

Data File : VV009354.D
Acq On : 25 Feb 2019 17:54
Operator : SY/MD
Sample : K1601-06
Misc : 5.39G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7Y0

Quant Time: Feb 26 02:50:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106743	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35666	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34271	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.52%
7) Chloroethane-d5	1.58	69	52936	31.51	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	126.04%
10) 1,1-Dichloroethene-d2	2.13	63	67090	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.84%
20) 2-Butanone-d5	3.95	46	16564	33.33	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.66%
24) Chloroform-d	4.40	84	54976	22.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.72%
26) 1,2-Dichloroethane-d4	5.08	65	30737	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	5.10	84	115507	24.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.56%
33) 1,2-Dichloropropane-d6	6.12	67	36827	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.76%
37) Toluene-d8	7.36	98	105412	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.48%
38) trans-1,3-Dichloropropene-	7.67	79	15144	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.52%
39) 2-Hexanone-d5	8.14	63	15900	41.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34043	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	29380	22.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.72%

Target Compounds

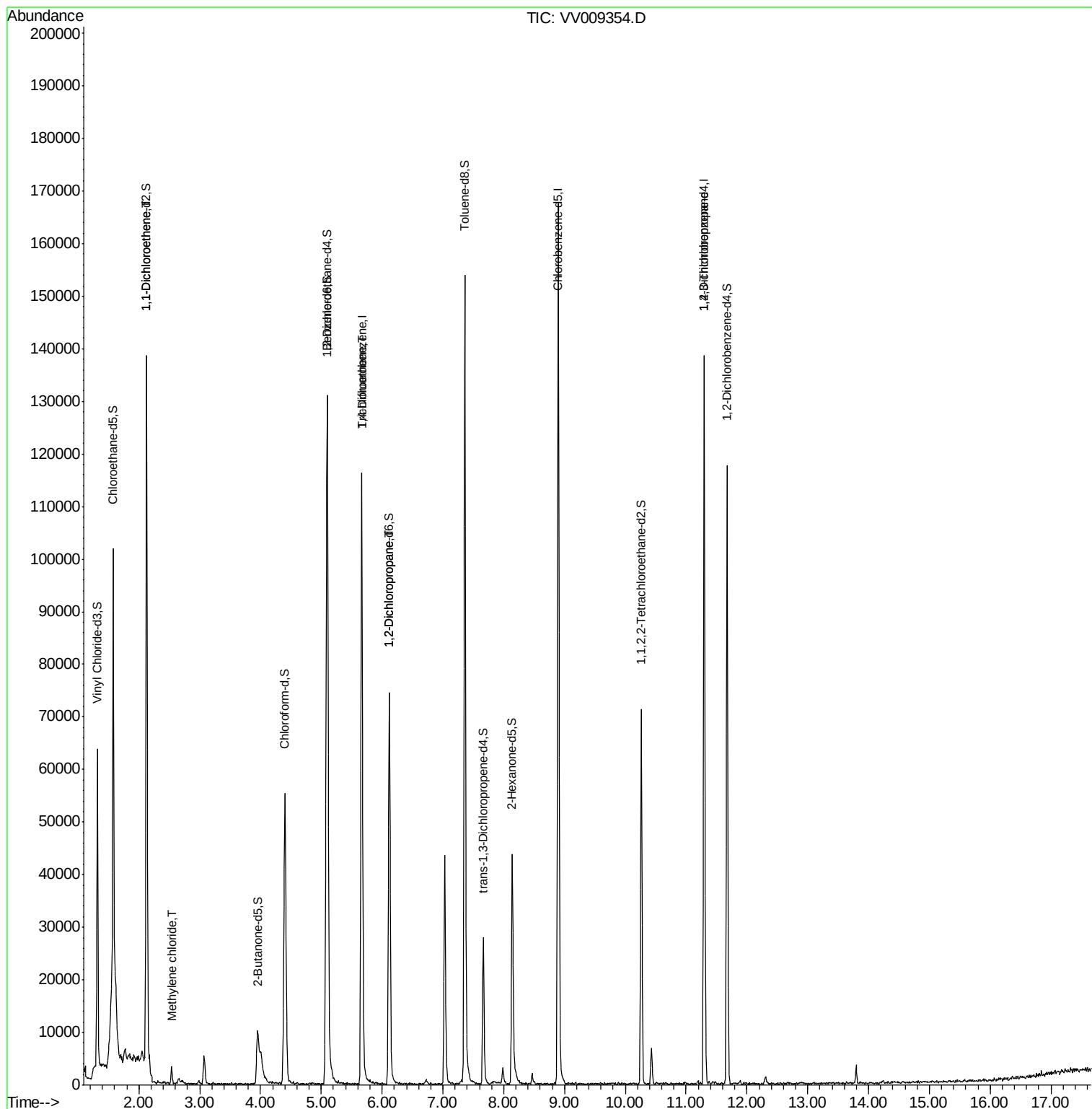
					Qvalue
12) 1,1-Dichloroethene	2.13	96	697	0.445 ug/L #	1
16) Methylene chloride	2.53	84	1394	0.863 ug/L	88
35) Trichloroethene	5.66	95	2978	2.095 ug/L #	4
40) 1,2-Dichloropropane	6.12	63	4040	3.257 ug/L #	85
59) 1,2,3-Trichloropropane	11.30	75	5011	4.486 ug/L	93

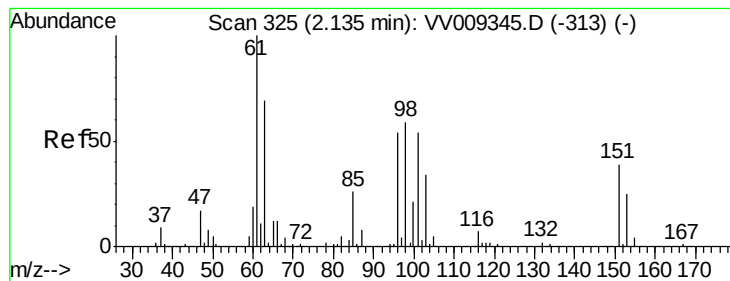
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.445 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

BF7Y0

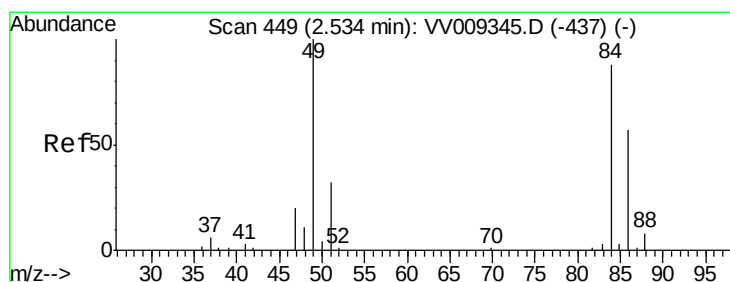
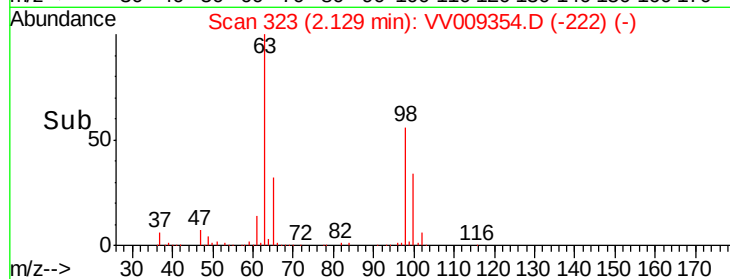
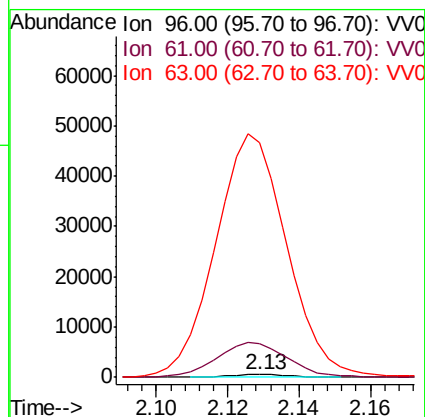
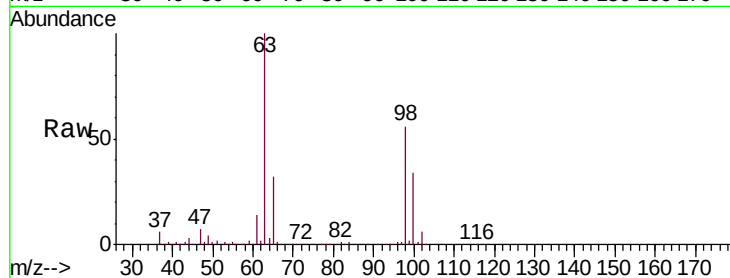
Tgt Ion: 96 Resp: 697

Ion Ratio Lower Upper

96 100

61 1187.2 123.3 228.9#

63 8397.8 88.4 164.2#



#16

Methylene chloride

Concen: 0.863 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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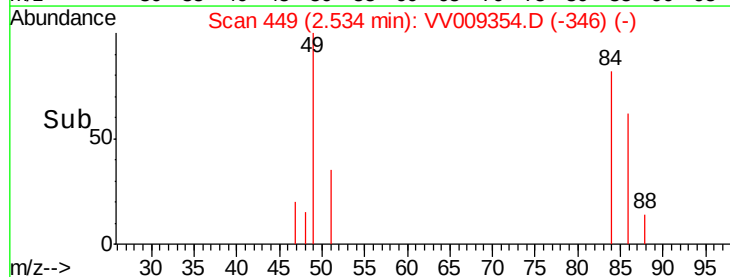
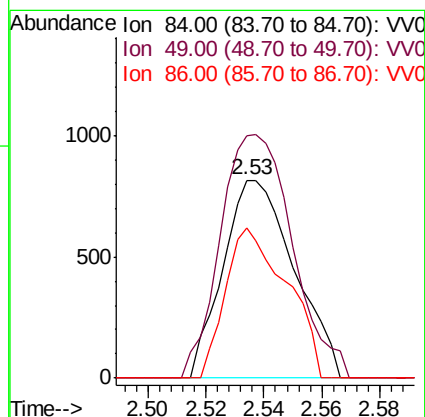
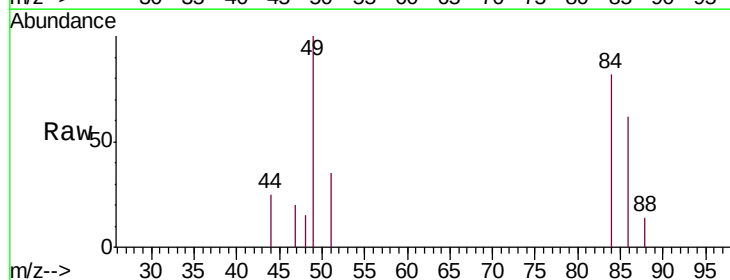
Tgt Ion: 84 Resp: 1394

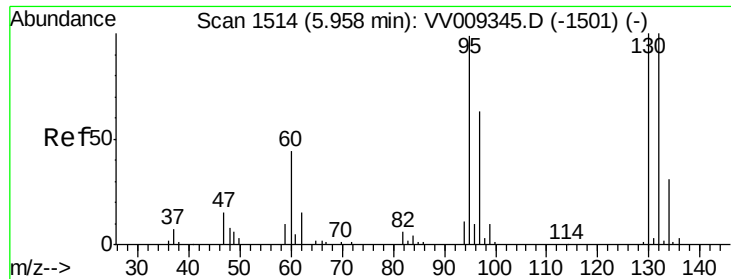
Ion Ratio Lower Upper

84 100

49 122.4 78.7 146.1

86 76.1 44.0 81.6





#35

Trichloroethene

Concen: 2.095 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

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Instrument :

MSVOA_V

ClientSampleId :

BF7Y0

Tgt Ion: 95 Resp: 2978

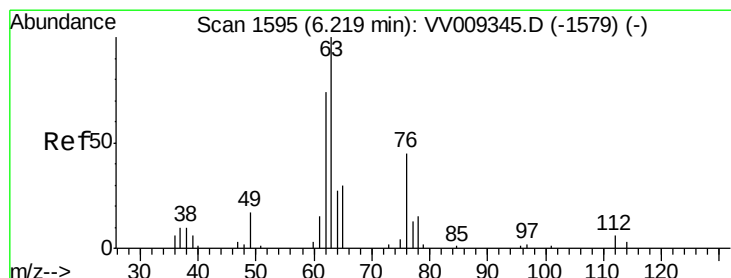
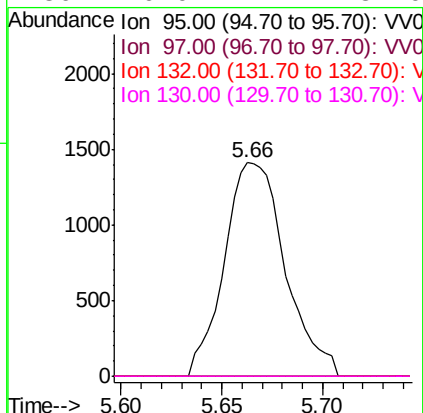
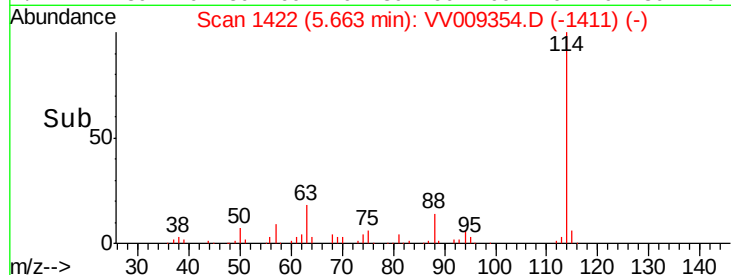
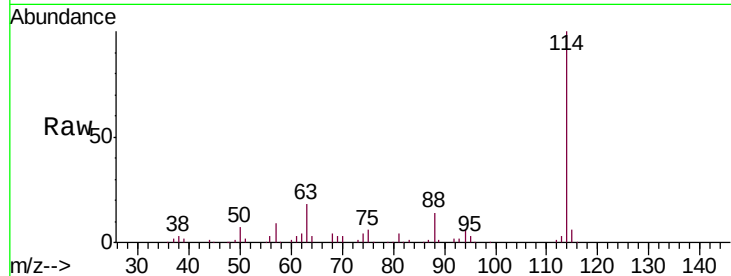
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 68.7 127.5#

130 0.0 72.2 134.0#



#40

1,2-Dichloropropane

Concen: 3.257 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

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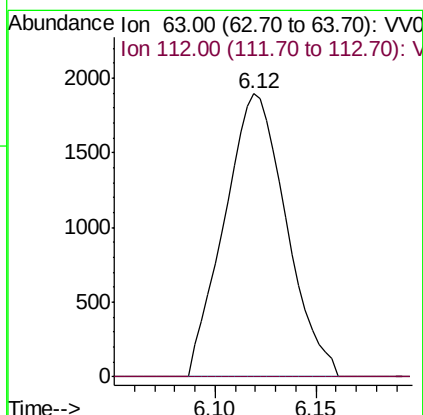
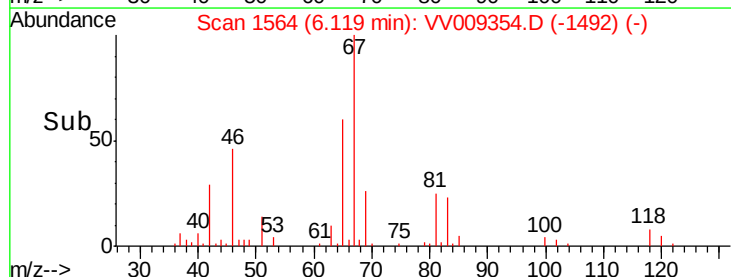
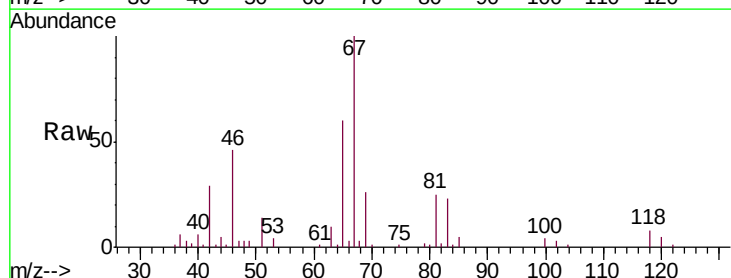
Acq: 25 Feb 2019 17:54

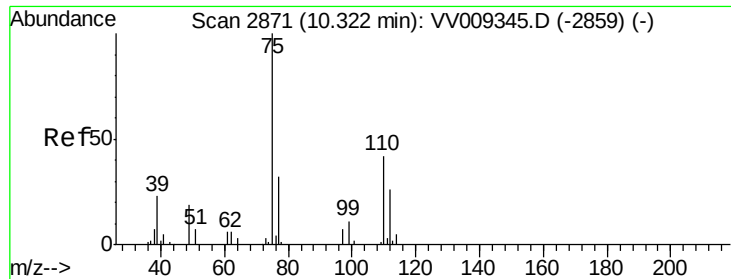
Tgt Ion: 63 Resp: 4040

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.486 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
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 MSVOA_V
 ClientSampleId :
 BF7Y0

Tgt Ion: 75 Resp: 5011
 Ion Ratio Lower Upper
 75 100
 77 36.7 26.3 39.5

