

Data File : VV009922.D
Acq On : 27 Mar 2019 12:40
Operator : SY/MD
Sample : K2101-08
Misc : 5.77G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0K6

Quant Time: Mar 28 05:15:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172476	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168326	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70498	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81713	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	91959	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
10) 1,1-Dichloroethene-d2	2.13	63	181084	18.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.64%
20) 2-Butanone-d5	3.93	46	26067	39.97	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
24) Chloroform-d	4.40	84	95121	21.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	62187	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.08%
29) Benzene-d6	5.10	84	232255	26.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.08%
33) 1,2-Dichloropropane-d6	6.12	67	70720	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.40%
37) Toluene-d8	7.36	98	210716	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.72%
38) trans-1,3-Dichloropropene-	7.66	79	23155	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	8.13	63	18074	37.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.88%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52457	20.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	69437	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

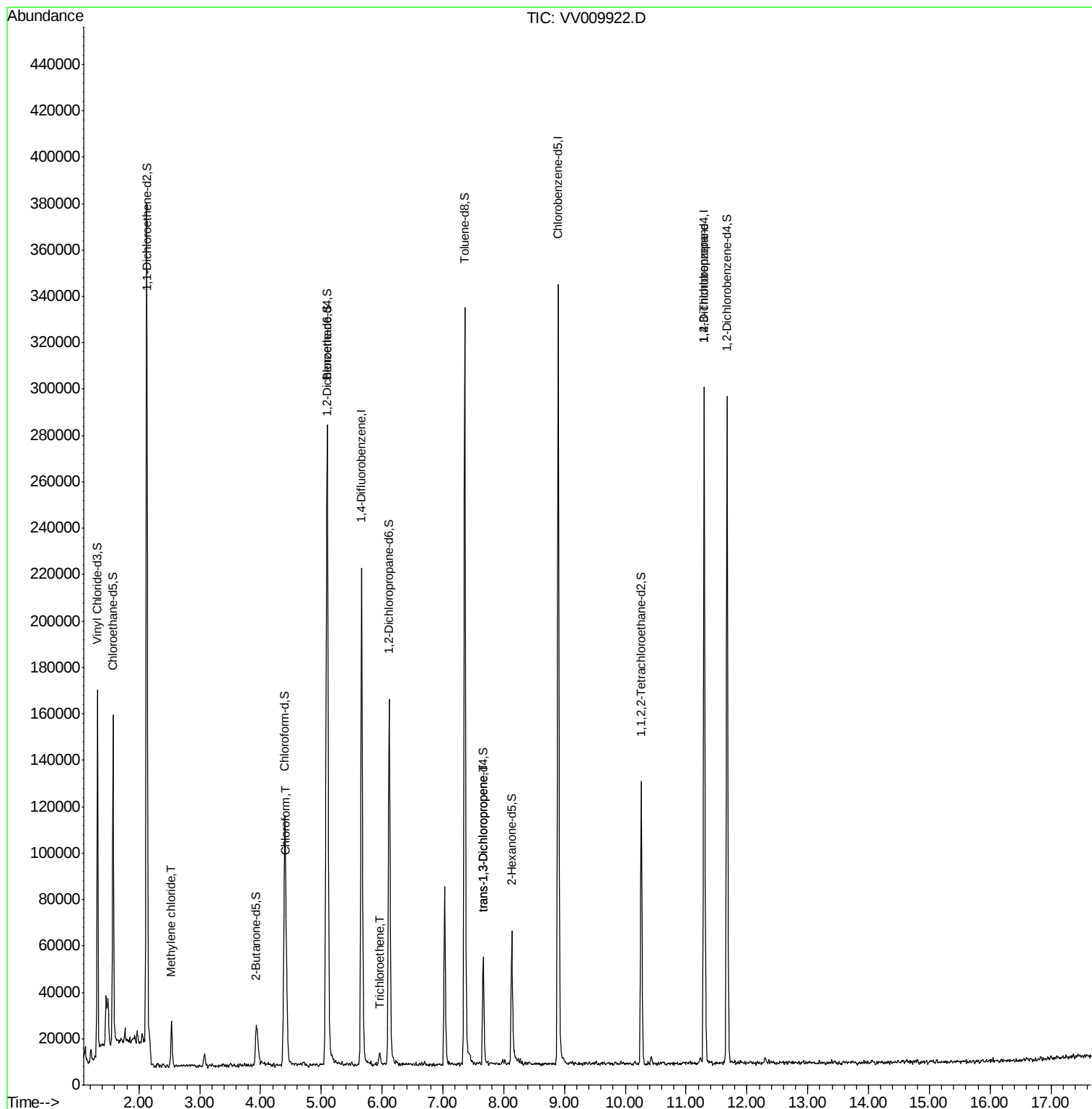
					Qvalue
16) Methylene chloride	2.54	84	7913	2.786 ug/L	90
25) Chloroform	4.43	83	21179	4.635 ug/L	96
35) Trichloroethene	5.96	95	1094	0.449 ug/L #	72
45) trans-1,3-Dichloropropene	7.67	75	1452	0.527 ug/L #	81
59) 1,2,3-Trichloropropane	11.30	75	11437	6.154 ug/L	92

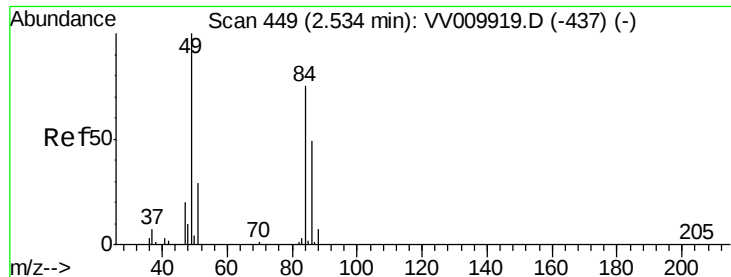
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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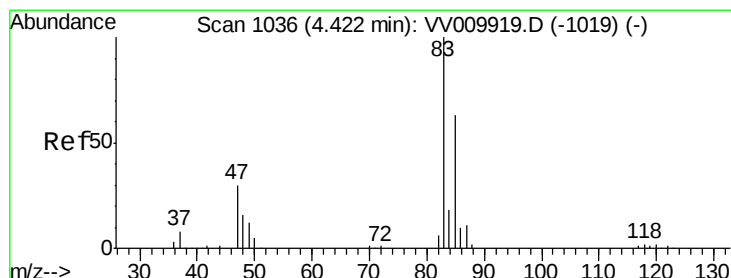
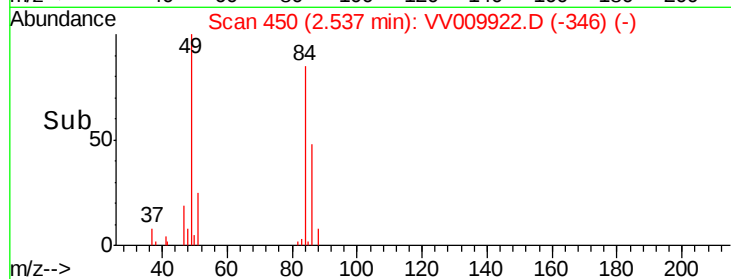
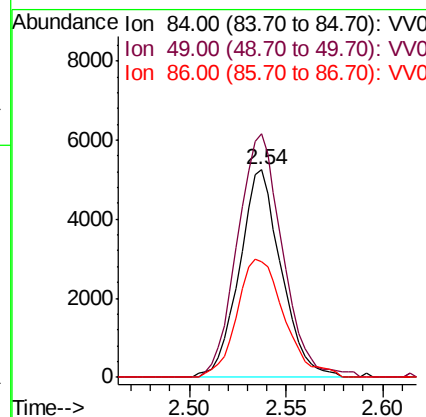
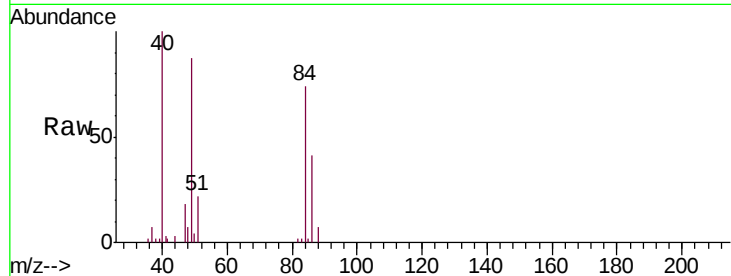




#16
Methylene chloride
Concen: 2.786 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009922.D
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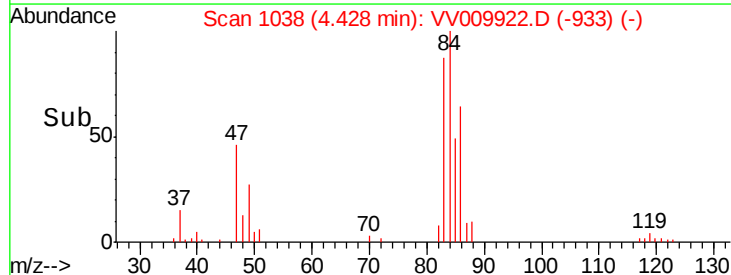
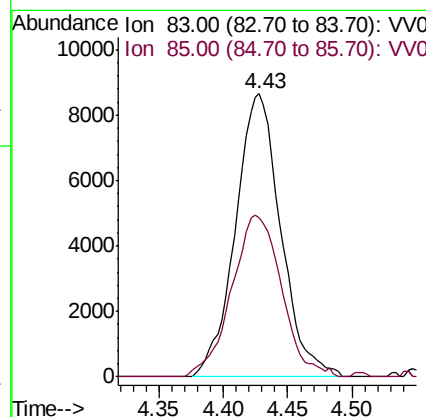
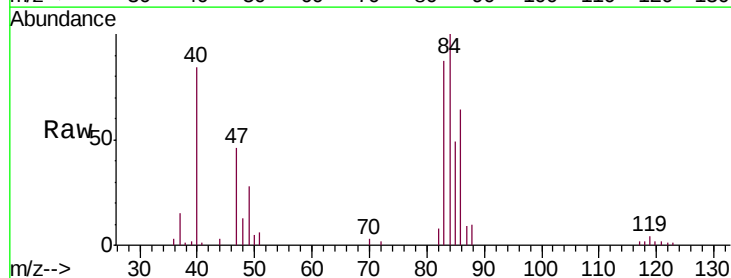
Instrument :
MSVOA_V
ClientSampleId :
BF0K6

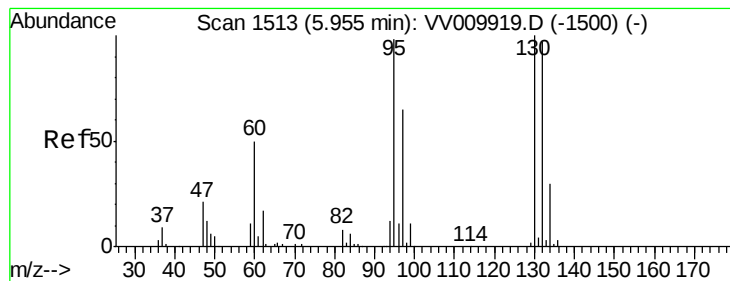
Tgt Ion: 84 Resp: 7913
Ion Ratio Lower Upper
84 100
49 117.3 90.4 167.8
86 55.9 44.0 81.6



#25
Chloroform
Concen: 4.635 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009922.D
Acq: 27 Mar 2019 12:40

Tgt Ion: 83 Resp: 21179
Ion Ratio Lower Upper
83 100
85 62.6 46.1 85.7





#35

Trichloroethene

Concen: 0.449 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV009922.D

Acq: 27 Mar 2019 12:40

Instrument :

MSVOA_V

ClientSampleId :

BF0K6

Tgt Ion: 95 Resp: 1094

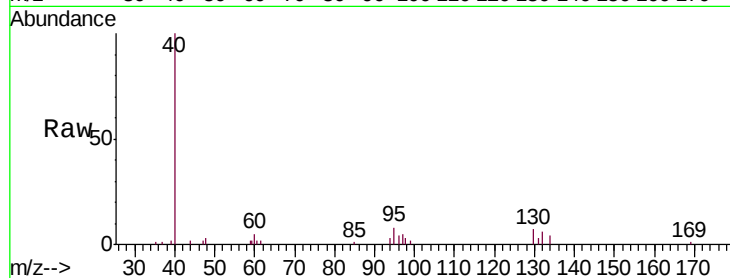
Ion Ratio Lower Upper

95 100

97 58.6 46.3 85.9

132 51.5 69.3 128.7#

130 119.8 69.5 129.1

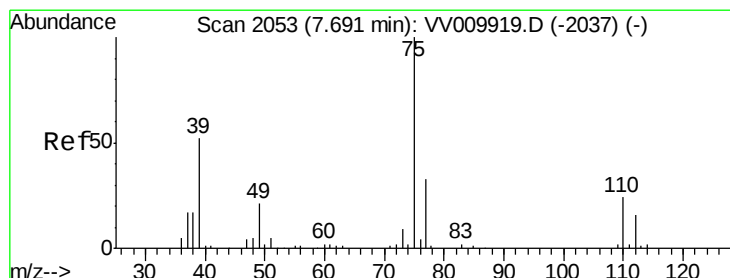
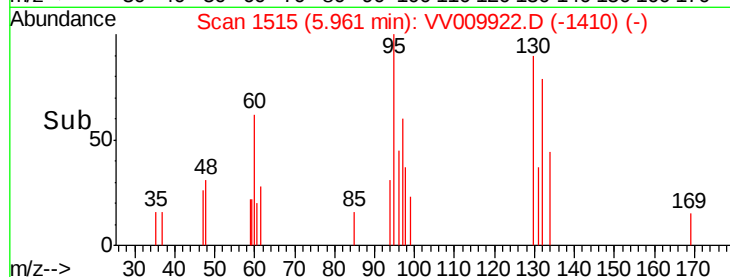
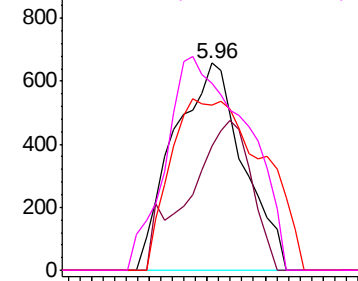


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#45

trans-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009922.D

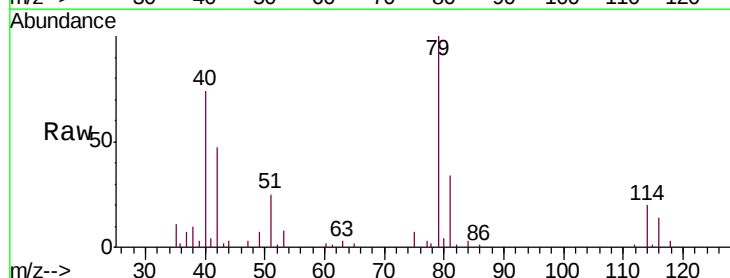
Acq: 27 Mar 2019 12:40

Tgt Ion: 75 Resp: 1452

Ion Ratio Lower Upper

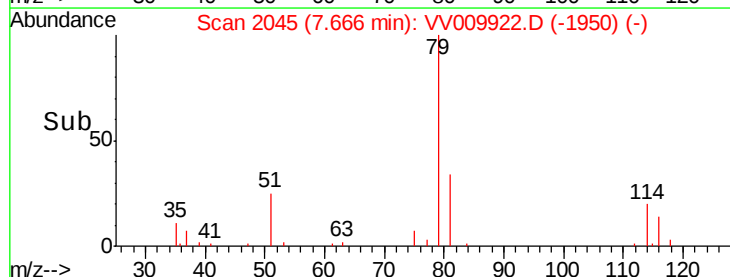
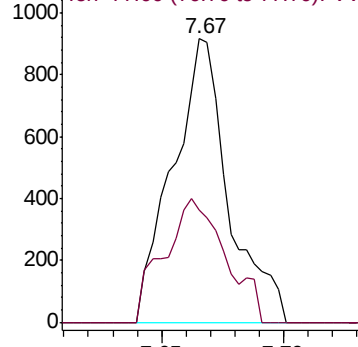
75 100

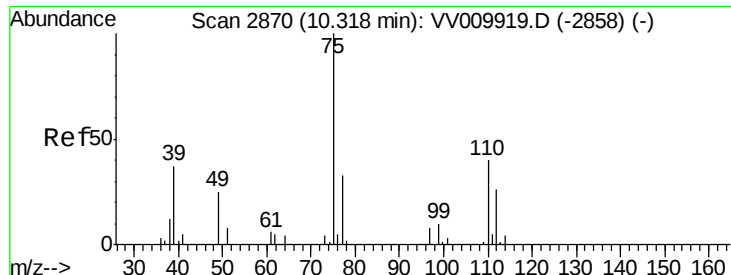
77 39.6 20.7 38.5#



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: 6.154 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009922.D

Acq: 27 Mar 2019 12:40

Instrument :

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Tgt Ion: 75 Resp: 11437

Ion Ratio Lower Upper

75 100

77 37.5 26.2 39.2

