

Data File : VV009514.D
Acq On : 06 Mar 2019 13:06
Operator : SY/MD
Sample : K1736-07
Misc : 5.55G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF631

Quant Time: Mar 07 02:56:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	161426	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	152371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65234	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39722	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
7) Chloroethane-d5	1.57	69	73322	26.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.36%
10) 1,1-Dichloroethene-d2	2.13	63	88588	17.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.08%
20) 2-Butanone-d5	3.95	46	30107	45.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.94%
24) Chloroform-d	4.40	84	97143	25.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.04%
26) 1,2-Dichloroethane-d4	5.08	65	59776	27.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.28%
29) Benzene-d6	5.10	84	199917	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
33) 1,2-Dichloropropane-d6	6.12	67	61774	27.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.96%
37) Toluene-d8	7.36	98	187917	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	7.67	79	25982	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.28%
39) 2-Hexanone-d5	8.13	63	23924	46.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58963	24.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	63309	26.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.36%

Target Compounds

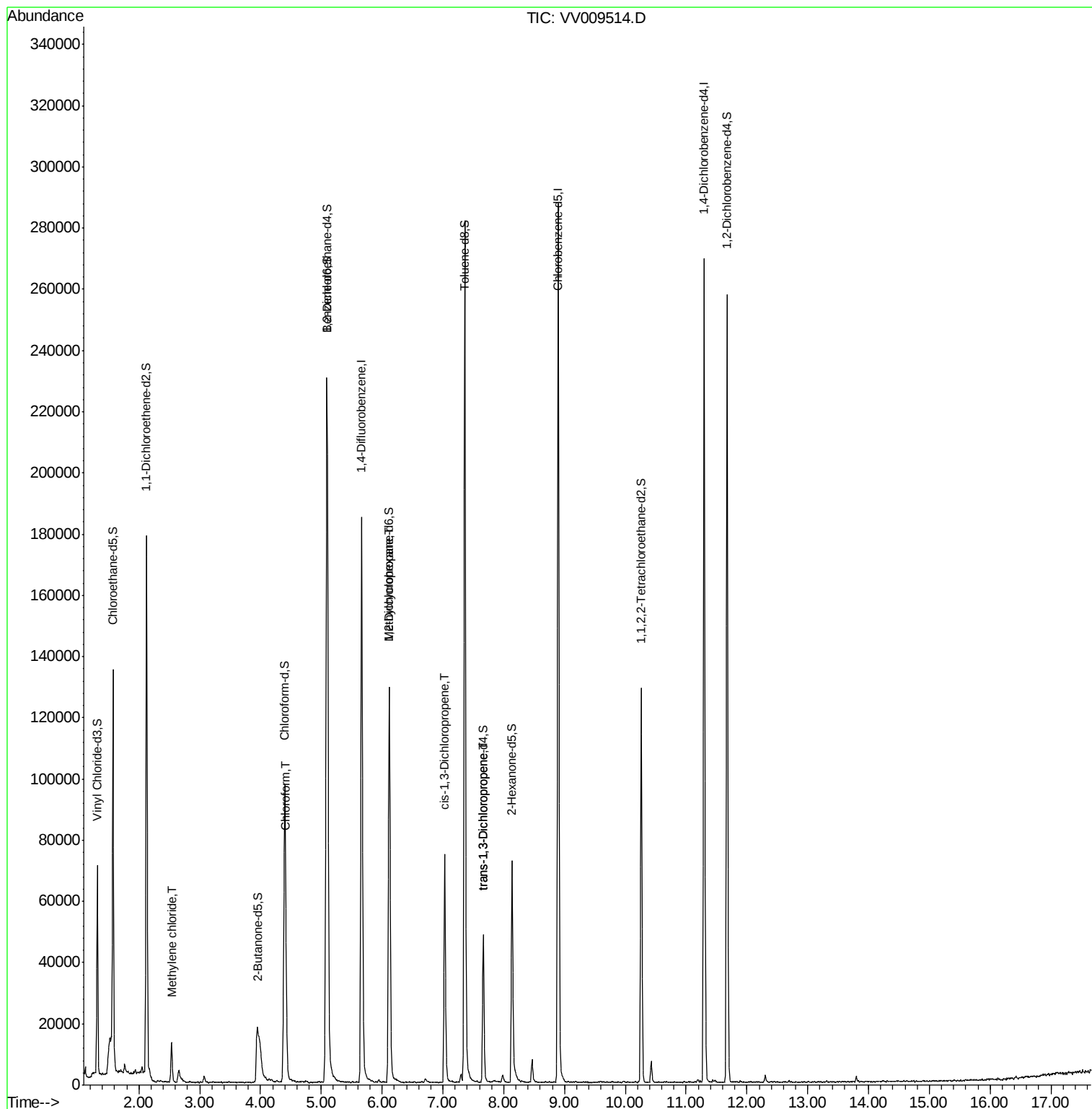
					Qvalue
16) Methylene chloride	2.53	84	5495	2.594 ug/L	91
25) Chloroform	4.42	83	3432	0.905 ug/L	78
36) Methylcyclohexane	6.12	83	14398	3.906 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	2315	0.735 ug/L #	74
45) trans-1,3-Dichloropropene	7.67	75	1442	0.524 ug/L	90

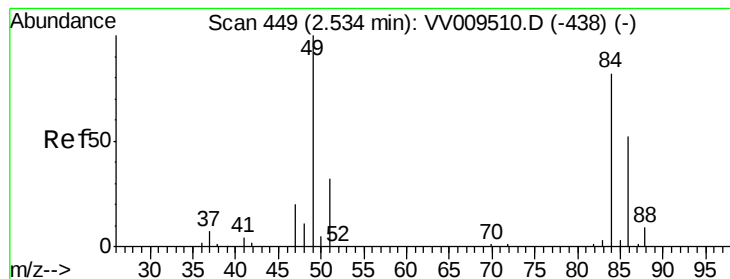
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.594 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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MSVOA_V

ClientSampleId :

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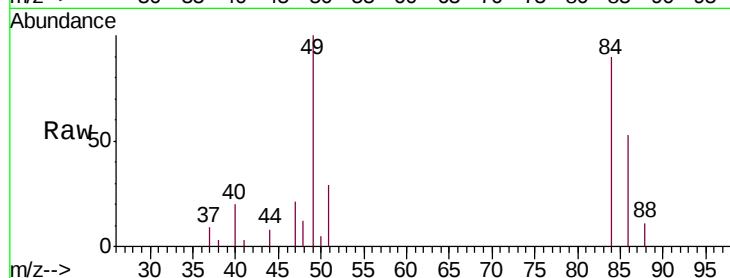
Tgt Ion: 84 Resp: 5495

Ion Ratio Lower Upper

84 100

49 111.1 84.6 157.0

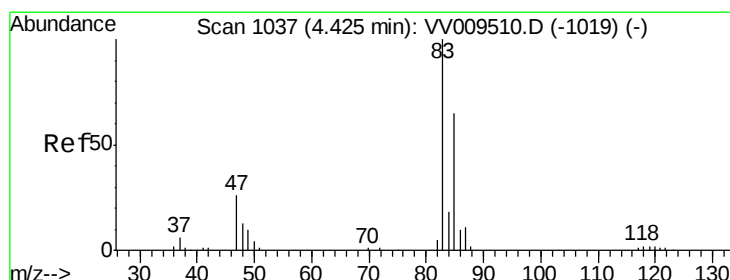
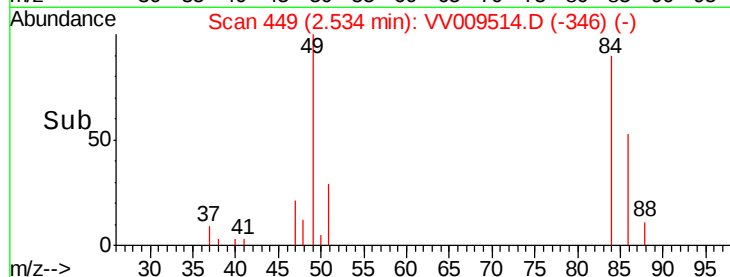
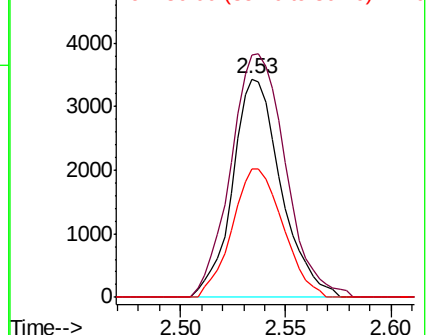
86 58.9 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009514.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009514.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009514.D (-346) (-)



#25

Chloroform

Concen: 0.905 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV009514.D

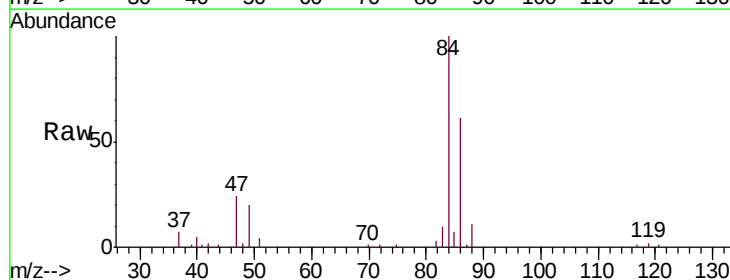
Acq: 06 Mar 2019 13:06

Tgt Ion: 83 Resp: 3432

Ion Ratio Lower Upper

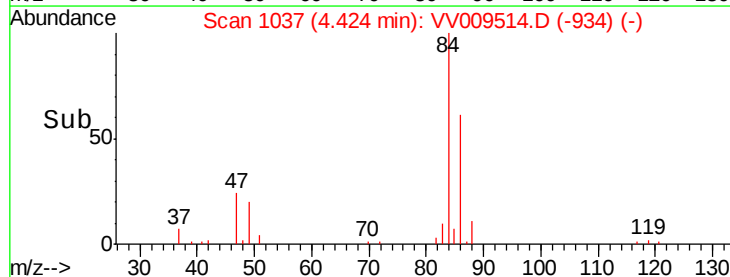
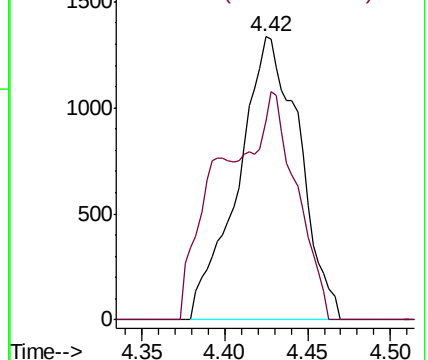
83 100

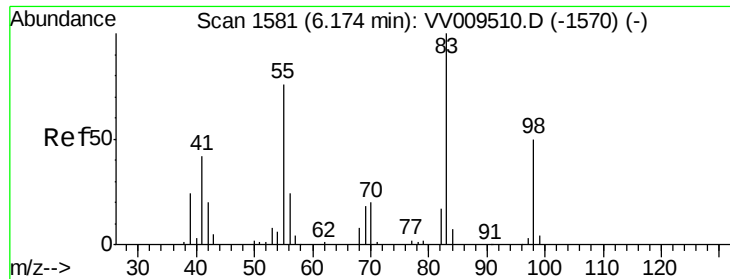
85 47.2 45.4 84.2



Abundance Ion 83.00 (82.70 to 83.70): VV009514.D (-934) (-)

Ion 85.00 (84.70 to 85.70): VV009514.D (-934) (-)

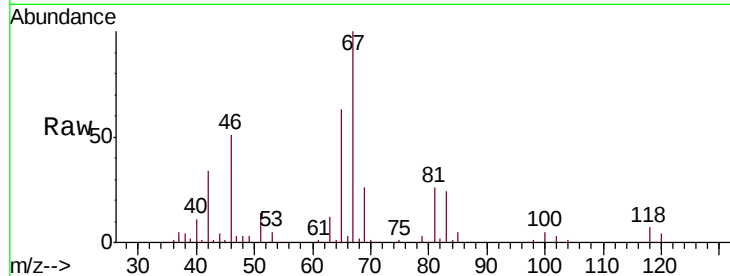




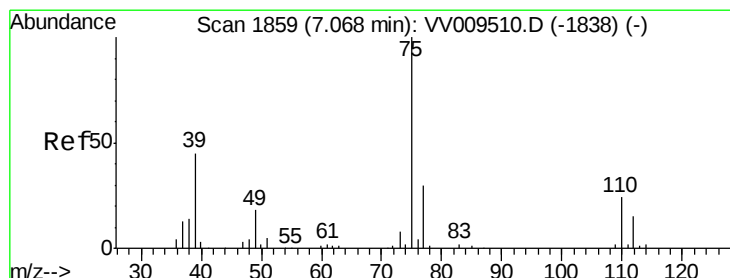
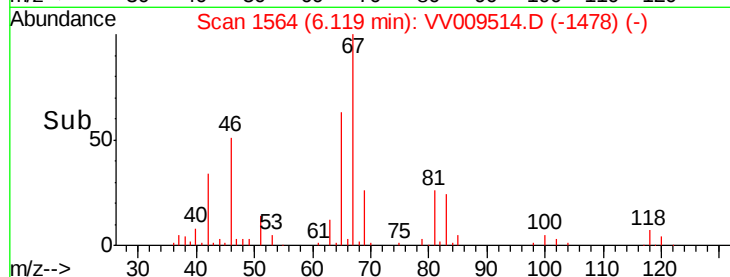
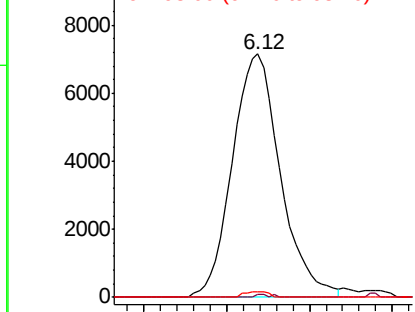
#36
Methylcyclohexane
Concen: 3.906 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 14398
Ion Ratio Lower Upper
83 100
55 0.3 58.8 88.2#
98 1.2 37.7 56.5#

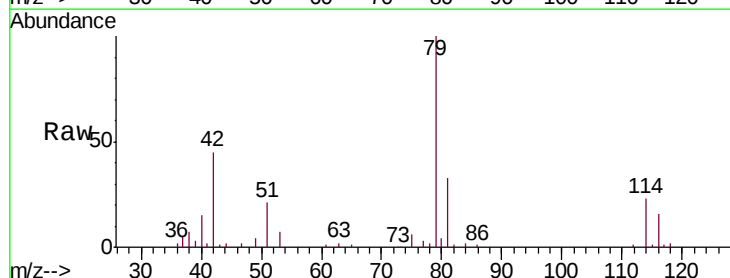


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

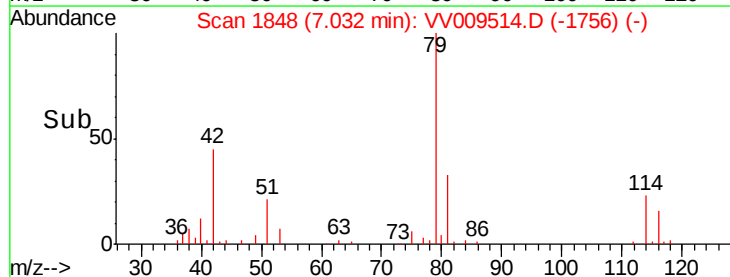
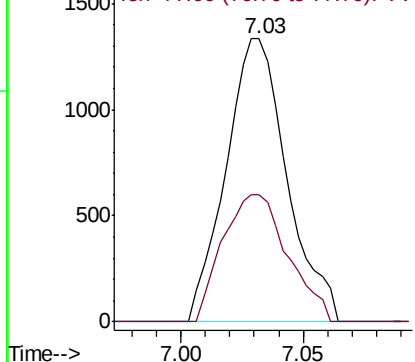


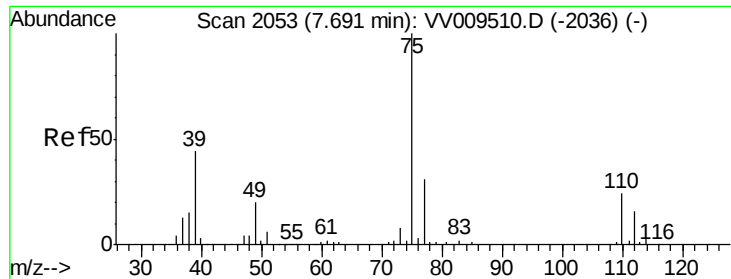
#42
cis-1,3-Dichloropropene
Concen: 0.735 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009514.D
Acq: 06 Mar 2019 13:06

Tgt Ion: 75 Resp: 2315
Ion Ratio Lower Upper
75 100
77 44.8 21.4 39.8#



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





#45

trans-1,3-Dichloropropene

Concen: 0.524 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009514.D

Acq: 06 Mar 2019 13:06

Instrument :

MSVOA_V

ClientSampleId :

BF631

Tgt Ion: 75 Resp: 1442

Ion Ratio Lower Upper

75 100

77 37.9 22.5 41.7

