

Data File : VV009398.D
Acq On : 27 Feb 2019 15:12
Operator : SY/MD
Sample : K1626-05
Misc : 4.89G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF664

Quant Time: Feb 28 04:36:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	180913	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159586	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36630	16.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.36%
7) Chloroethane-d5	1.58	69	60423	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.68%
10) 1,1-Dichloroethene-d2	2.13	63	80989	13.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.84%
20) 2-Butanone-d5	3.95	46	20458	29.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.66%
24) Chloroform-d	4.40	84	85860	19.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.28%
26) 1,2-Dichloroethane-d4	5.08	65	46886	19.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.24%
29) Benzene-d6	5.10	84	173043	20.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.60%
33) 1,2-Dichloropropane-d6	6.12	67	54870	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.28%
37) Toluene-d8	7.36	98	166030	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.60%
38) trans-1,3-Dichloropropene-	7.67	79	21208	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	8.14	63	16578	31.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39948	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	43531	18.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.88%#

Target Compounds

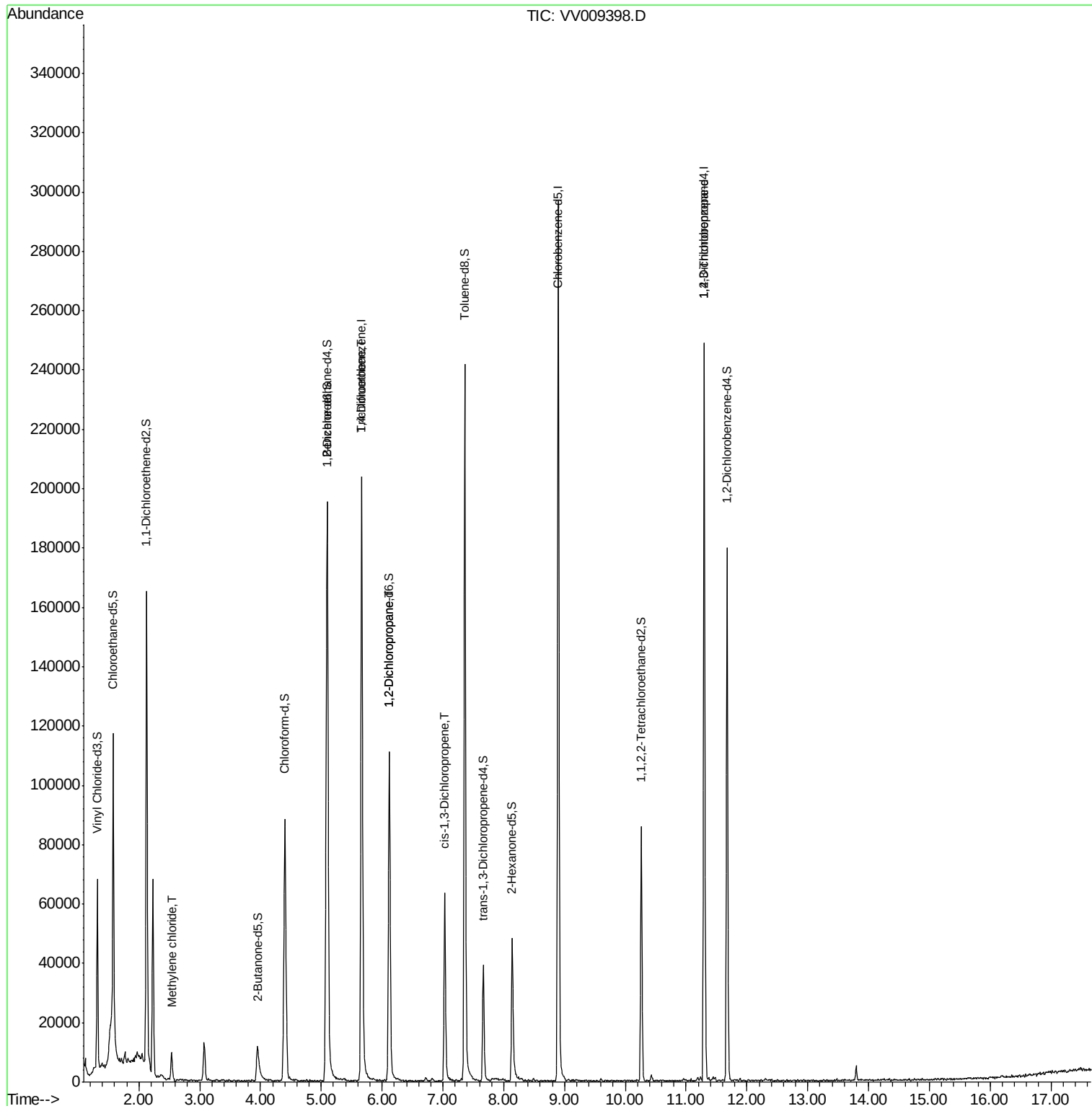
					Qvalue
16) Methylene chloride	2.54	84	4290	1.751 ug/L	90
35) Trichloroethene	5.66	95	5210	2.115 ug/L #	6
40) 1,2-Dichloropropane	6.12	63	6440	2.913 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1861	0.530 ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	9056	5.121 ug/L #	87

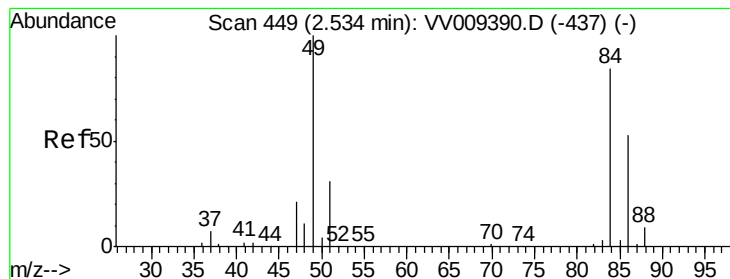
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.751 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009398.D

Acq: 27 Feb 2019 15:12

Instrument :

MSVOA_V

ClientSampleId :

BF664

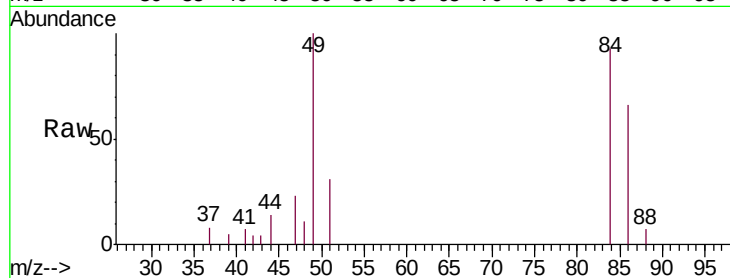
Tgt Ion: 84 Resp: 4290

Ion Ratio Lower Upper

84 100

49 107.6 84.6 157.0

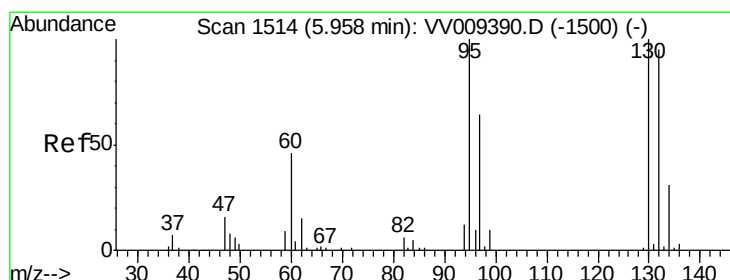
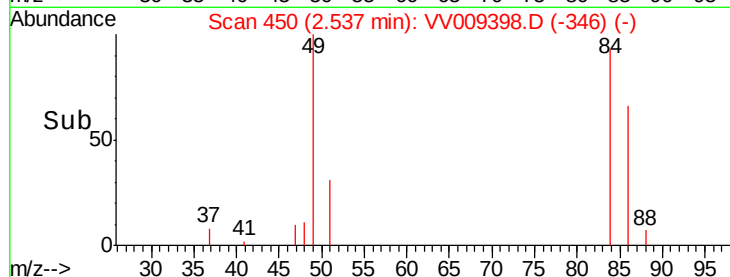
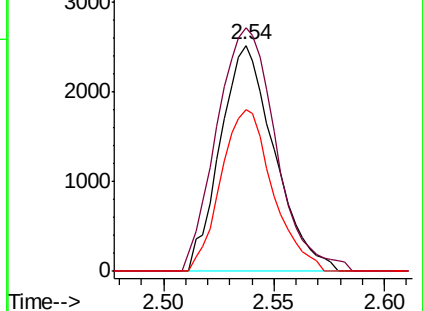
86 71.4 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009398.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VV009398.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VV009398.D (-450) (-)



#35

Trichloroethene

Concen: 2.115 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV009398.D

Acq: 27 Feb 2019 15:12

Tgt Ion: 95 Resp: 5210

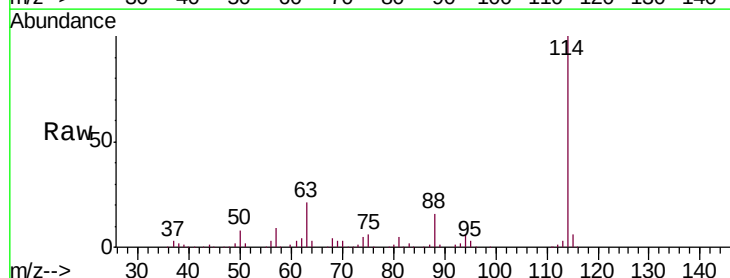
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#

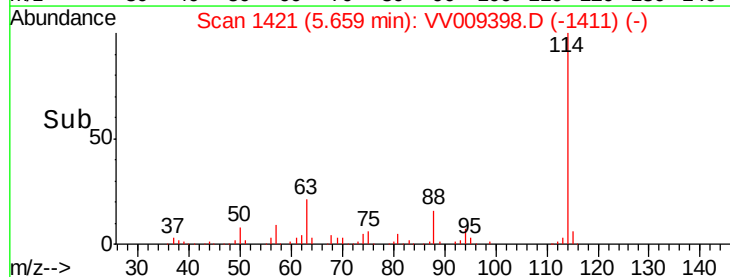
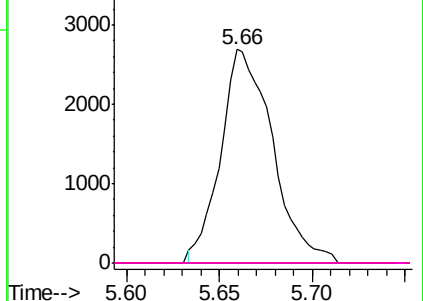


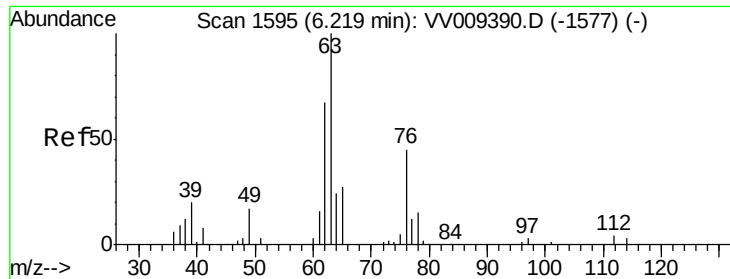
Abundance Ion 95.00 (94.70 to 95.70): VV009398.D (-1421) (-)

Ion 97.00 (96.70 to 97.70): VV009398.D (-1421) (-)

Ion 132.00 (131.70 to 132.70): VV009398.D (-1421) (-)

Ion 130.00 (129.70 to 130.70): VV009398.D (-1421) (-)

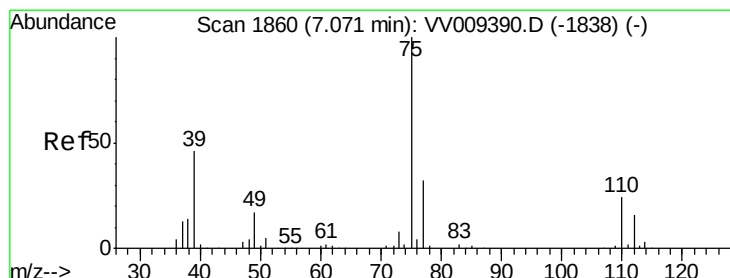
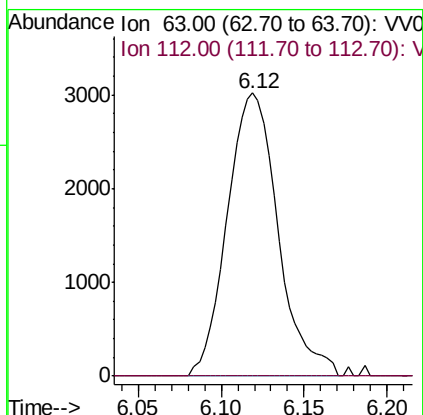
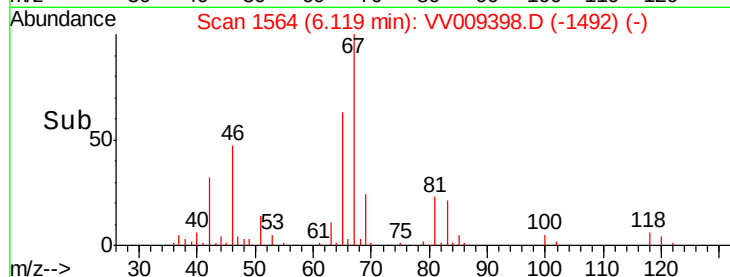
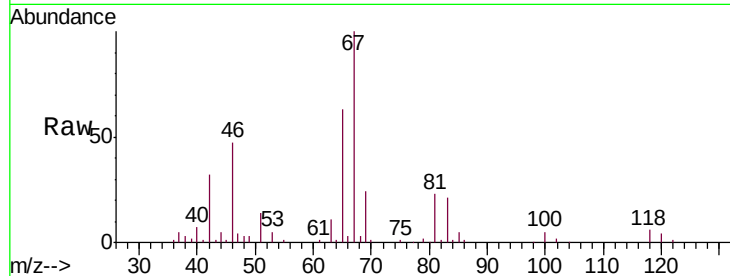




#40
 1,2-Dichloropropane
 Concen: 2.913 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009398.D
 Acq: 27 Feb 2019 15:12

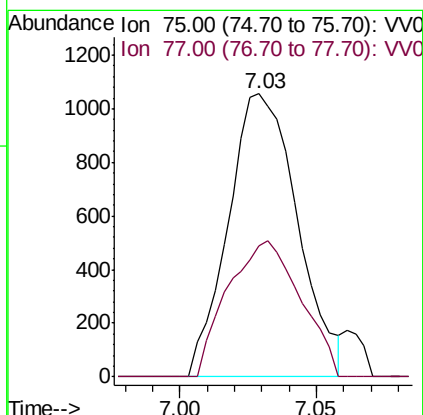
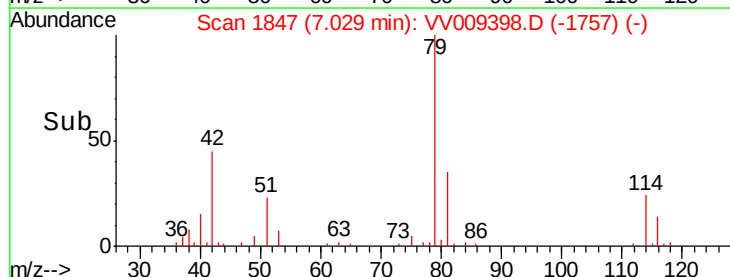
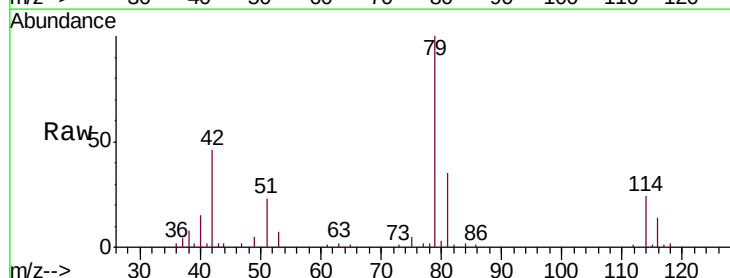
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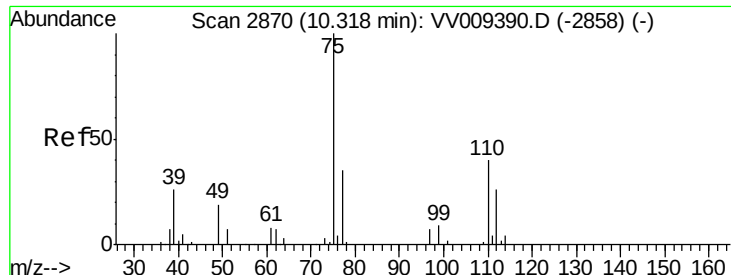
Tgt Ion: 63 Resp: 6440
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.530 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009398.D
 Acq: 27 Feb 2019 15:12

Tgt Ion: 75 Resp: 1861
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.4 39.8#





#59

1,2,3-Trichloropropane

Concen: 5.121 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009398.D

Acq: 27 Feb 2019 15:12

Instrument :

MSVOA_V

ClientSampleId :

BF664

Tgt Ion: 75 Resp: 9056

Ion Ratio Lower Upper

75 100

77 39.6 25.9 38.9#

