

Data File : VV010731.D
Acq On : 08 May 2019 17:29
Operator : SY/MD
Sample : K2633-01
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ95

Quant Time: May 09 02:58:53 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	5.67	114	106800	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104962	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46504	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32333	19.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.96%
7) Chloroethane-d5	1.58	69	29423	21.55	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
10) 1,1-Dichloroethene-d2	2.13	63	54291	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	3.93	46	18187	36.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.06%
24) Chloroform-d	4.40	84	64147	22.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.12%
26) 1,2-Dichloroethane-d4	5.08	65	39901	21.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.76%
29) Benzene-d6	5.10	84	126450	22.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.56%
33) 1,2-Dichloropropane-d6	6.12	67	40720	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	7.36	98	118911	22.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.92%
38) trans-1,3-Dichloropropene-	7.66	79	15624	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.88%
39) 2-Hexanone-d5	8.13	63	13905	37.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31394	18.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	41493	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

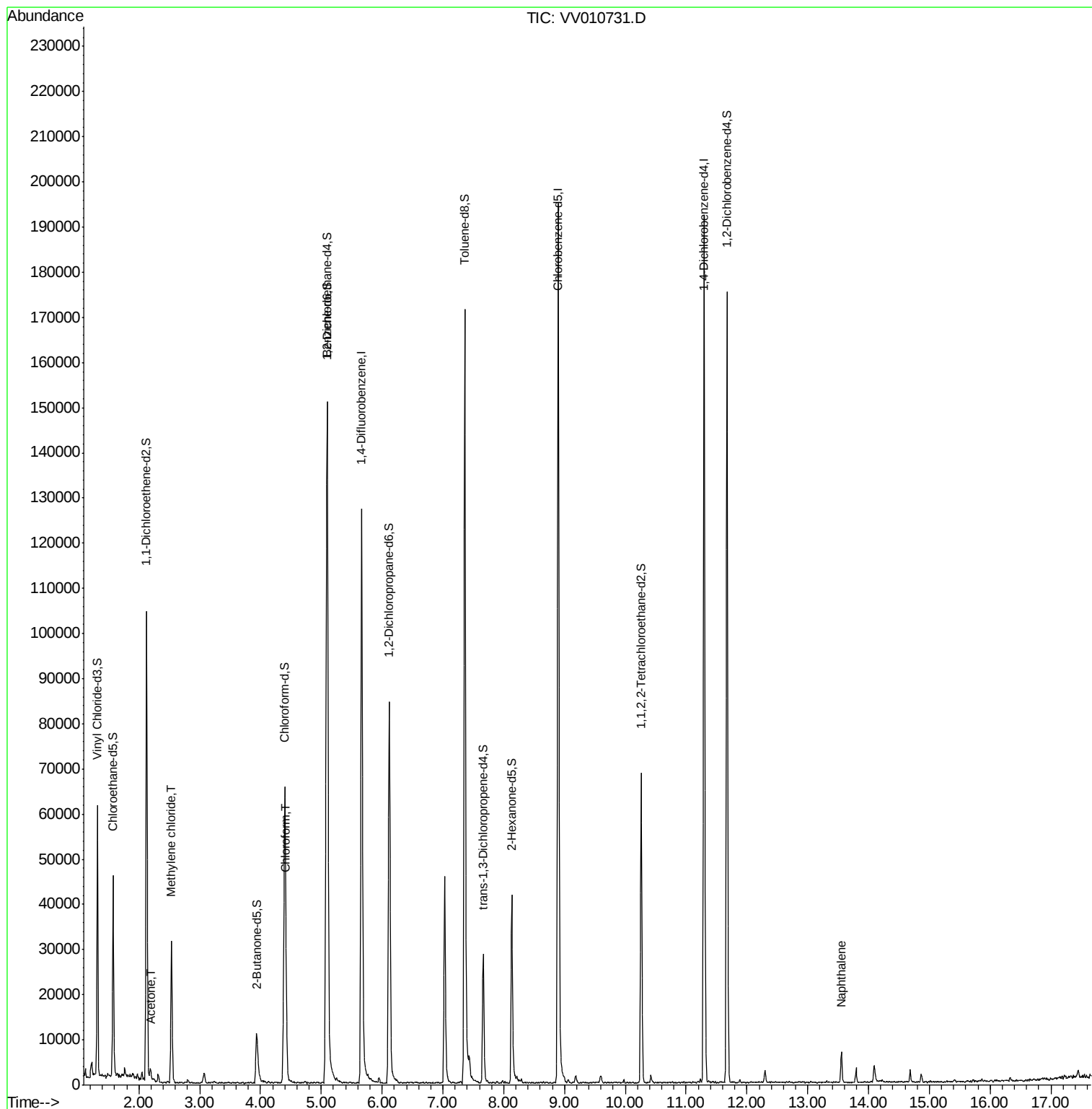
Target Compounds					Qvalue
13) Acetone	2.19	43	1306	1.694 ug/L	87
16) Methylene chloride	2.53	84	12247	7.416 ug/L	97
25) Chloroform	4.43	83	2606	0.806 ug/L #	62
69) Naphthalene	13.55	128	5449	1.411 ug/L	98

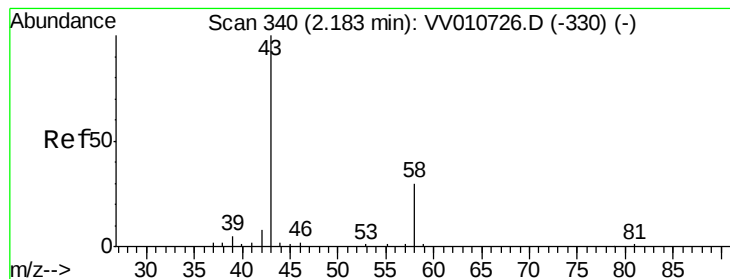
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.694 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

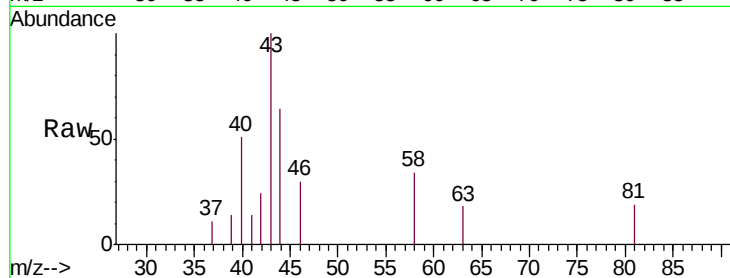
GAJ95

Tgt Ion: 43 Resp: 1306

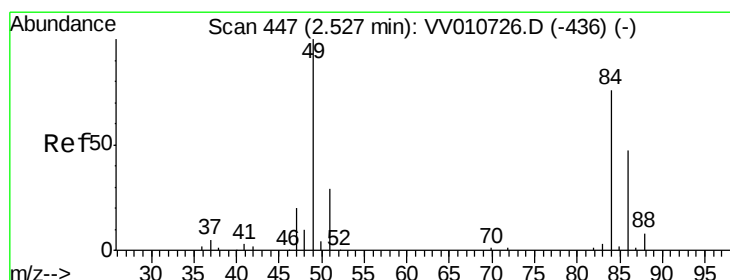
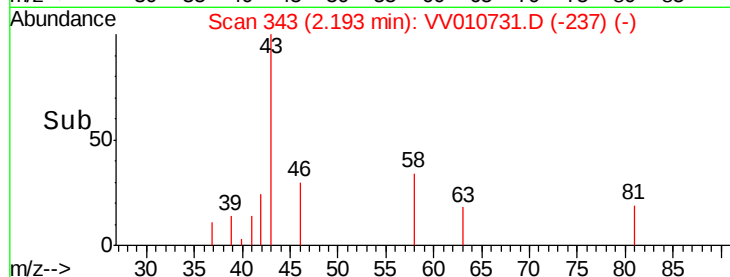
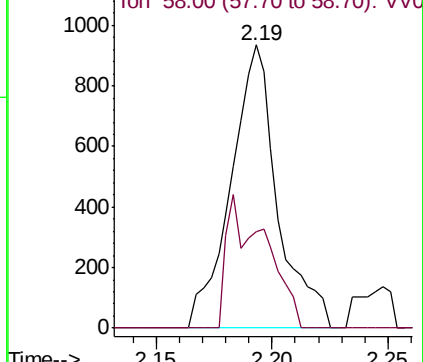
Ion Ratio Lower Upper

43 100

58 24.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010731.D (-237) (-)



#16

Methylene chloride

Concen: 7.416 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV010731.D

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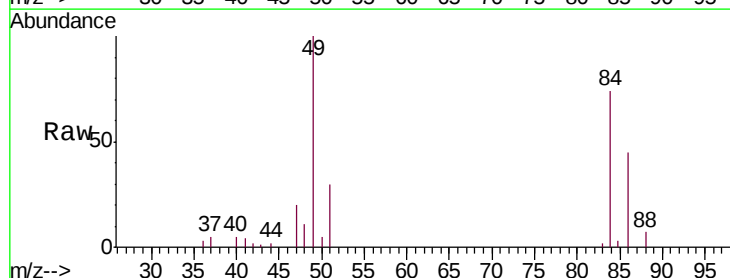
Tgt Ion: 84 Resp: 12247

Ion Ratio Lower Upper

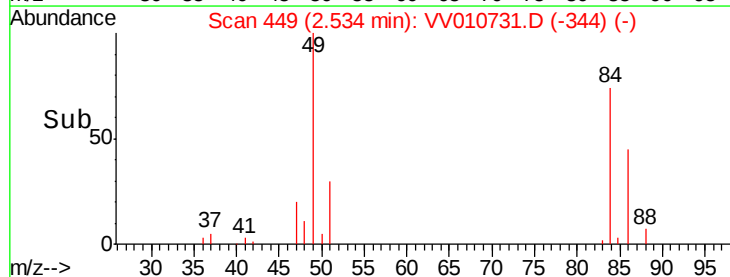
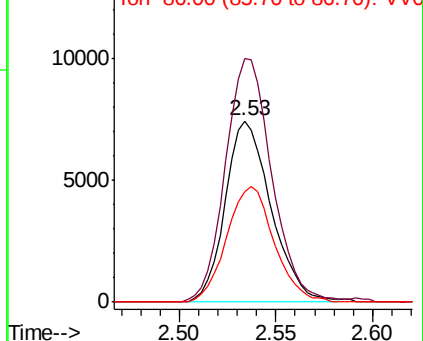
84 100

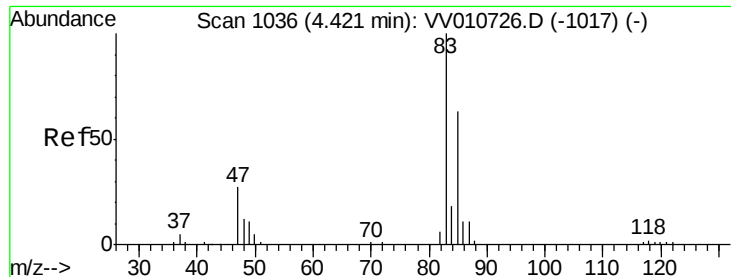
49 134.5 92.9 172.5

86 61.2 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010731.D (-344) (-)

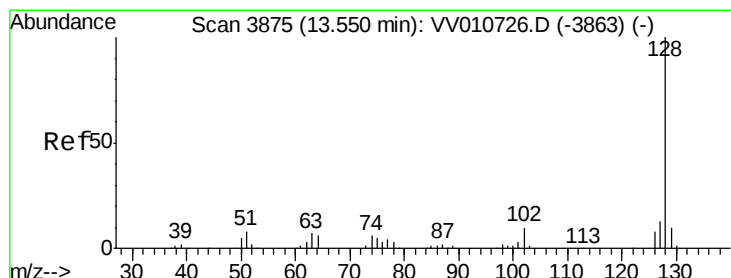
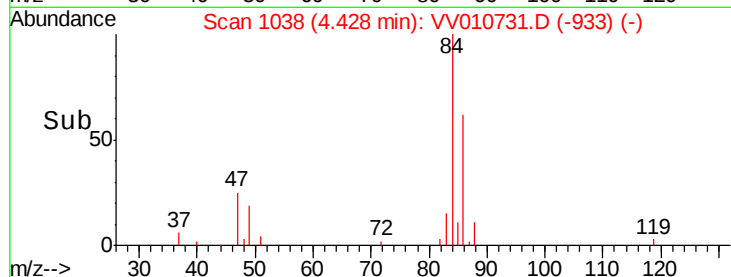
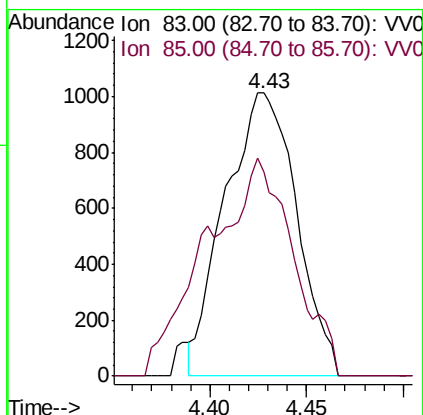
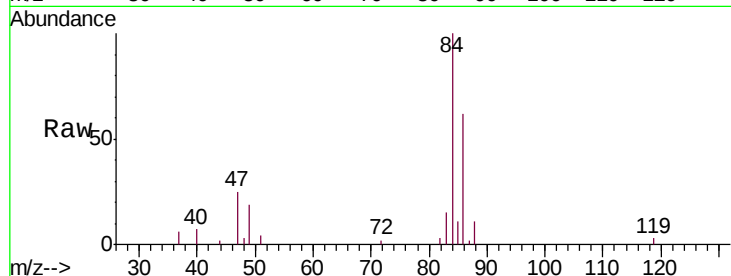




#25
Chloroform
Concen: 0.806 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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Tgt Ion: 83 Resp: 2606
Ion Ratio Lower Upper
83 100
85 33.7 44.6 82.8#



#69
Naphthalene
Concen: 1.411 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010731.D
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Tgt Ion: 128 Resp: 5449
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 12.6 10.8 16.2

