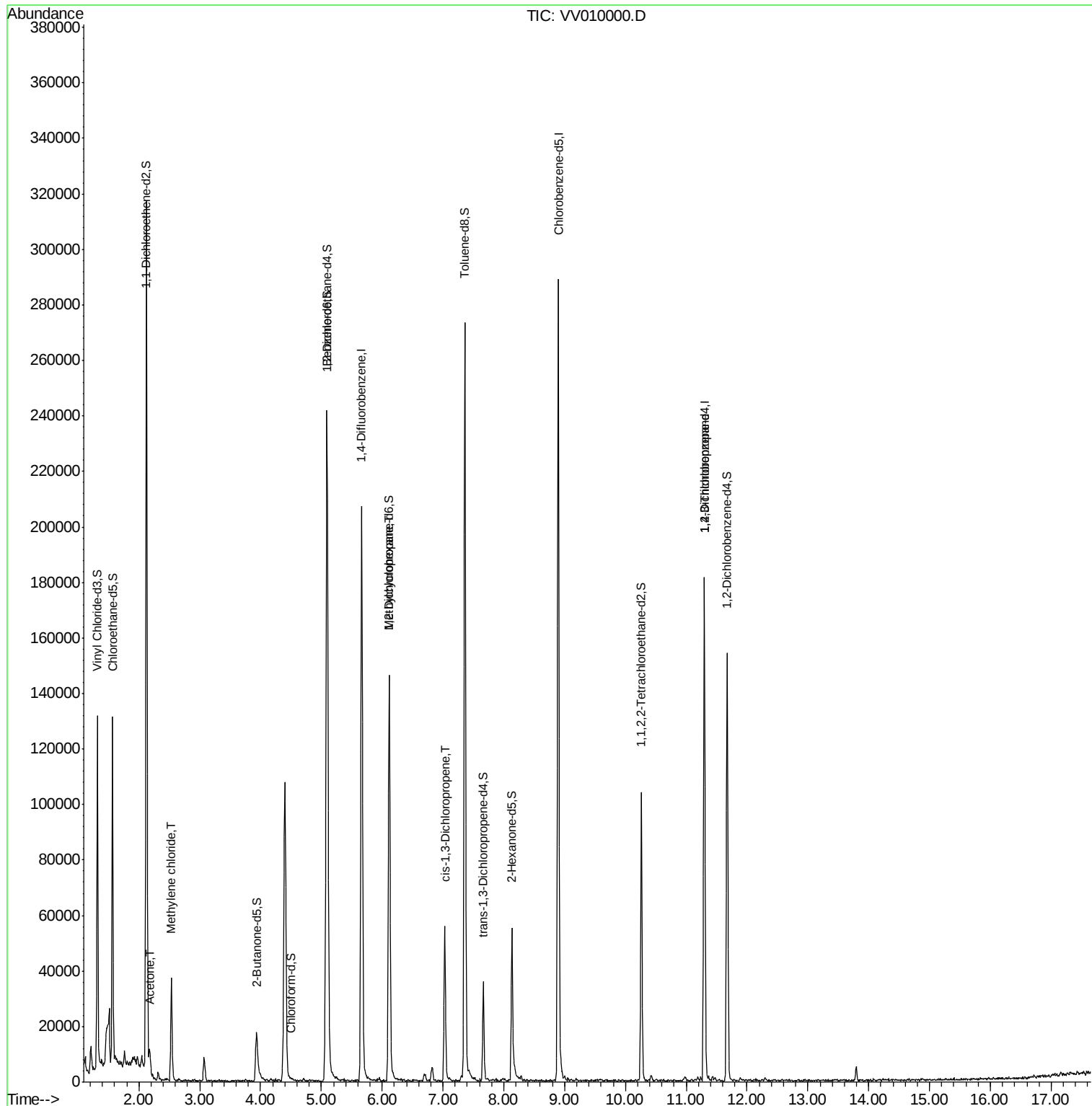
					Qvalue
13) Acetone	2.19	43	5412	5.632 ug/L	91
16) Methylene chloride	2.53	84	14418	5.217 ug/L	98
36) Methylcyclohexane	6.12	83	14811	4.350 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1887	0.630 ug/L #	48
59) 1,2,3-Trichloropropane	11.30	75	7308	4.418 ug/L	91

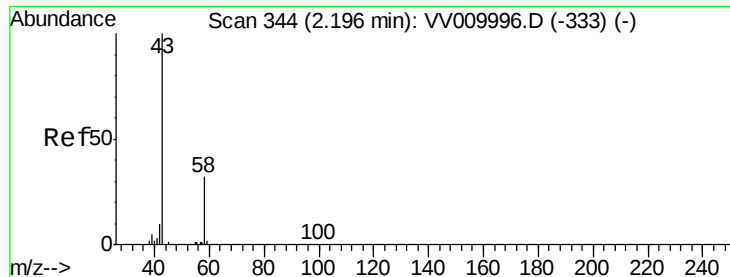
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.632 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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Acq: 29 Mar 2019 14:43

Instrument :

MSVOA_V

ClientSampleId :

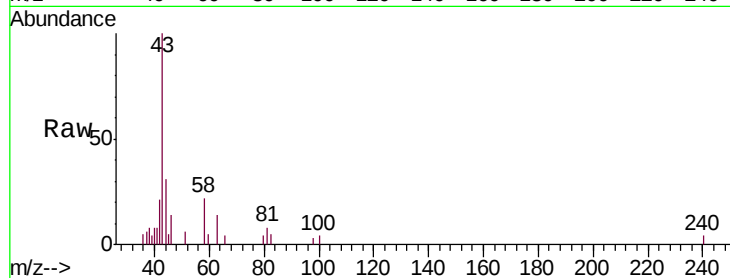
BF5G7RE

Tgt Ion: 43 Resp: 5412

Ion Ratio Lower Upper

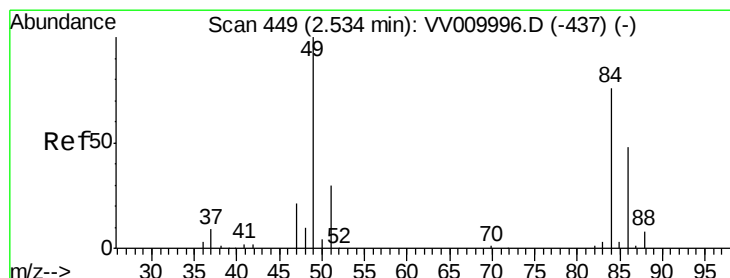
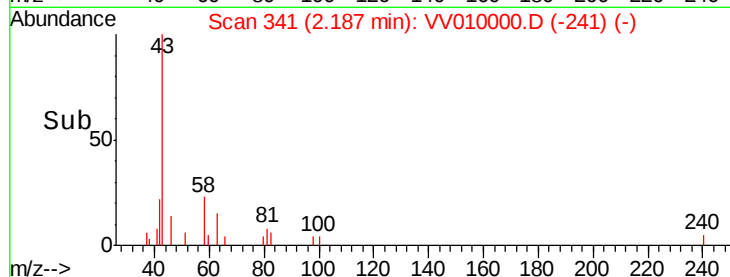
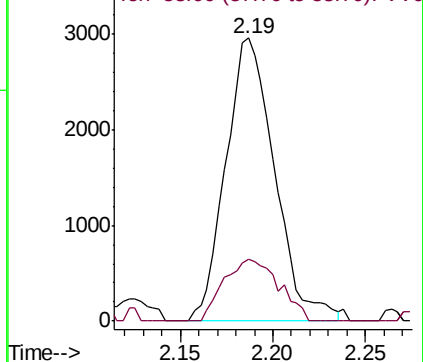
43 100

58 24.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 5.217 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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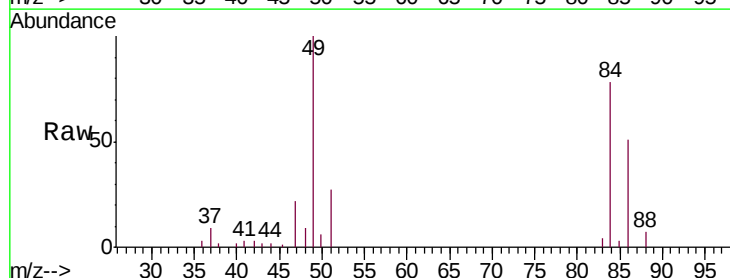
Tgt Ion: 84 Resp: 14418

Ion Ratio Lower Upper

84 100

49 127.8 90.4 167.8

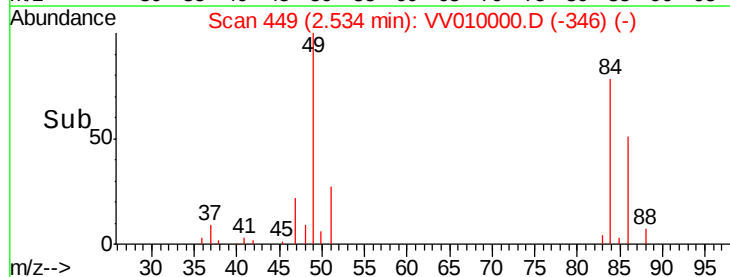
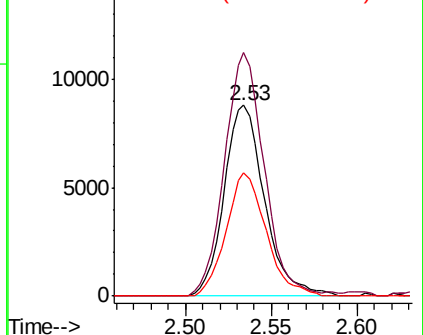
86 64.9 44.0 81.6

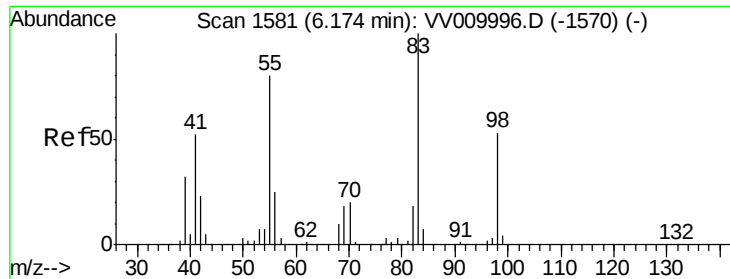


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

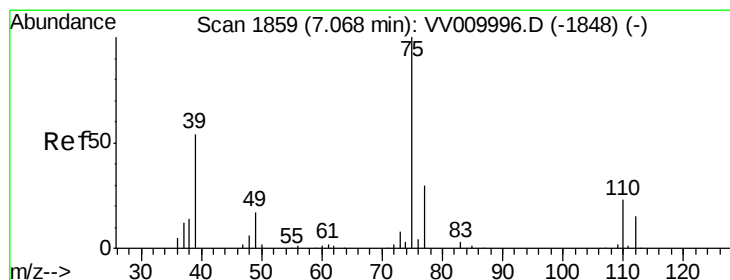
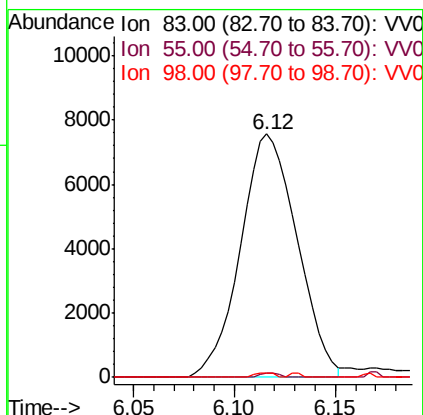
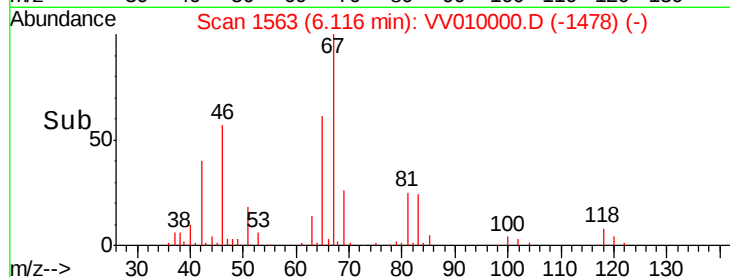
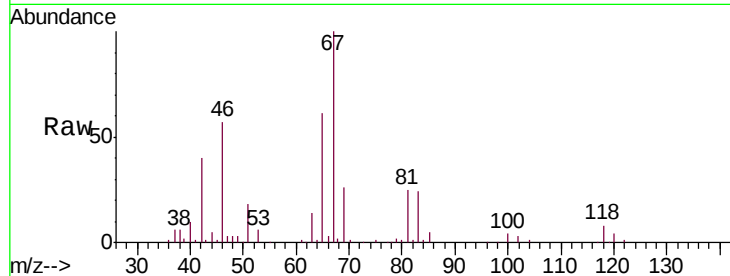




#36
Methylcyclohexane
Concen: 4.350 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
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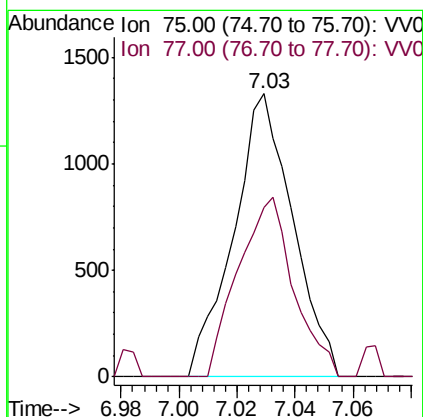
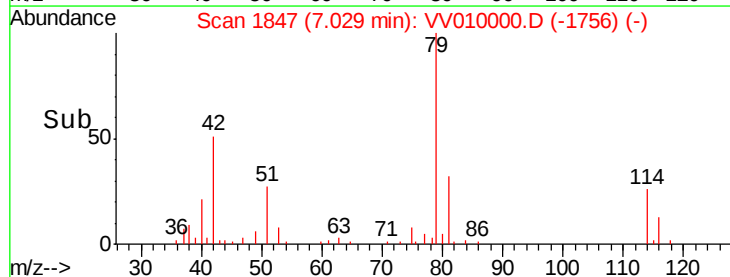
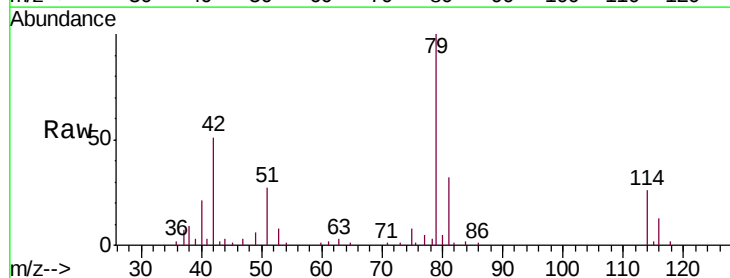
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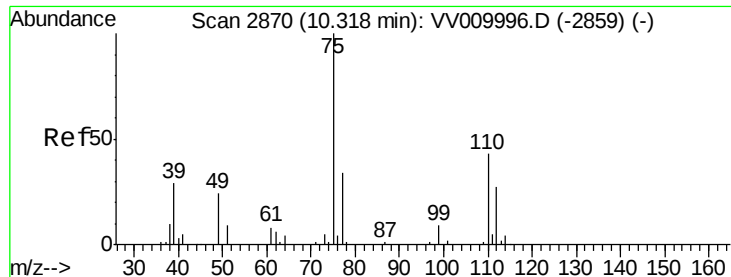
Tgt Ion: 83 Resp: 14811
Ion Ratio Lower Upper
83 100
55 0.6 57.3 85.9#
98 0.6 39.2 58.8#



#42
cis-1,3-Dichloropropene
Concen: 0.630 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010000.D
Acq: 29 Mar 2019 14:43

Tgt Ion: 75 Resp: 1887
Ion Ratio Lower Upper
75 100
77 59.7 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 4.418 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010000.D

Acq: 29 Mar 2019 14:43

Instrument :

MSVOA_V

ClientSampleId :

BF5G7RE

Tgt Ion: 75 Resp: 7308

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

