

Data File : VV010778.D
Acq On : 09 May 2019 20:22
Operator : SY/MD
Sample : K2690-08RE
Misc : 5.11G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5154

Quant Time: May 10 05:47:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	94942	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	94736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40727	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29077	19.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.84%
7) Chloroethane-d5	1.57	69	27953	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
10) 1,1-Dichloroethene-d2	2.12	63	50351	15.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	3.93	46	19570	44.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.44%
24) Chloroform-d	4.40	84	61933	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	5.08	65	39610	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.00%
29) Benzene-d6	5.10	84	115754	23.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.84%
33) 1,2-Dichloropropane-d6	6.12	67	39469	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.36%
37) Toluene-d8	7.36	98	104275	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.36%
38) trans-1,3-Dichloropropene-	7.66	79	15079	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.28%
39) 2-Hexanone-d5	8.13	63	16370	49.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35873	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	41049	26.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.08%

Target Compounds

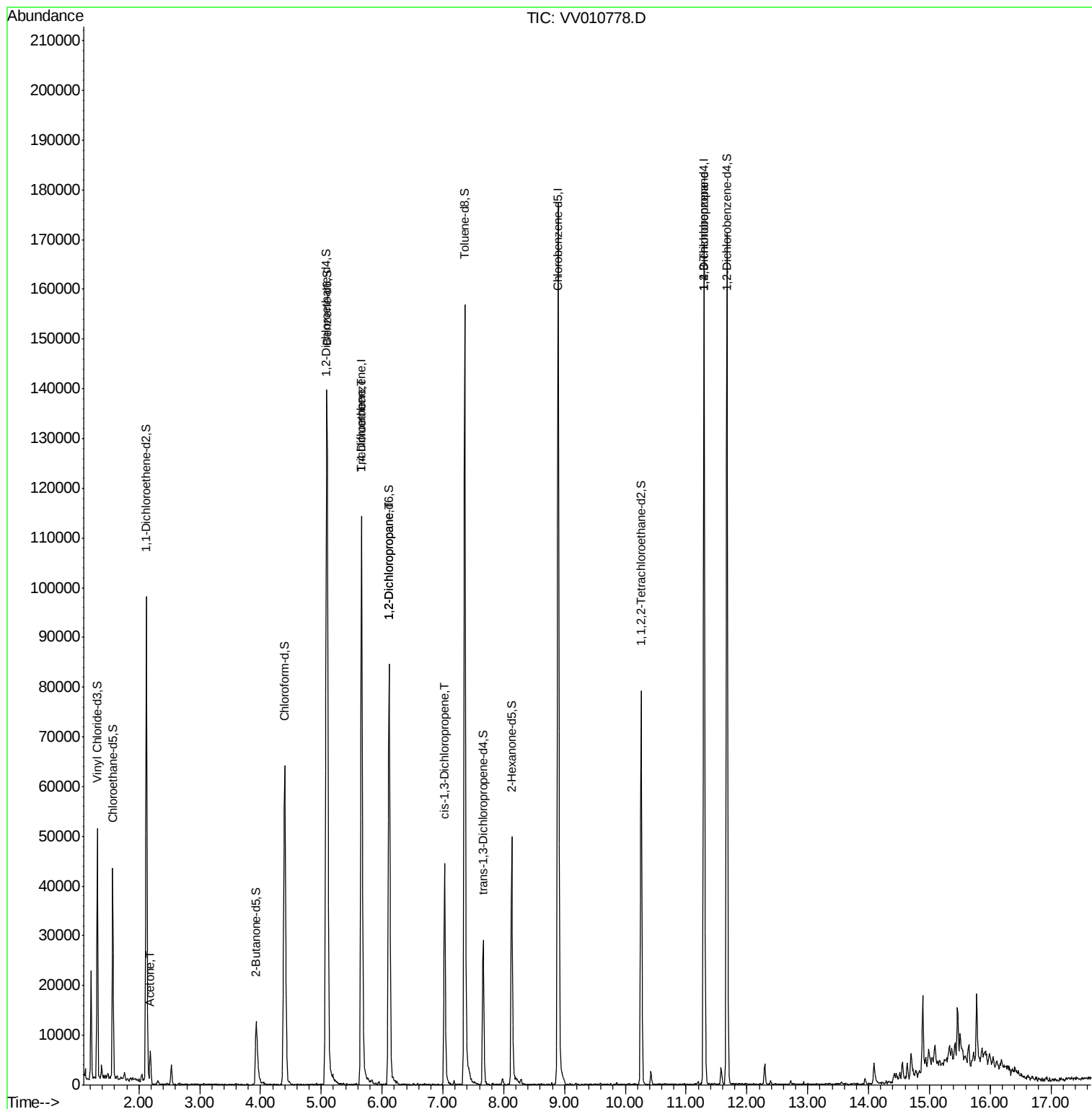
					Qvalue
13) Acetone	2.19	43	4573	6.674 ug/L	93
35) Trichloroethene	5.66	95	3156	2.026 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	5023	3.395 ug/L #	87
42) cis-1,3-Dichloropropene	7.02	75	1252	0.535 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	5873	4.726 ug/L #	86

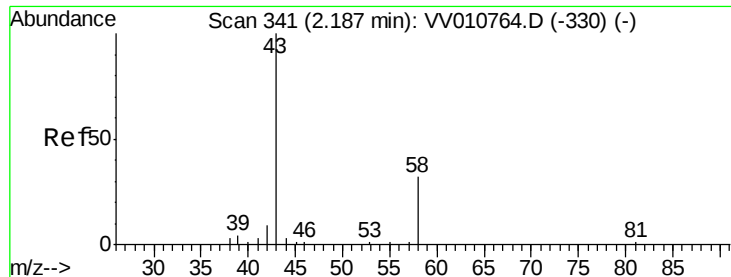
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.674 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Acq: 09 May 2019 20:22

Instrument :

MSVOA_V

ClientSampleId :

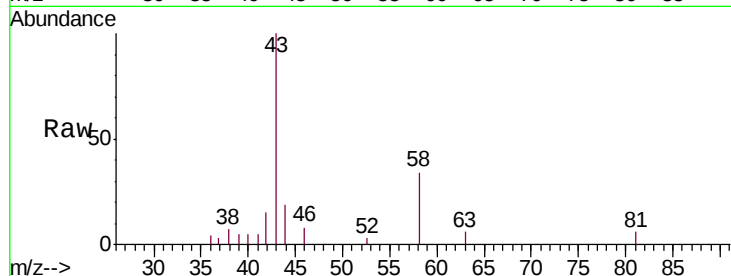
A5154

Tgt Ion: 43 Resp: 4573

Ion Ratio Lower Upper

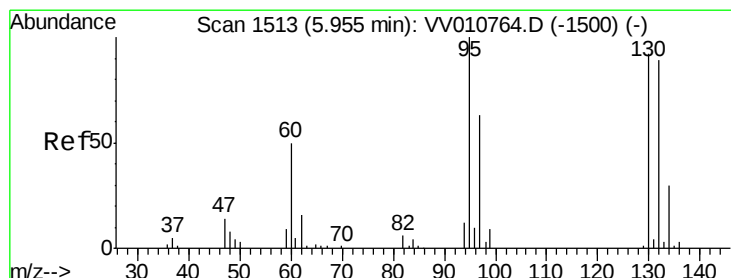
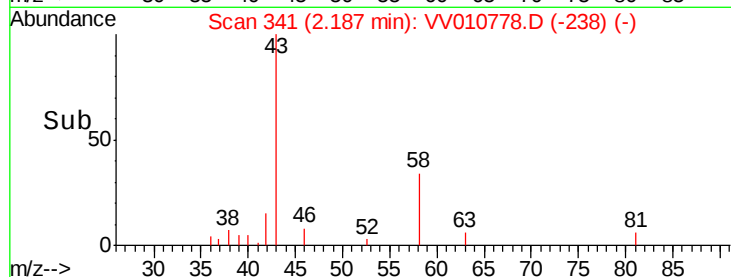
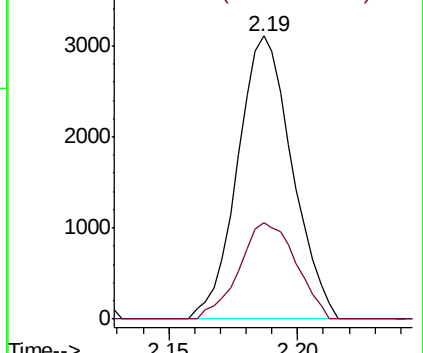
43 100

58 35.5 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010764.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010764.D (-330) (-)



#35

Trichloroethene

Concen: 2.026 ug/L

RT: 5.66 min Scan# 1421

Delta R.T. -0.30 min

Lab File: VV010778.D

Acq: 09 May 2019 20:22

Tgt Ion: 95 Resp: 3156

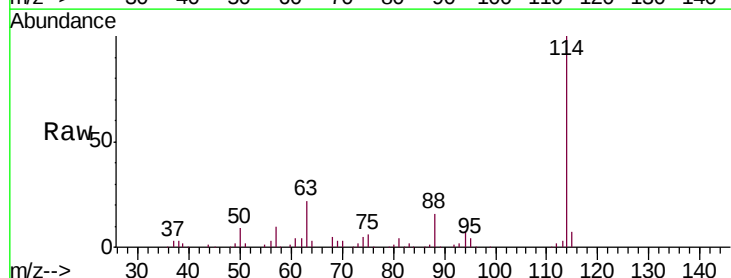
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#

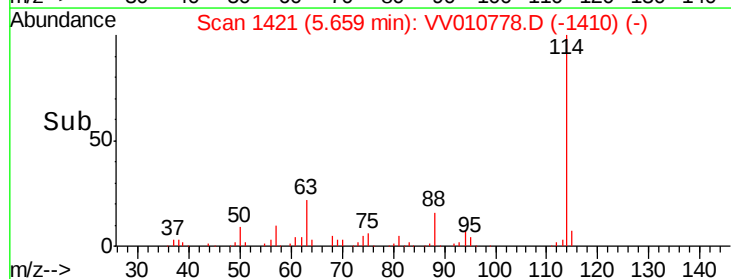
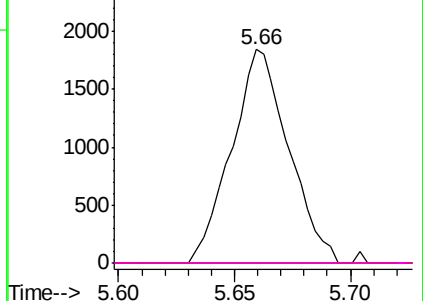


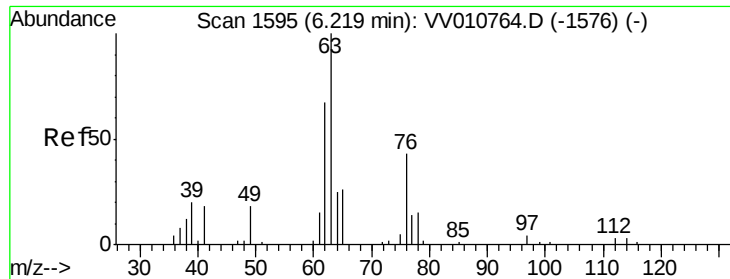
Abundance Ion 95.00 (94.70 to 95.70): VV010764.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV010764.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV010764.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010764.D (-1500) (-)

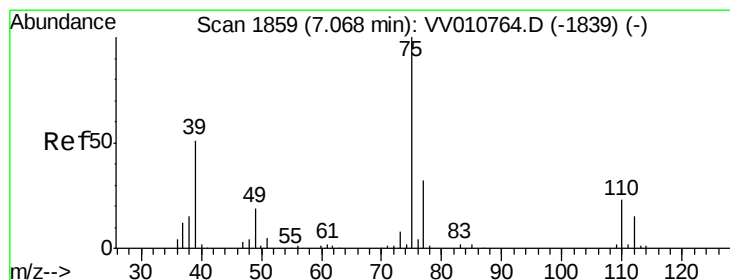
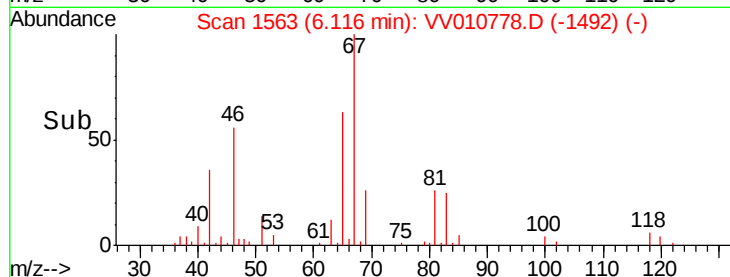
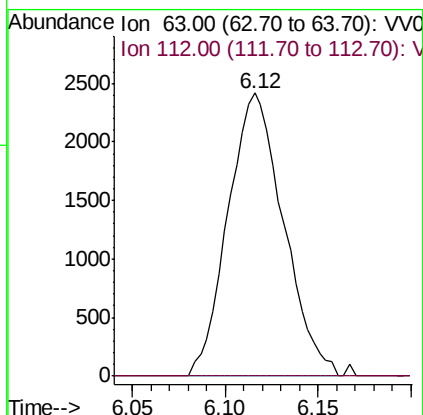
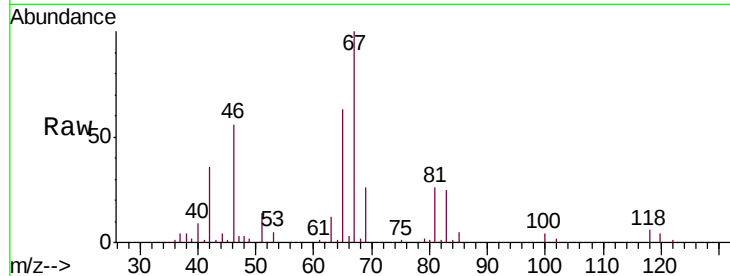




#40
 1,2-Dichloropropane
 Concen: 3.395 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
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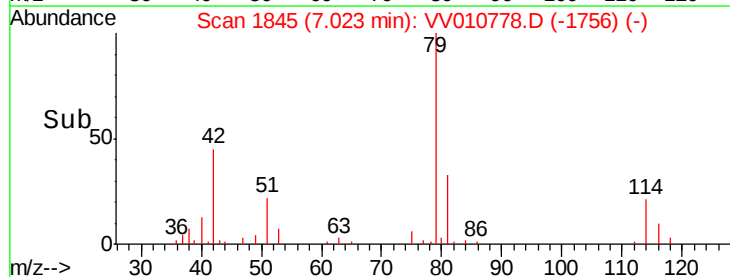
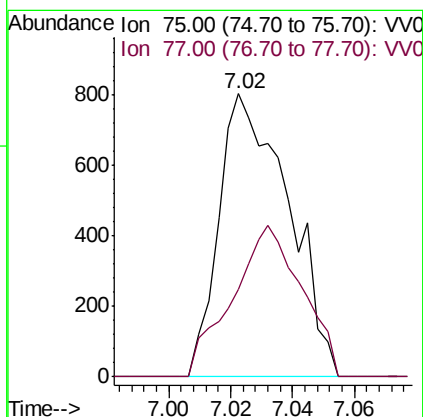
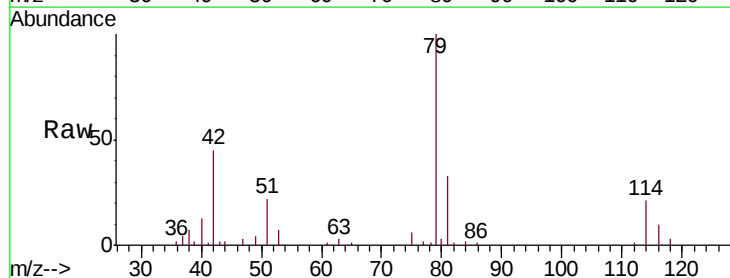
Instrument :
 MSVOA_V
 ClientSampled :
 A5154

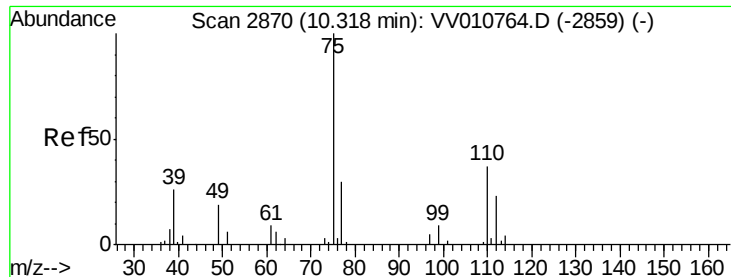
Tgt Ion: 63 Resp: 5023
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.535 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010778.D
 Acq: 09 May 2019 20:22

Tgt Ion: 75 Resp: 1252
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.3 41.3





#59

1,2,3-Trichloropropane

Concen: 4.726 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010778.D

Acq: 09 May 2019 20:22

Instrument :

MSVOA_V

ClientSampleId :

A5154

Tgt Ion: 75 Resp: 5873

Ion Ratio Lower Upper

75 100

77 39.3 25.0 37.6#

