

Data File : VV010805.D
Acq On : 10 May 2019 10:19
Operator : SY/MD
Sample : VV0509SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Quant Time: May 10 23:01:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	90513	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	89442	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38495	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30923	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
7) Chloroethane-d5	1.57	69	28580	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
10) 1,1-Dichloroethene-d2	2.13	63	53488	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	3.93	46	18198	43.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.26%
24) Chloroform-d	4.40	84	56564	22.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.68%
26) 1,2-Dichloroethane-d4	5.08	65	36509	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.76%
29) Benzene-d6	5.10	84	112329	23.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.44%
33) 1,2-Dichloropropane-d6	6.12	67	36578	24.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.52%
37) Toluene-d8	7.36	98	103932	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	7.66	79	14650	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.68%
39) 2-Hexanone-d5	8.13	63	13239	42.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	30197	21.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	36114	24.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.88%

Target Compounds

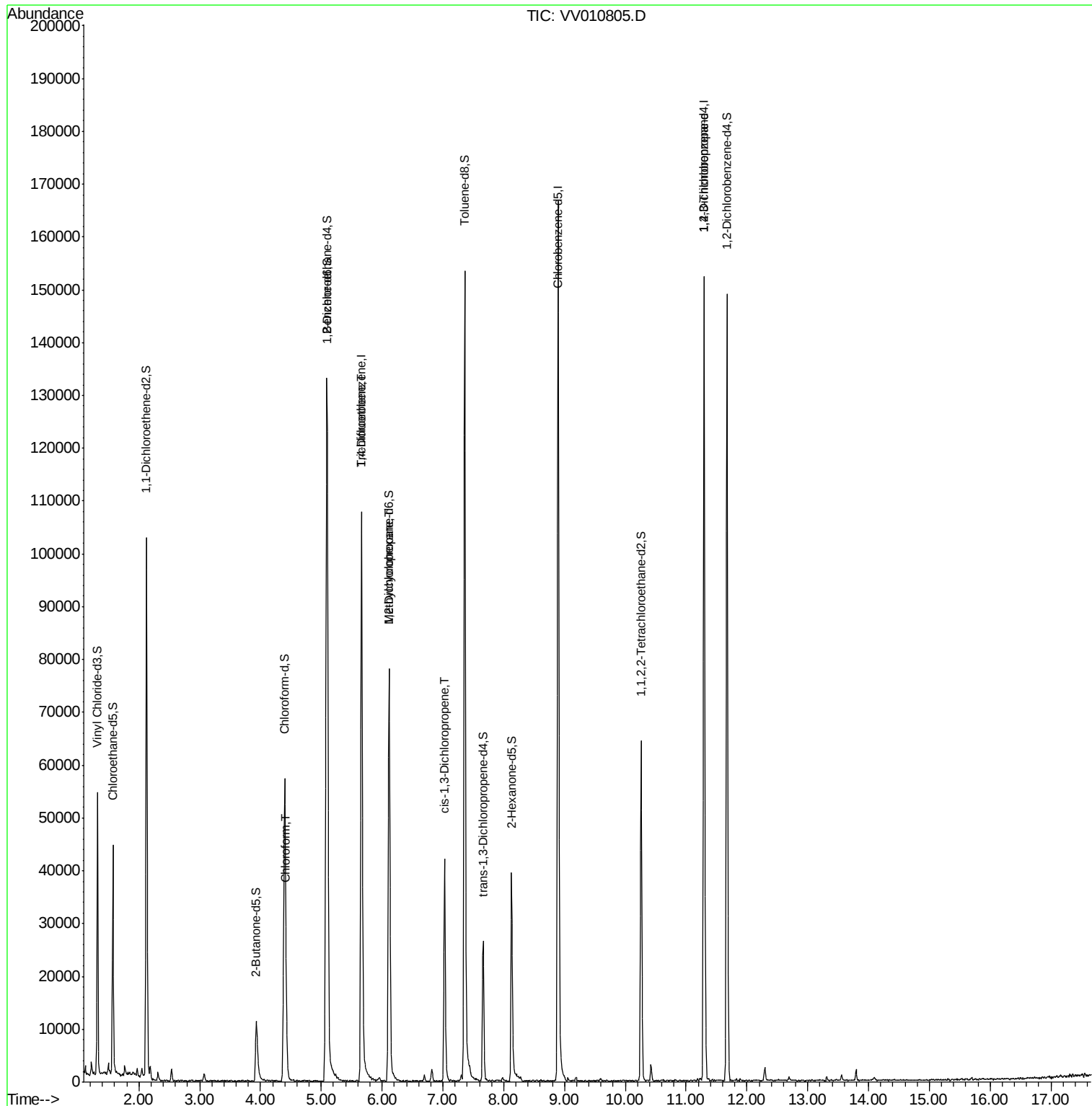
					Qvalue
25) Chloroform	4.43	83	3678	1.343 ug/L #	22
35) Trichloroethene	5.67	95	2904	1.975 ug/L #	7
36) Methylcyclohexane	6.12	83	8460	3.589 ug/L #	17
42) cis-1,3-Dichloropropene	7.03	75	1219	0.552 ug/L	86
59) 1,2,3-Trichloropropane	11.29	75	5576	4.752 ug/L #	85

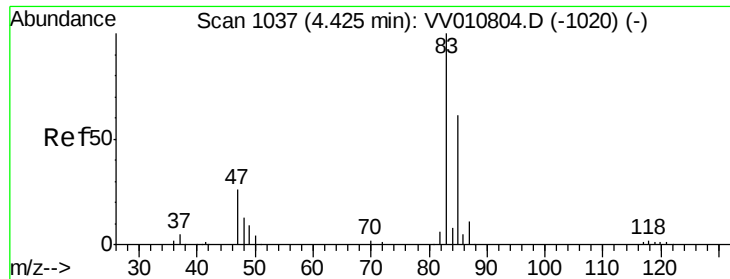
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010805.D
Acq On : 10 May 2019 10:19
Operator : SY/MD
Sample : VV0509SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Quant Time: May 10 23:01:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

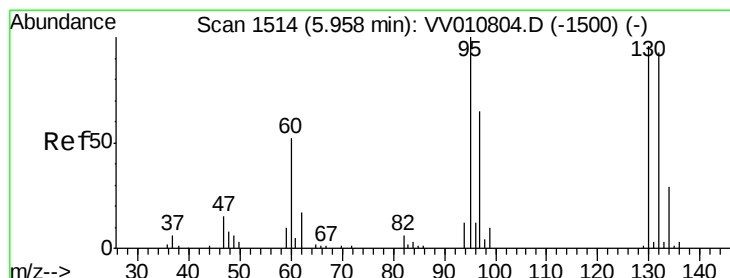
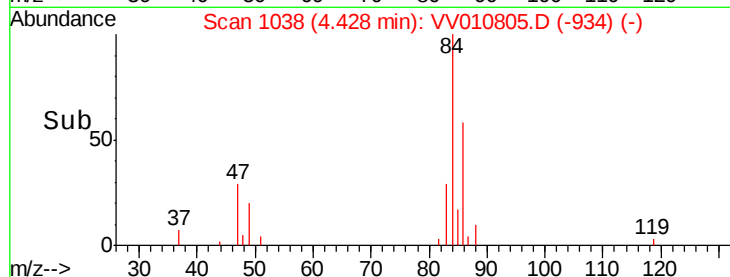
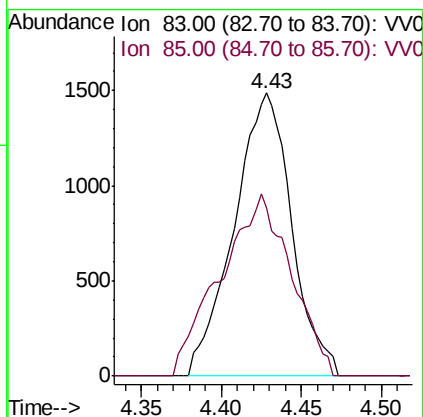
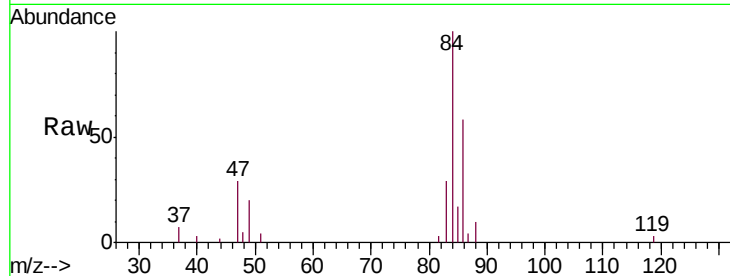




#25
Chloroform
Concen: 1.343 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010805.D
Acq: 10 May 2019 10:19

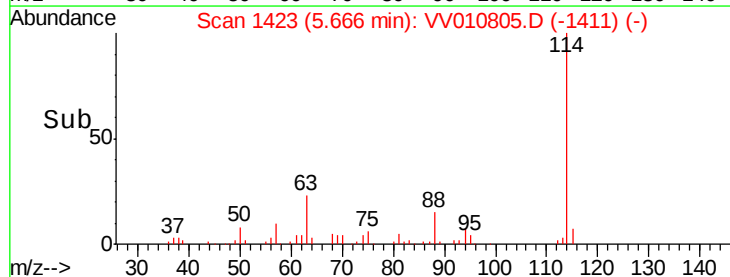
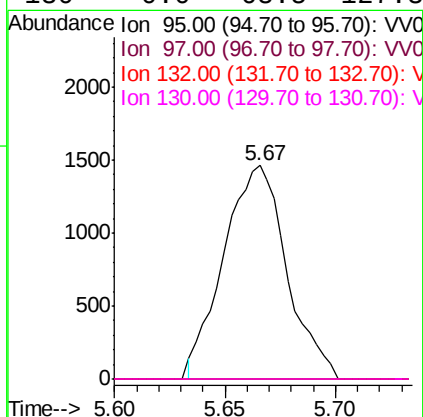
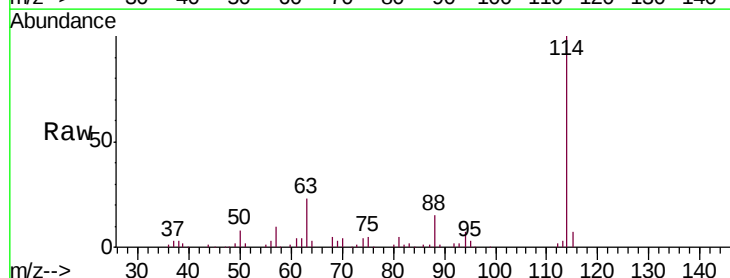
Instrument :
MSVOA_V
ClientSampleId :
VBLK87

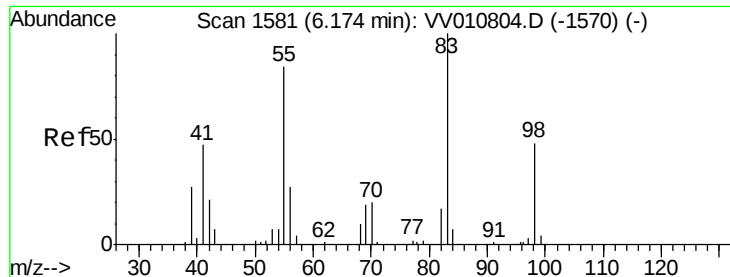
Tgt Ion: 83 Resp: 3678
Ion Ratio Lower Upper
83 100
85 2.9 44.6 82.8#



#35
Trichloroethene
Concen: 1.975 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010805.D
Acq: 10 May 2019 10:19

Tgt Ion: 95 Resp: 2904
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#

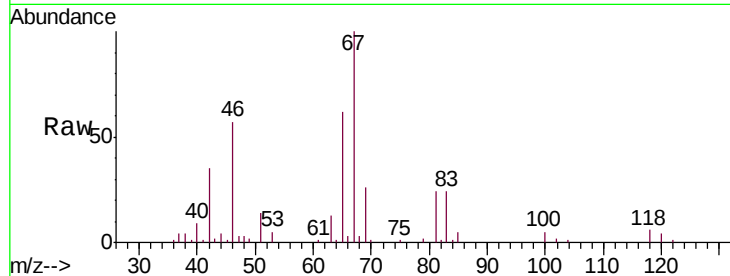




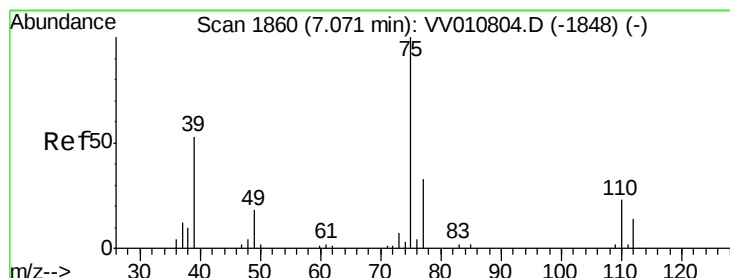
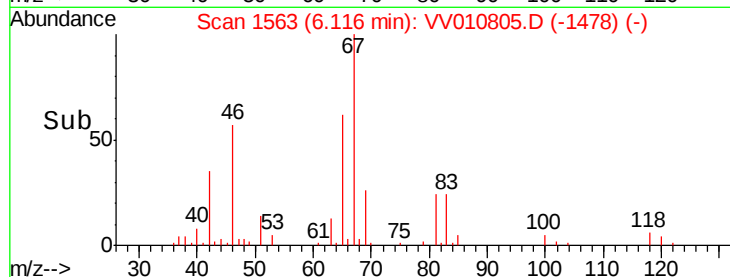
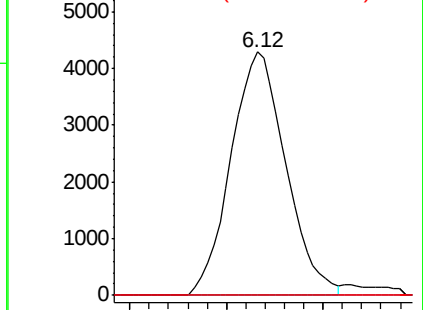
#36
Methylcyclohexane
Concen: 3.589 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010805.D
Acq: 10 May 2019 10:19

Instrument :
MSVOA_V
ClientSampleId :
VBLK87

Tgt Ion: 83 Resp: 8460
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 0.9 37.7 56.5#

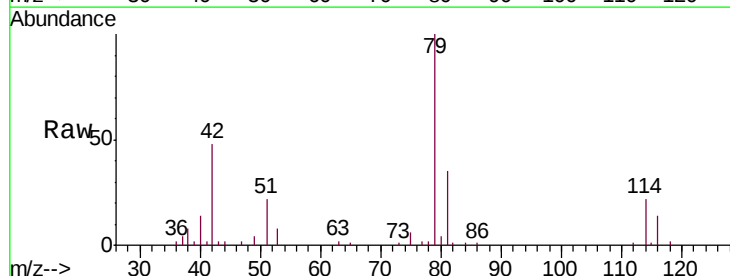


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

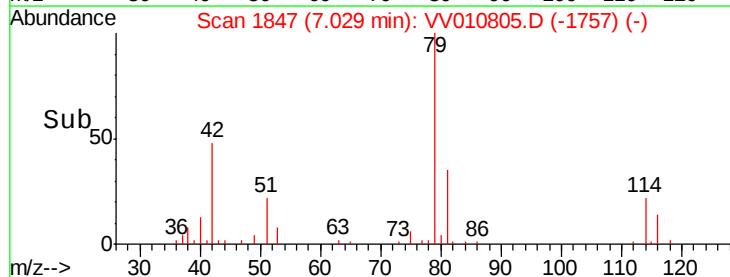
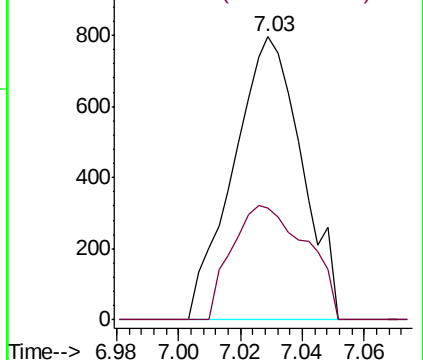


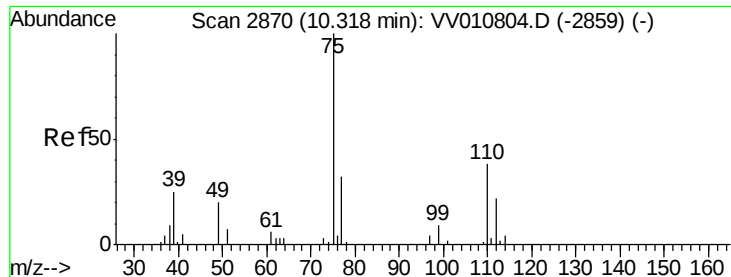
#42
cis-1,3-Dichloropropene
Concen: 0.552 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV010805.D
Acq: 10 May 2019 10:19

Tgt Ion: 75 Resp: 1219
Ion Ratio Lower Upper
75 100
77 39.6 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.752 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV010805.D

Acq: 10 May 2019 10:19

Instrument :

MSVOA_V

ClientSampleId :

VBLK87

Tgt Ion: 75 Resp: 5576

Ion Ratio Lower Upper

75 100

77 39.8 25.0 37.6#

