

Data File : VV010742.D
Acq On : 08 May 2019 23:03
Operator : SY/MD
Sample : K2690-20
Misc : 4.96G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5166

Quant Time: May 09 03:00:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81629	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22474	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.88%
7) Chloroethane-d5	1.57	69	24216	23.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.84%
10) 1,1-Dichloroethene-d2	2.13	63	39008	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	3.93	46	23991	63.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.10%
24) Chloroform-d	4.40	84	57832	25.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.96%
26) 1,2-Dichloroethane-d4	5.08	65	40517	29.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.60%
29) Benzene-d6	5.10	84	105690	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	6.12	67	37614	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.68%
37) Toluene-d8	7.36	98	88534	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.76%
38) trans-1,3-Dichloropropene-	7.66	79	12366	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.24%
39) 2-Hexanone-d5	8.13	63	17736	59.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.08%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39626	29.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	29886	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

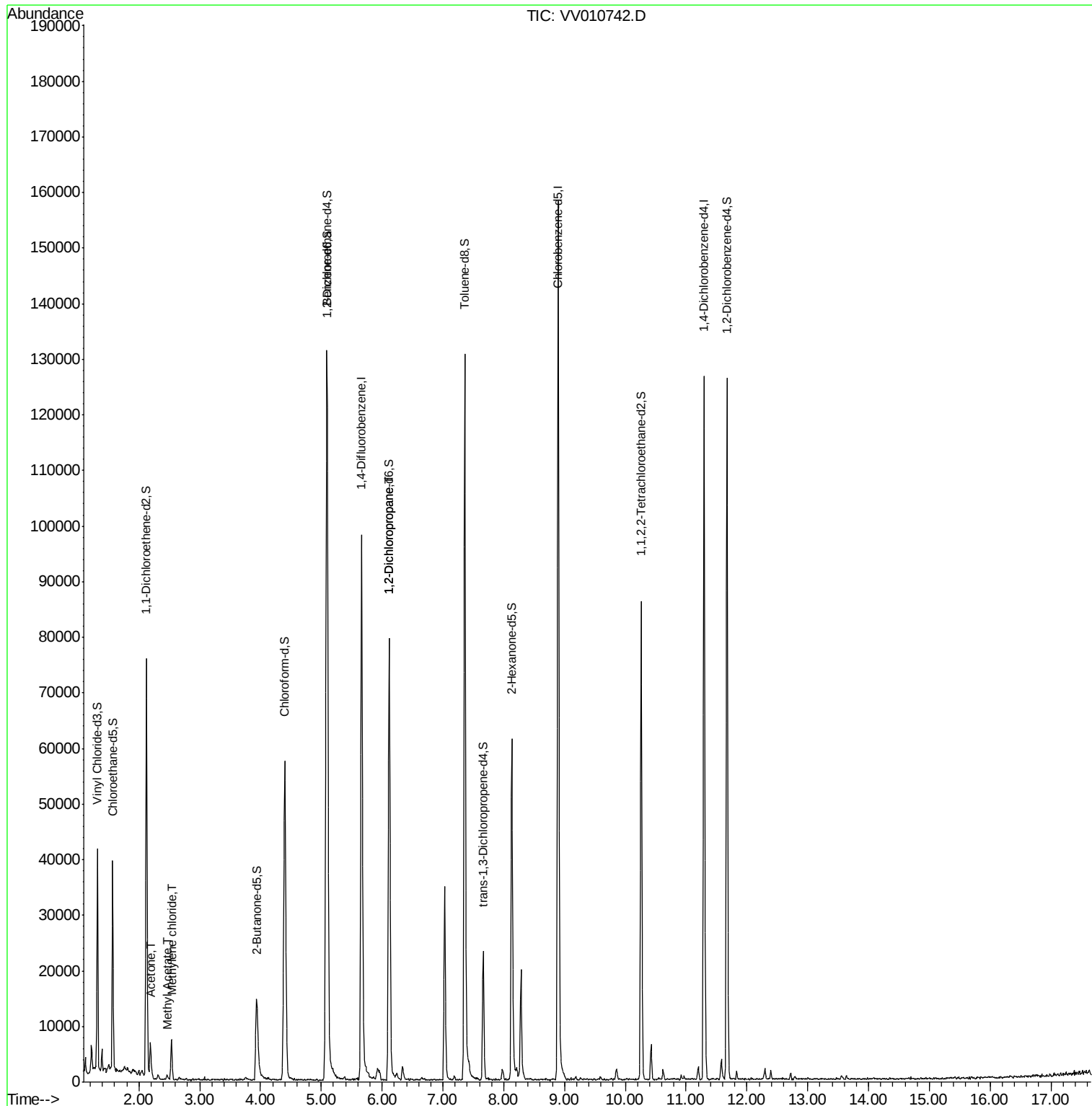
					Qvalue
13) Acetone	2.19	43	5183	8.798 ug/L	100
15) Methyl Acetate	2.47	43	1156	1.643 ug/L	93
16) Methylene chloride	2.54	84	2674	2.119 ug/L	85
40) 1,2-Dichloropropane	6.11	63	4697	3.544 ug/L #	90

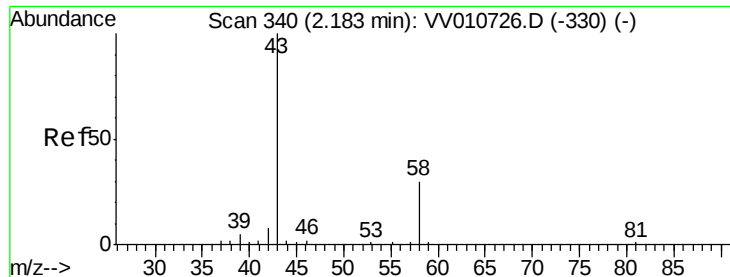
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.798 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

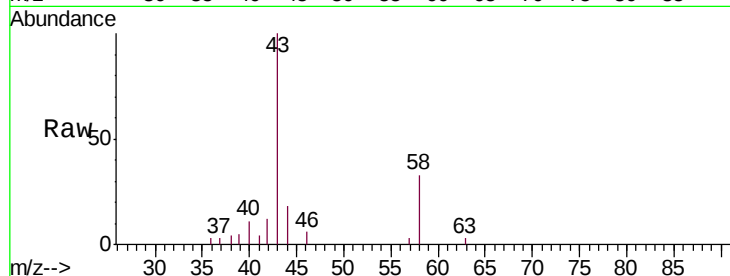
A5166

Tgt Ion: 43 Resp: 5183

Ion Ratio Lower Upper

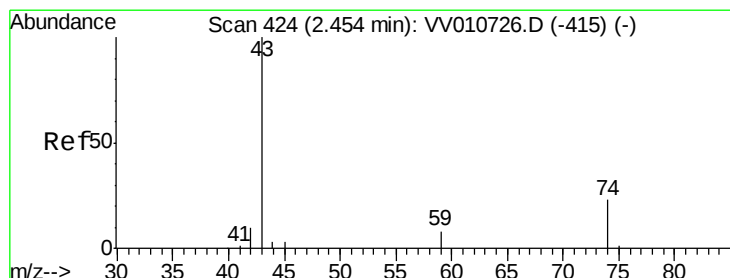
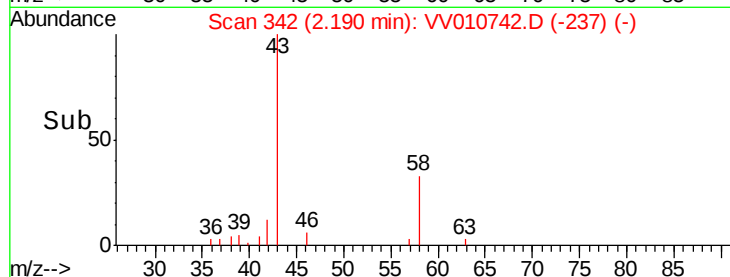
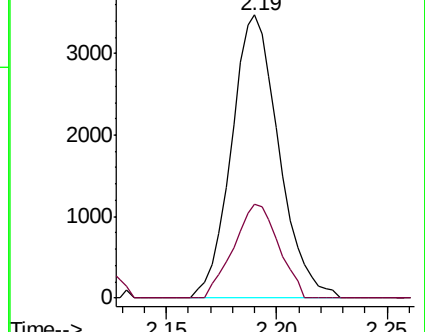
43 100

58 31.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010742.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010742.D (-330) (-)



#15

Methyl Acetate

Concen: 1.643 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

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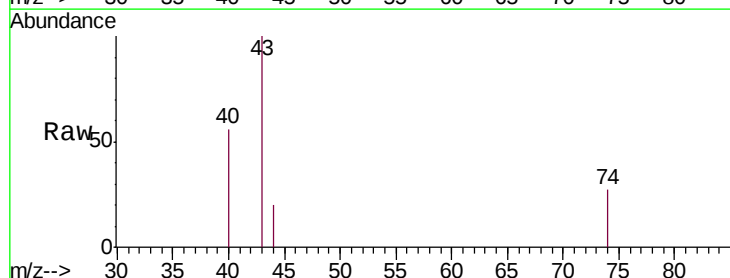
Acq: 08 May 2019 23:03

Tgt Ion: 43 Resp: 1156

Ion Ratio Lower Upper

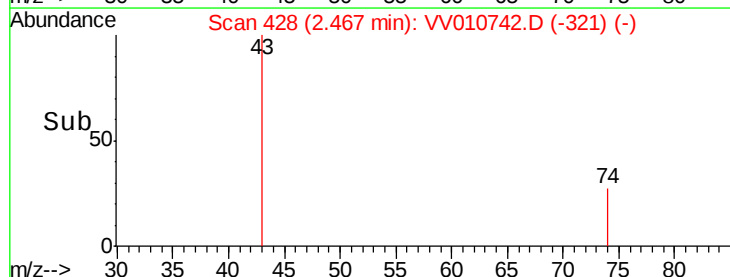
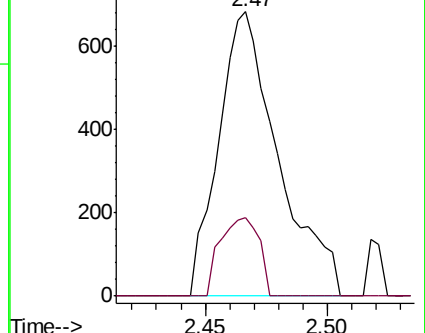
43 100

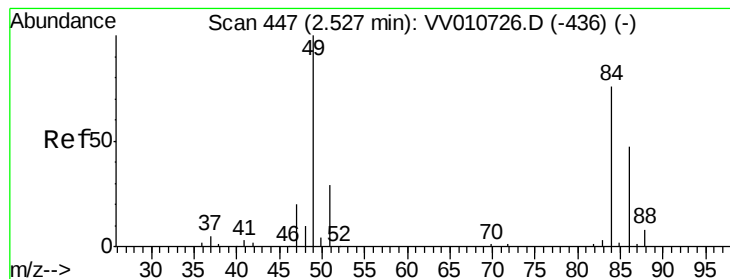
74 17.9 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VV010742.D (-321) (-)

Ion 74.00 (73.70 to 74.70): VV010742.D (-321) (-)





#16

Methylene chloride

Concen: 2.119 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

A5166

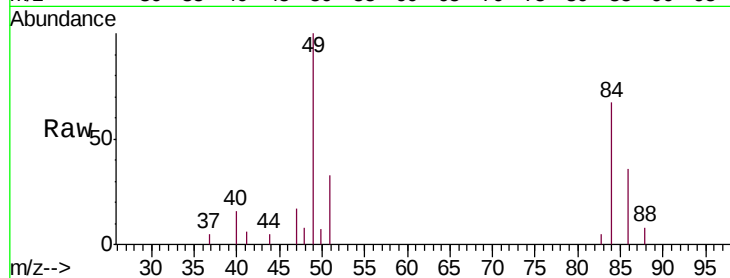
Tgt Ion: 84 Resp: 2674

Ion Ratio Lower Upper

84 100

49 150.2 92.9 172.5

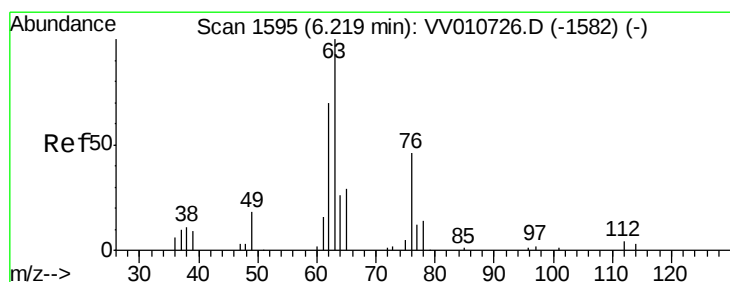
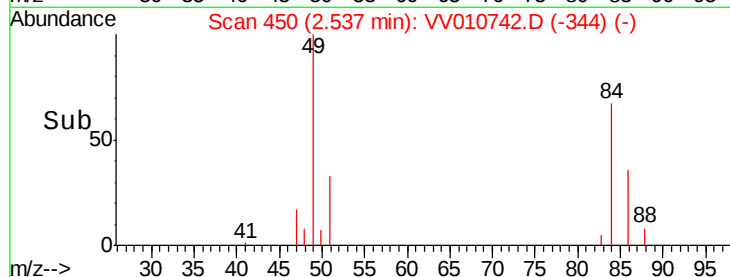
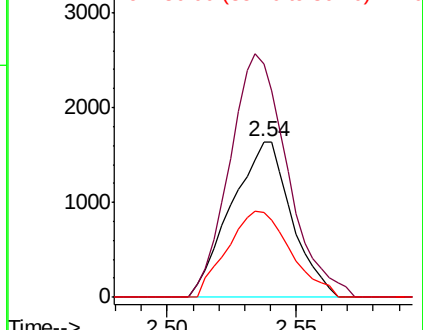
86 54.2 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0



#40

1,2-Dichloropropane

Concen: 3.544 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

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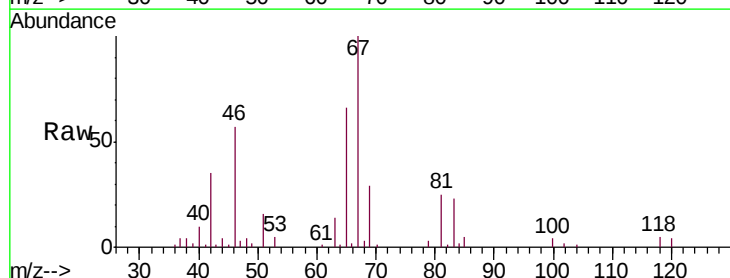
Acq: 08 May 2019 23:03

Tgt Ion: 63 Resp: 4697

Ion Ratio Lower Upper

63 100

112 0.9 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

