

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032823.D
 Acq On : 18 Jun 2019 14:46
 Operator : JC/SP
 Sample : K3363-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT9

Quant Time: Jun 19 04:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 01:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	222419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110676	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75090	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	62740	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.27	63	116593	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.17	46	145430	111.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	4.64	84	149626	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.30	65	104697	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
32) Benzene-d6	5.33	84	298882	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
36) 1,2-Dichloropropane-d6	6.32	67	95942	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.56	98	279956	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%
43) trans-1,3-Dichloropropene-	7.84	79	42664	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.82%
47) 2-Hexanone-d5	8.31	63	100241	116.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.23%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	141931	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	111664	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

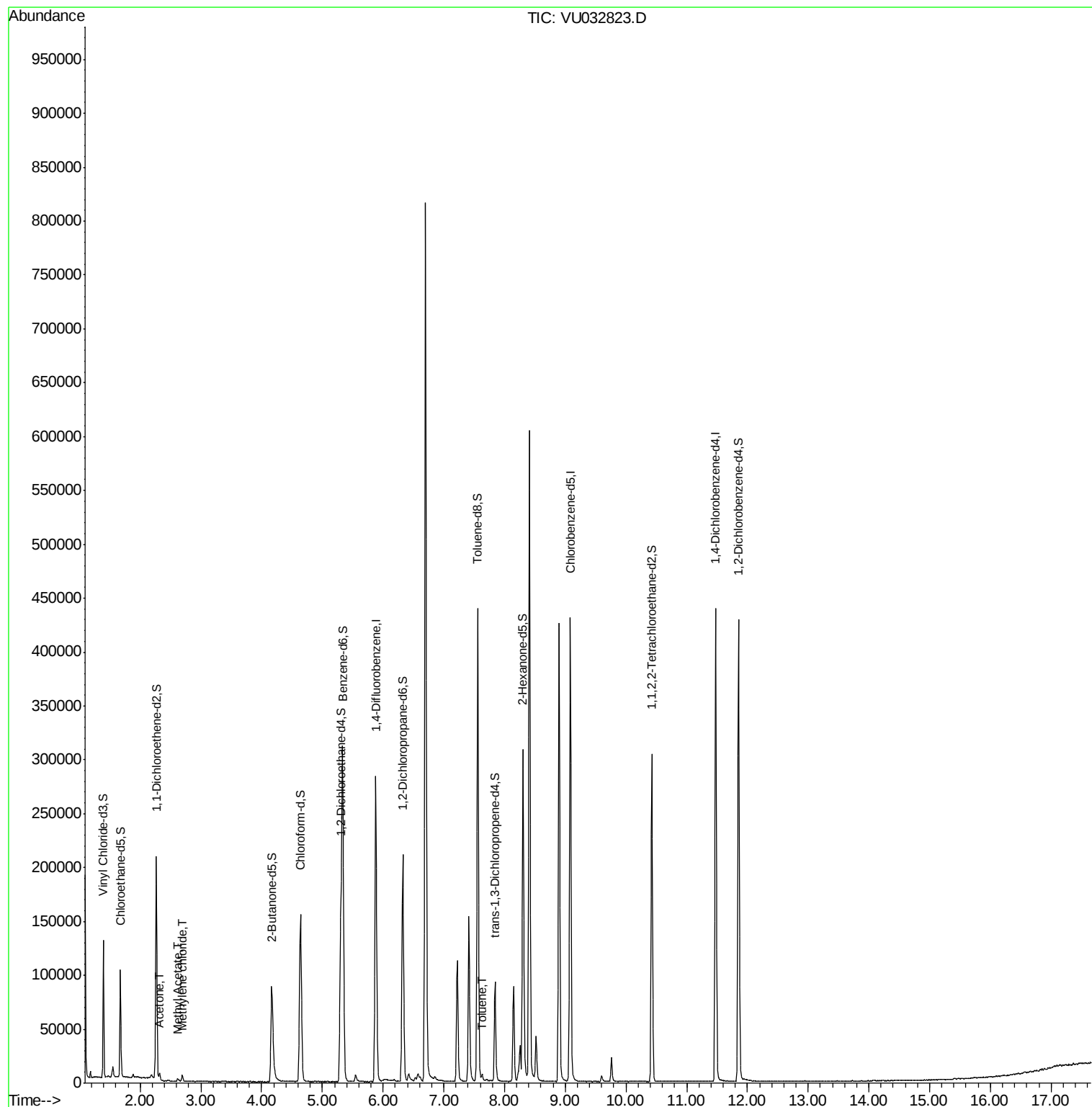
					Ovalue
13) Acetone	2.32	43	5640	3.136 ug/L	99
15) Methyl Acetate	2.62	43	3294	1.616 ug/L	92
16) Methylene chloride	2.69	84	2271	1.343 ug/L	98
42) Toluene	7.63	91	3467	0.500 ug/L	94

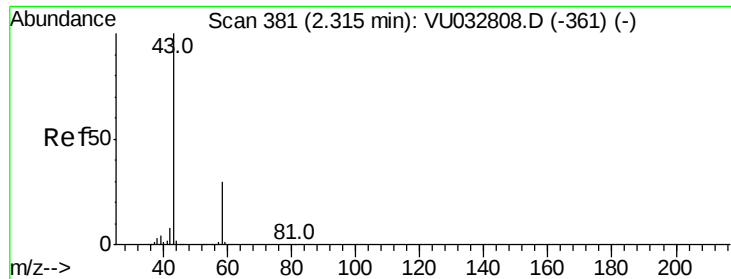
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.136 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

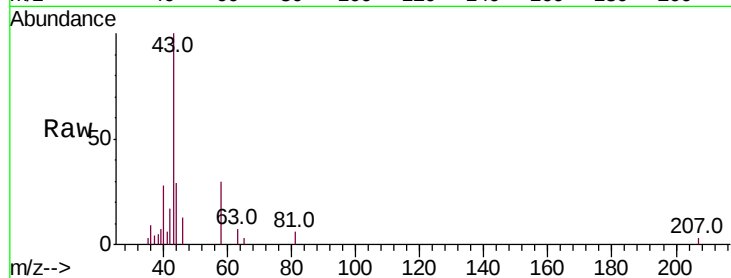
C0JT9

Tot Ion: 43 Resp: 5640

Ion Ratio Lower Upper

43 100

58 30.8 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032808.D (-361) (-)

2.32

4000

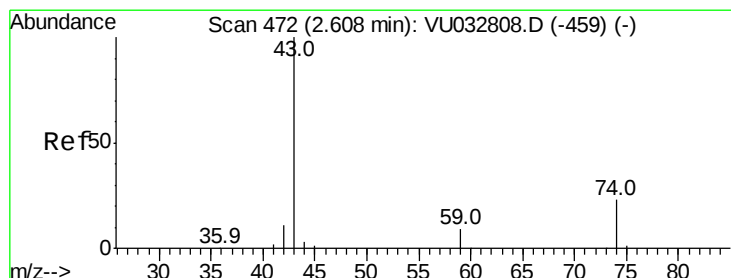
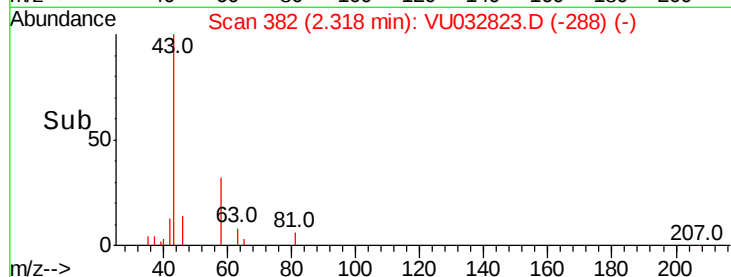
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 1.616 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032823.D

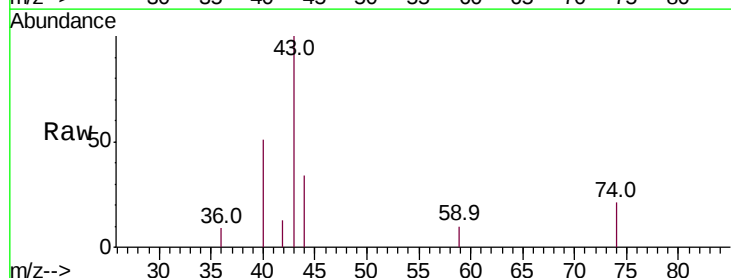
Acq: 18 Jun 2019 14:46

Tgt Ion: 43 Resp: 3294

Ion Ratio Lower Upper

43 100

74 18.5 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU032808.D (-459) (-)

2.62

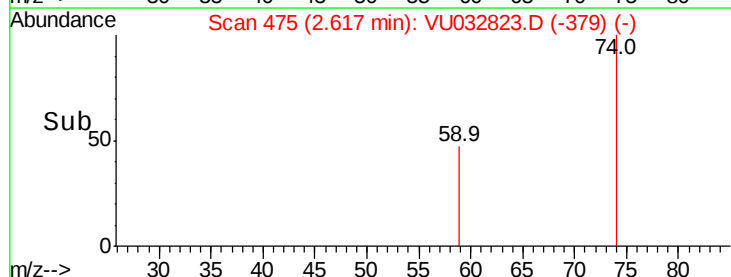
1500

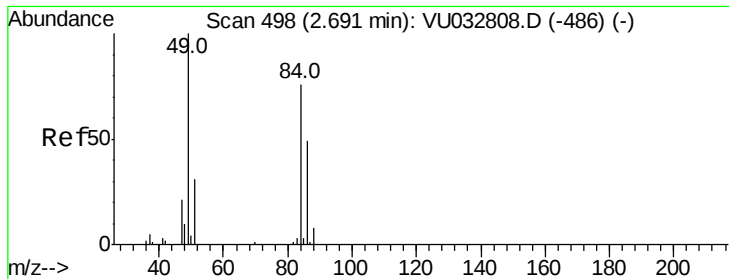
1000

500

0

Time--> 2.55 2.60 2.65 2.70

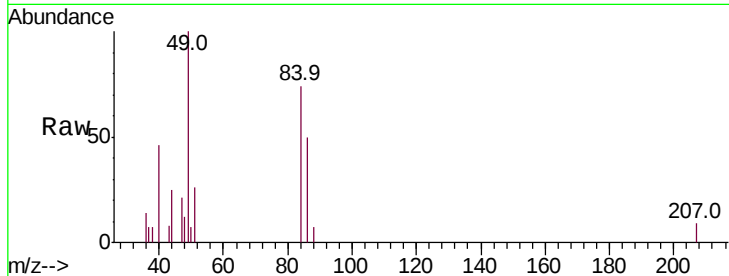




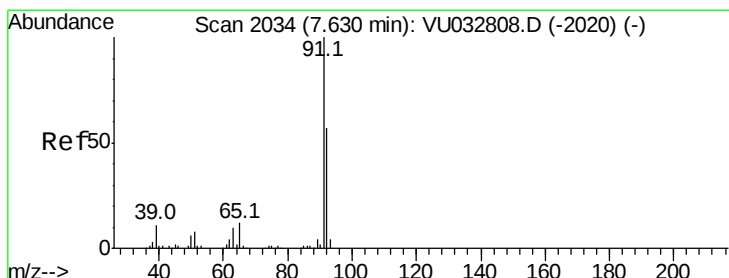
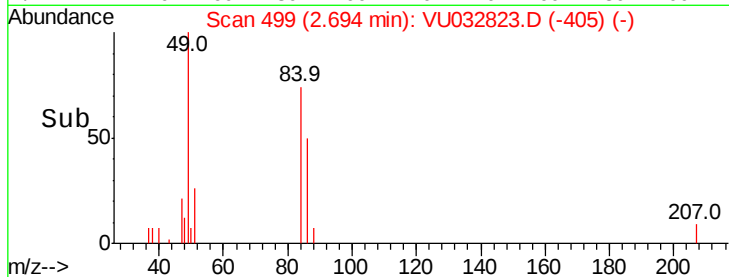
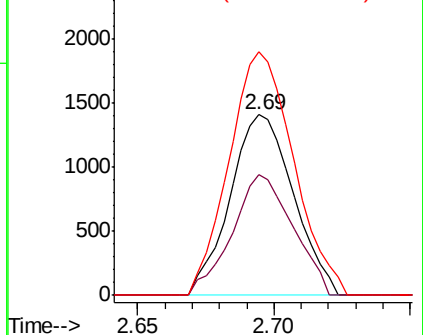
#16
Methylene chloride
Concen: 1.343 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032823.D
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Instrument :
MSVOA_U
ClientSampleId :
C0JT9

Tot Ion: 84 Resp: 2271
Ion Ratio Lower Upper
84 100
86 66.7 45.5 84.5
49 134.7 92.1 171.1

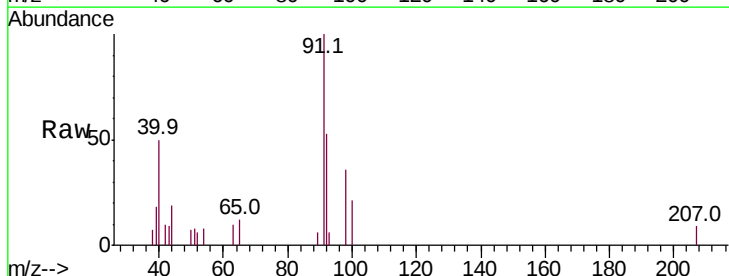


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0



#42
Toluene
Concen: 0.500 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032823.D
Acq: 18 Jun 2019 14:46

Tgt Ion: 91 Resp: 3467
Ion Ratio Lower Upper
91 100
92 53.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0

