

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010739.D
 Acq On : 08 May 2019 21:40
 Operator : SY/MD
 Sample : K2690-17
 Misc : 5.34G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5163

Quant Time: May 09 04:31:44 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	90377	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91292	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23699	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.52%
7) Chloroethane-d5	1.57	69	21824	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.56%
10) 1,1-Dichloroethene-d2	2.13	63	35049	11.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.04%
20) 2-Butanone-d5	3.94	46	27228	64.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.26%
24) Chloroform-d	4.40	84	55056	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	5.08	65	37937	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.60%
29) Benzene-d6	5.10	84	96535	20.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.36%
33) 1,2-Dichloropropane-d6	6.12	67	35385	23.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.44%
37) Toluene-d8	7.36	98	84095	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.12%
38) trans-1,3-Dichloropropene-	7.66	79	11488	16.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.84%
39) 2-Hexanone-d5	8.13	63	17743	55.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37388	25.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	27169	21.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.12%

Target Compounds

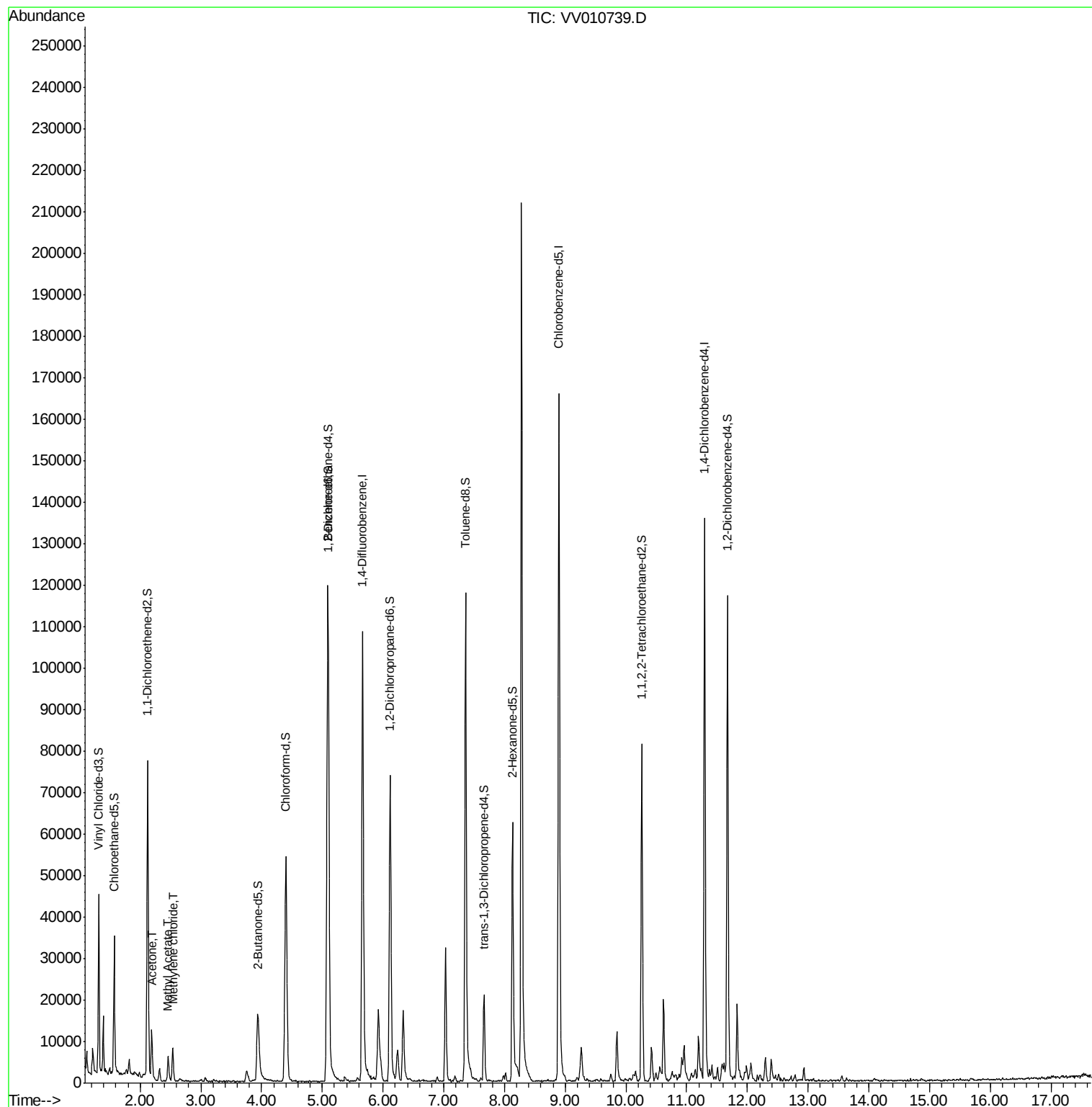
					Ovalue
13) Acetone	2.19	43	10262	15.733 ug/L	93
15) Methyl Acetate	2.46	43	6486	8.324 ug/L	98
16) Methylene chloride	2.53	84	3278	2.346 ug/L	84

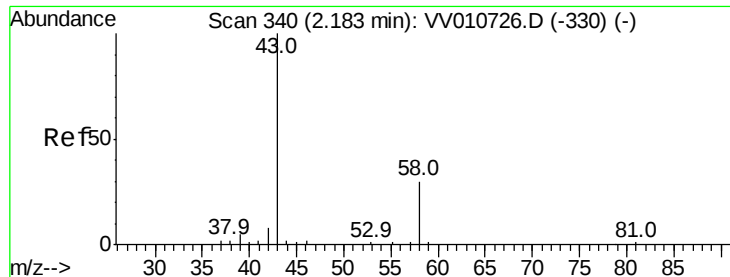
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.733 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010739.D

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Instrument :

MSVOA_V

ClientSampleId :

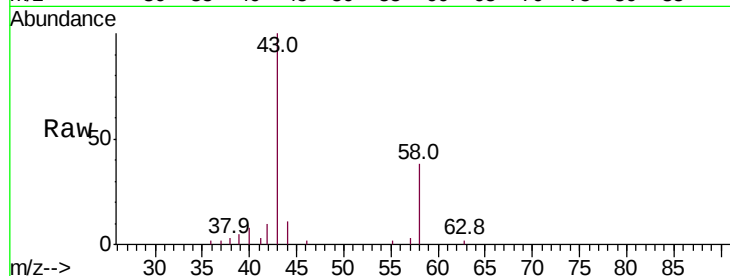
A5163

Tot Ion: 43 Resp: 10262

Ion Ratio Lower Upper

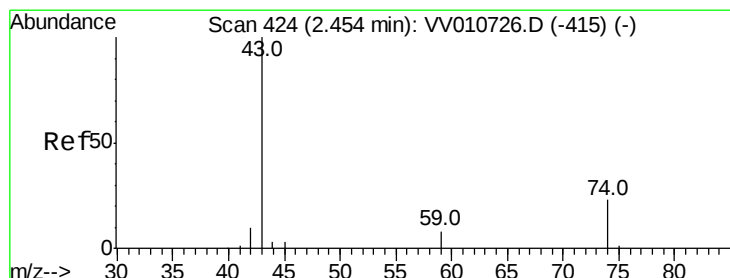
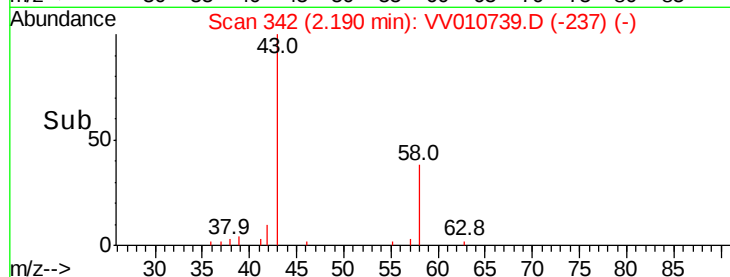
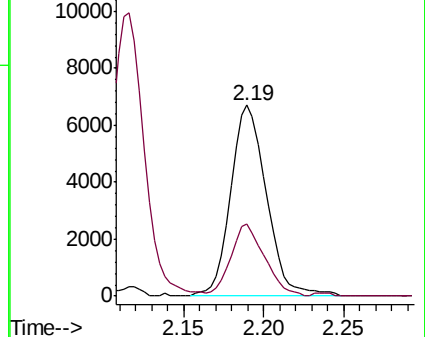
43 100

58 35.6 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010739.D (-342) (-)

Ion 58.00 (57.70 to 58.70): VV010739.D (-342) (-)



#15

Methyl Acetate

Concen: 8.324 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV010739.D

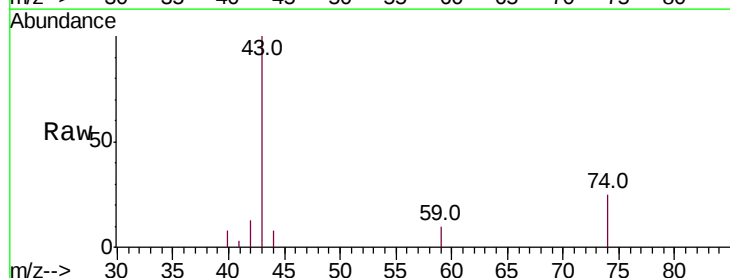
Acq: 08 May 2019 21:40

Tgt Ion: 43 Resp: 6486

Ion Ratio Lower Upper

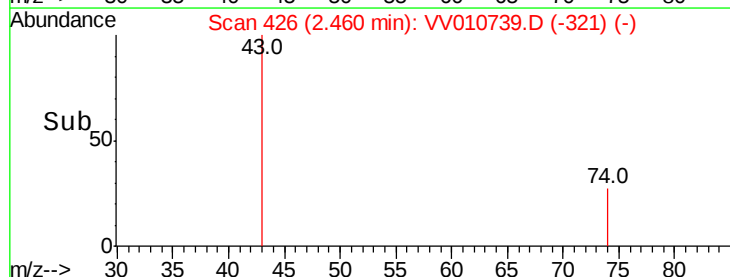
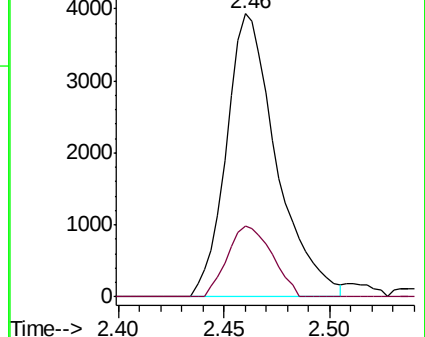
43 100

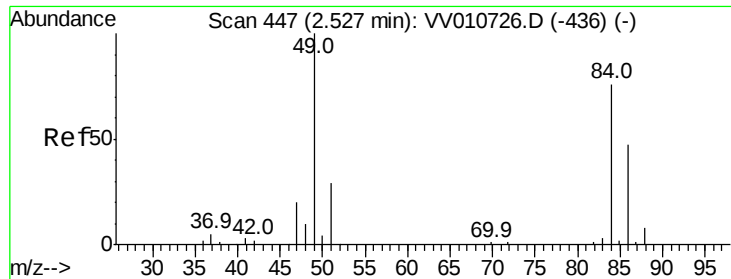
74 22.2 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VV010739.D (-426) (-)

Ion 74.00 (73.70 to 74.70): VV010739.D (-426) (-)





#16
 Methvlene chloride
 Concen: 2.346 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. 0.01 min
 Lab File: VV010739.D
 Acq: 08 May 2019 21:40

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Tot Ion: 84 Resp: 3278
 Ion Ratio Lower Upper
 84 100
 49 109.1 92.9 172.5
 86 60.4 46.5 86.5

