

Data File : VV011014.D
Acq On : 22 May 2019 13:20
Operator : SY/MD
Sample : K2846-03
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 23 08:04:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132168	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35905	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
7) Chloroethane-d5	1.57	69	25847	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
10) 1,1-Dichloroethene-d2	2.12	63	51850	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	3.94	46	28239	54.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.62%
24) Chloroform-d	4.40	84	84047	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	51038	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.20%
29) Benzene-d6	5.09	84	182117	25.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.80%
33) 1,2-Dichloropropane-d6	6.12	67	58098	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.20%
37) Toluene-d8	7.36	98	164582	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	7.66	79	21719	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.04%
39) 2-Hexanone-d5	8.13	63	20209	47.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57086	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	61731	27.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.32%

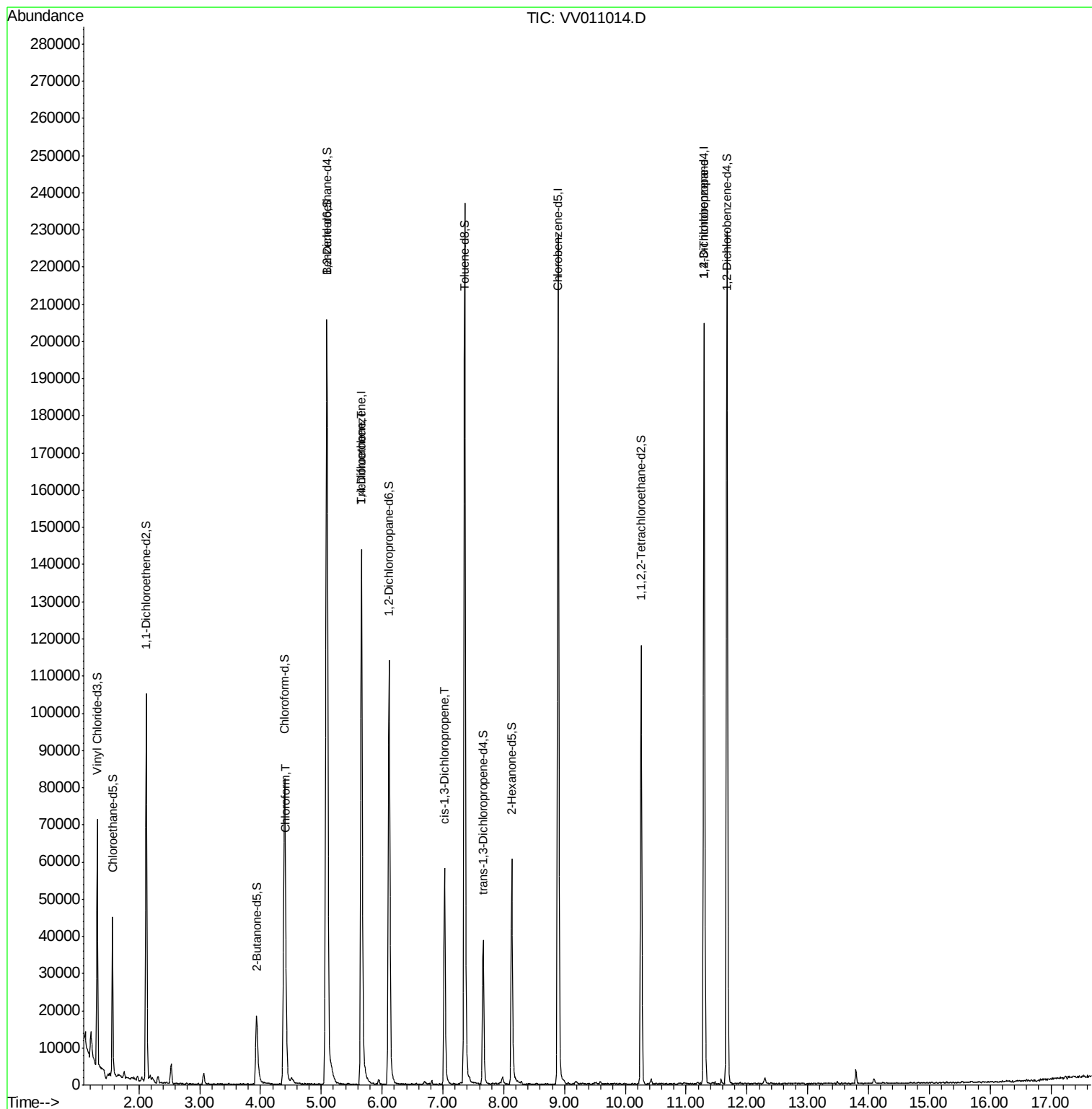
Target Compounds					Qvalue
25) Chloroform	4.42	83	7108	1.793 ug/L	89
35) Trichloroethene	5.66	95	3709	1.776 ug/L #	5
42) cis-1,3-Dichloropropene	7.03	75	1602	0.542 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	7083	4.327 ug/L	91

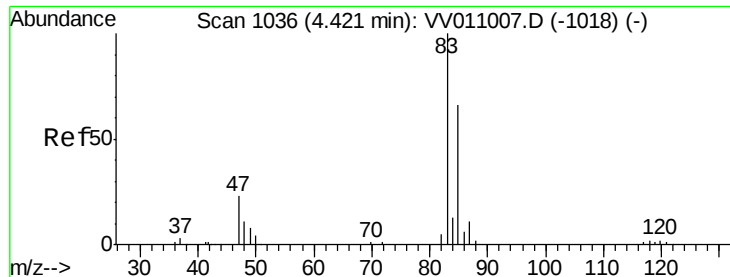
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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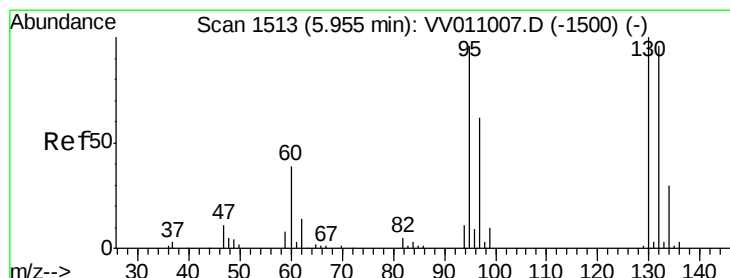
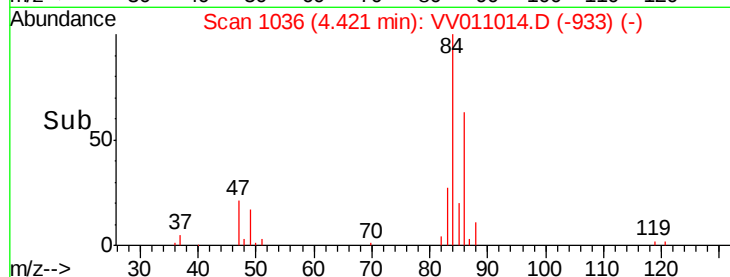
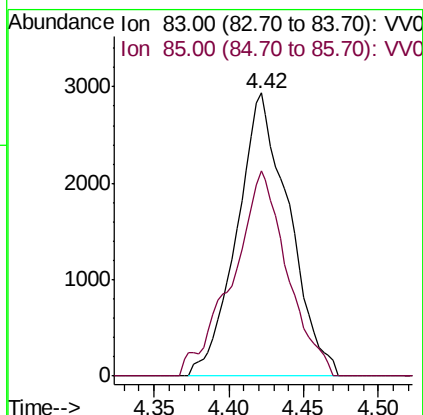
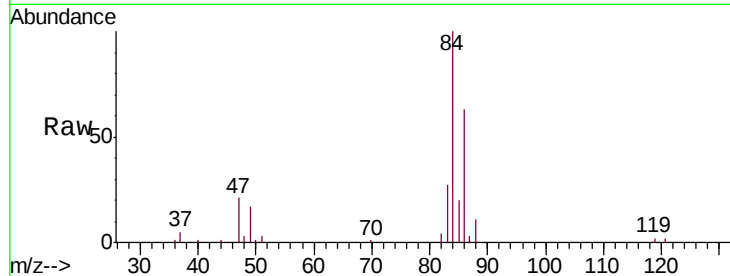




#25
Chloroform
Concen: 1.793 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
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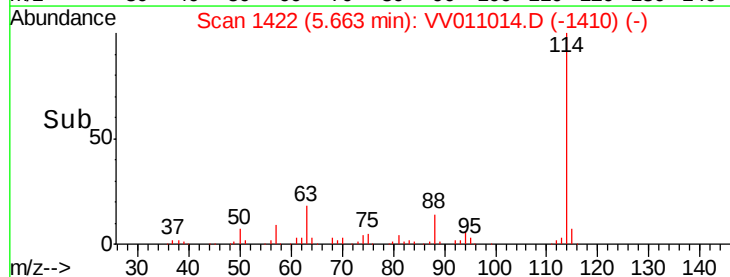
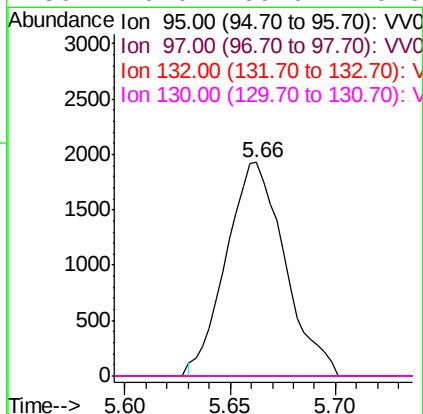
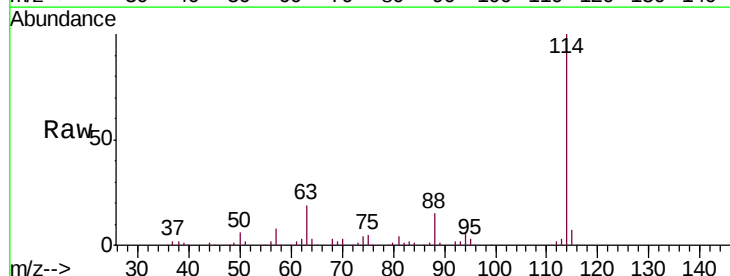
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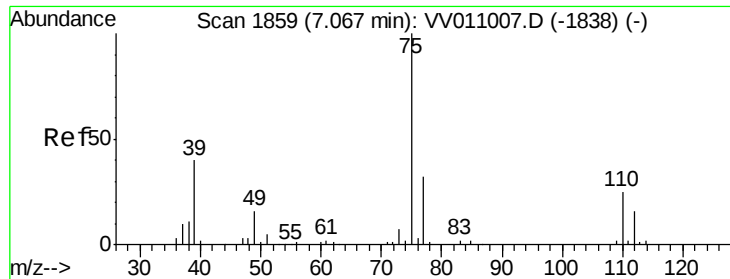
Tgt Ion: 83 Resp: 7108
Ion Ratio Lower Upper
83 100
85 73.5 45.6 84.8



#35
Trichloroethene
Concen: 1.776 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV011014.D
Acq: 22 May 2019 13:20

Tgt Ion: 95 Resp: 3709
Ion Ratio Lower Upper
95 100
97 0.0 43.4 80.6#
132 0.0 68.8 127.8#
130 0.0 69.9 129.9#

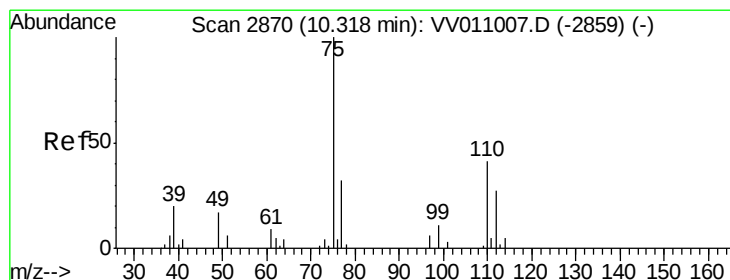
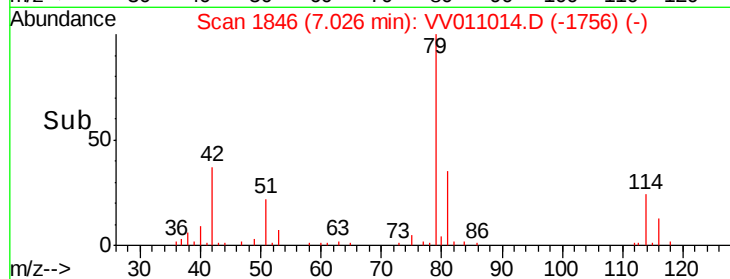
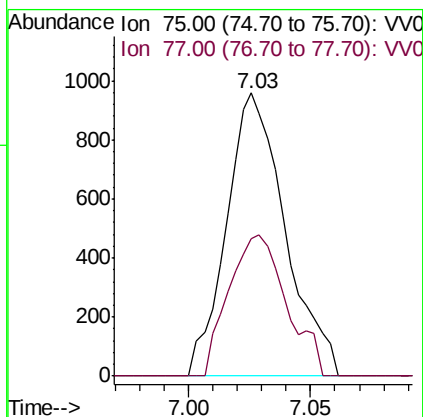
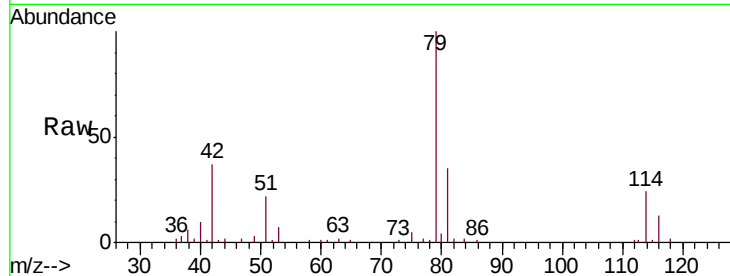




#42
 cis-1,3-Dichloropropene
 Concen: 0.542 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 1602
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.9 42.5#



#59
 1,2,3-Trichloropropane
 Concen: 4.327 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV011014.D
 Acq: 22 May 2019 13:20

Tgt Ion: 75 Resp: 7083
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.4 38.2

