

Data File : VV010748.D
Acq On : 09 May 2019 03:57
Operator : SY/MD
Sample : K2692-04
Misc : 6.66G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5173

Quant Time: May 09 04:46:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	102706	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	98213	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38408	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25789	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.64%
7) Chloroethane-d5	1.56	69	24839	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
10) 1,1-Dichloroethene-d2	2.11	63	40722	11.77	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.08%
20) 2-Butanone-d5	3.93	46	22806	47.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.26%
24) Chloroform-d	4.39	84	55341	19.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.04%
26) 1,2-Dichloroethane-d4	5.07	65	39438	22.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.20%
29) Benzene-d6	5.09	84	104729	20.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.04%
33) 1,2-Dichloropropane-d6	6.11	67	35754	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.84%
37) Toluene-d8	7.36	98	93560	18.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.60%
38) trans-1,3-Dichloropropene-	7.66	79	13942	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.28%
39) 2-Hexanone-d5	8.13	63	16763	48.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34826	22.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	31683	21.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.20%

Target Compounds

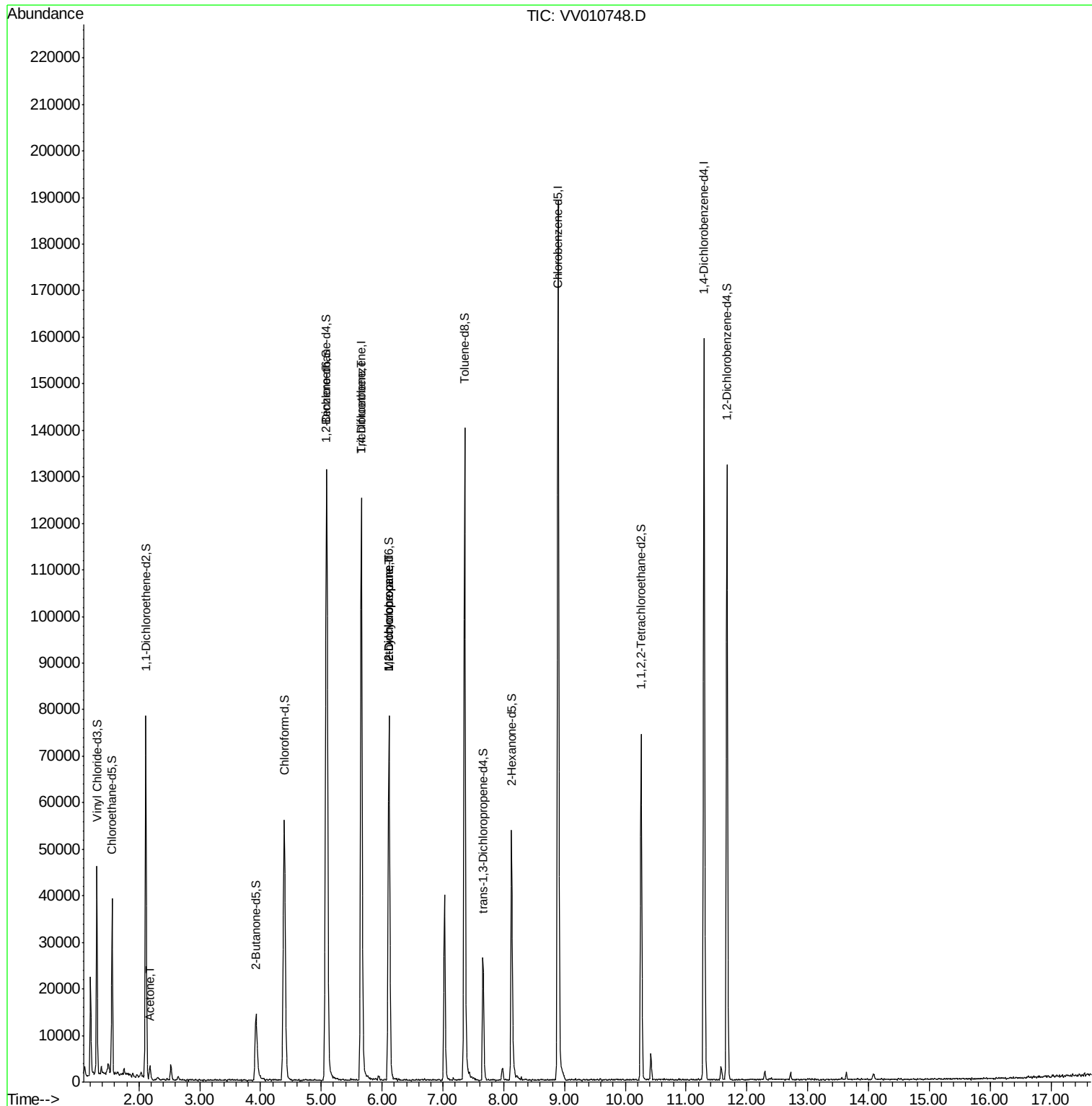
					Qvalue
13) Acetone	2.18	43	2778	3.748 ug/L	88
35) Trichloroethene	5.66	95	3011	1.864 ug/L #	7
36) Methylcyclohexane	6.11	83	8029	3.102 ug/L #	17
40) 1,2-Dichloropropane	6.11	63	4257	2.776 ug/L #	87

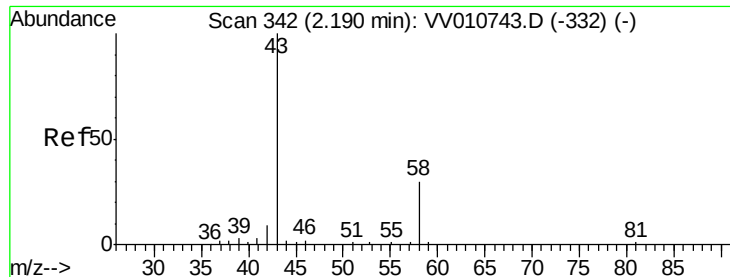
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.748 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

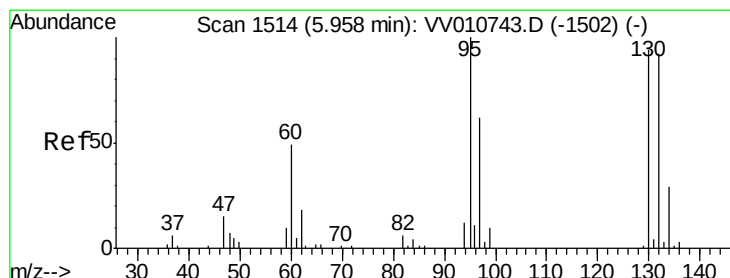
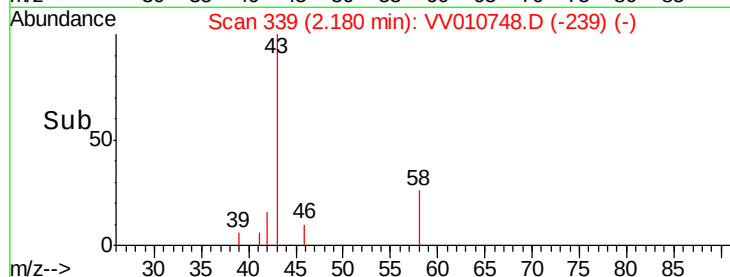
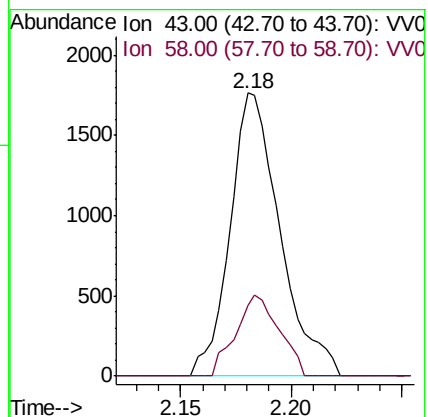
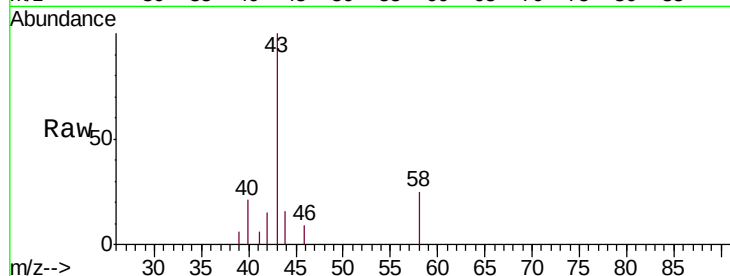
A5173

Tgt Ion: 43 Resp: 2778

Ion Ratio Lower Upper

43 100

58 24.8 0.0 63.4



#35

Trichloroethene

Concen: 1.864 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

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Tgt Ion: 95 Resp: 3011

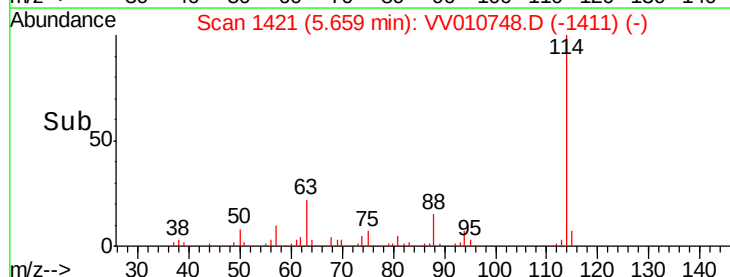
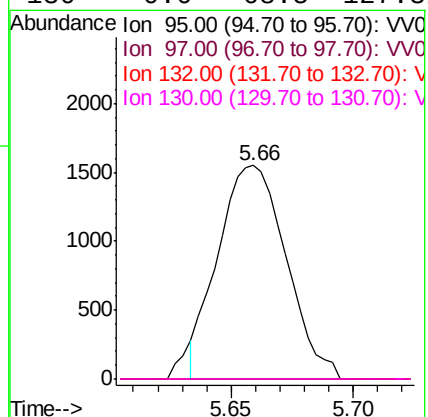
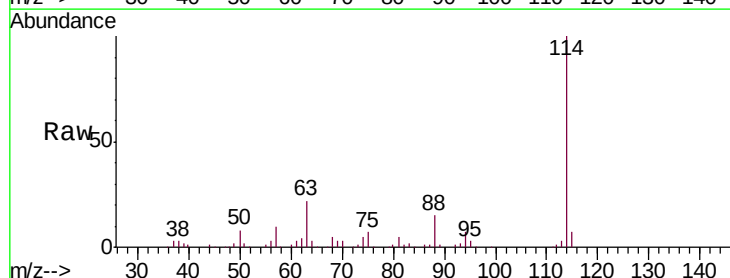
Ion Ratio Lower Upper

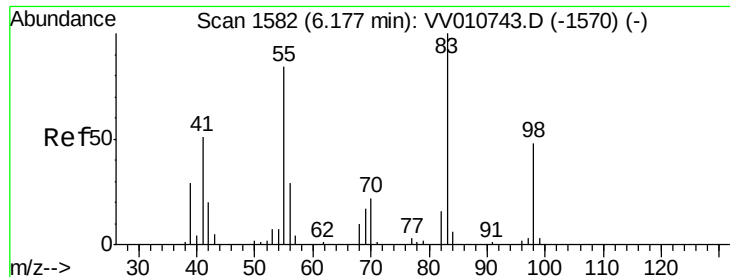
95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

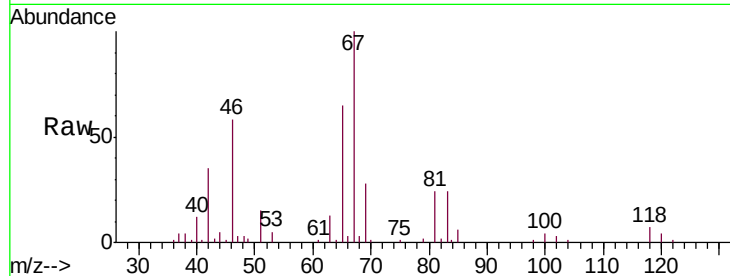




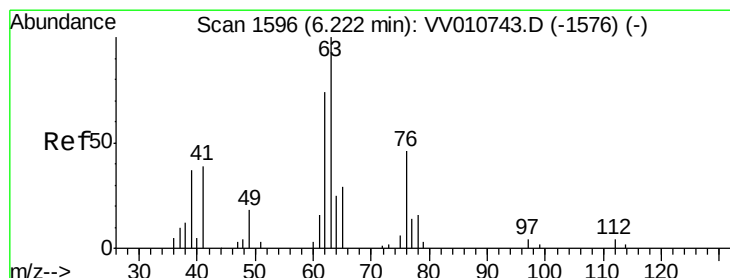
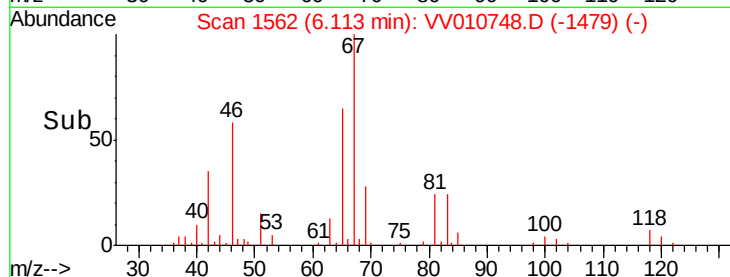
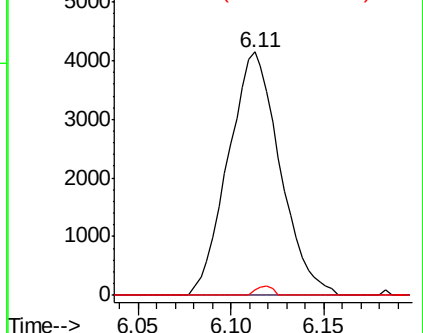
#36
Methylcyclohexane
Concen: 3.102 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 8029
Ion Ratio Lower Upper
83 100
55 0.0 64.6 96.8#
98 1.2 37.7 56.5#

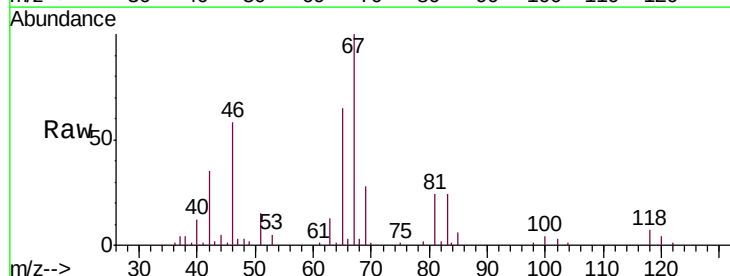


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#40
1,2-Dichloropropane
Concen: 2.776 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
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Tgt Ion: 63 Resp: 4257
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

