

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025824.D
 Acq On : 03 Aug 2018 17:36
 Operator : MD/SY
 Sample : J4265-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC1

Quant Time: Aug 04 00:00:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	317925	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	303832	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83198	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.68%
7) Chloroethane-d5	1.68	69	67703	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.27	63	133893	35.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.88%
21) 2-Butanone-d5	4.18	46	149823	106.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.92%
24) Chloroform-d	4.65	84	185988	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	129534	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.35	84	363646	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.34	67	116280	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.57	98	338975	45.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.72%
43) trans-1,3-Dichloropropene-	7.85	79	58474	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.31	63	102135	97.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.15%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161216	45.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	140468	47.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.52%

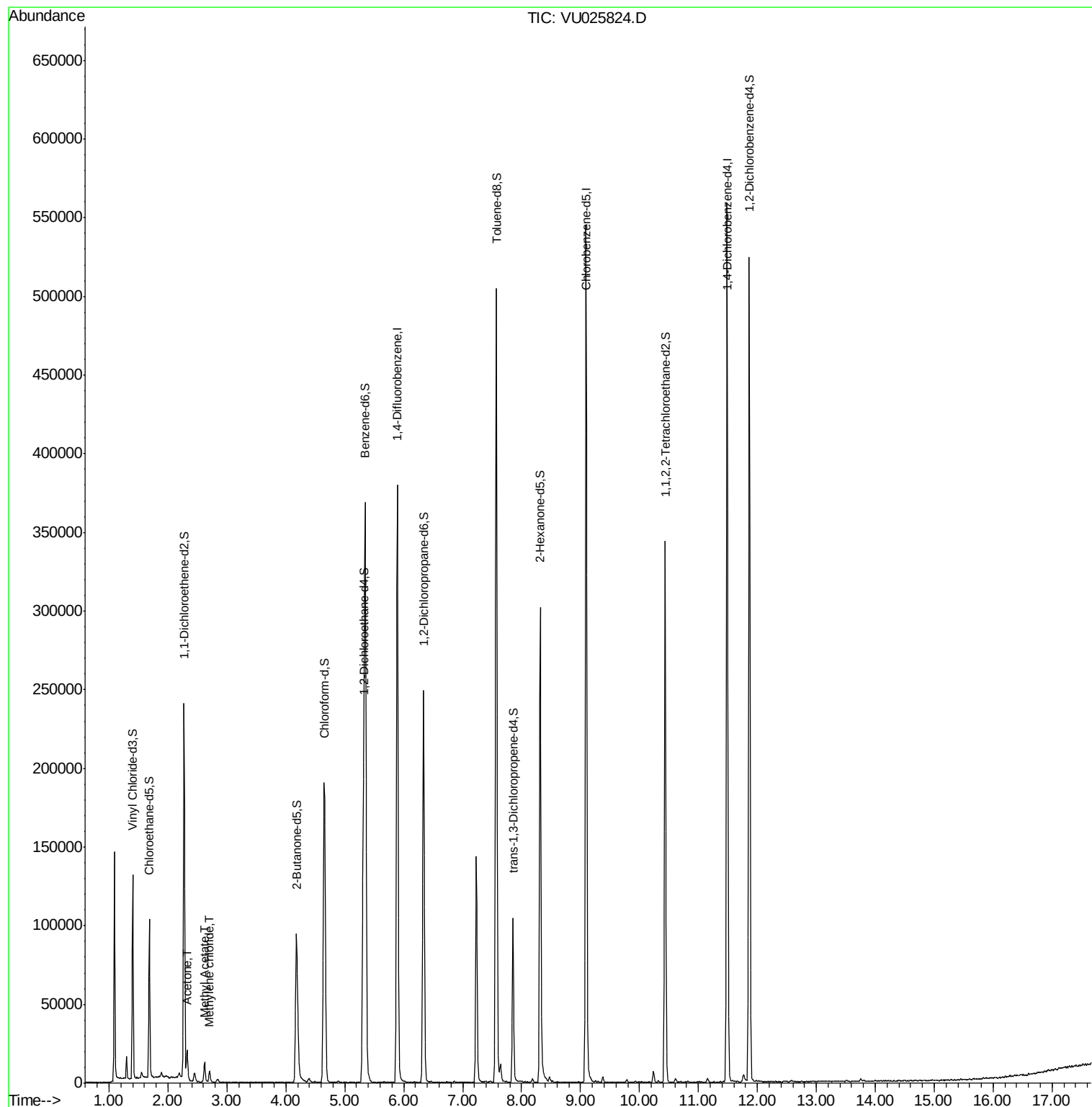
Target Compounds						Ovalue
13) Acetone	2.32	43	18176	11.05	ug/L	99
15) Methyl Acetate	2.62	43	14164	6.23	ug/L	98
16) Methylene chloride	2.70	84	3247	1.45	ug/L	97

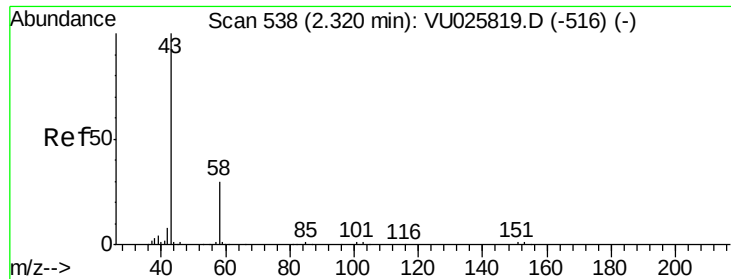
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.05 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

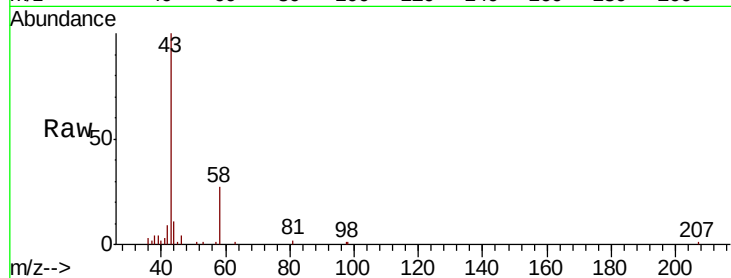
C0AC1

Tot Ion: 43 Resp: 18176

Ion Ratio Lower Upper

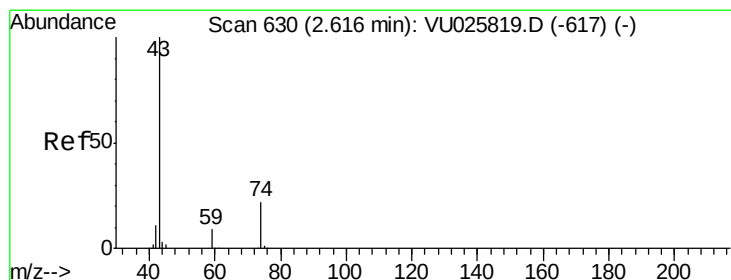
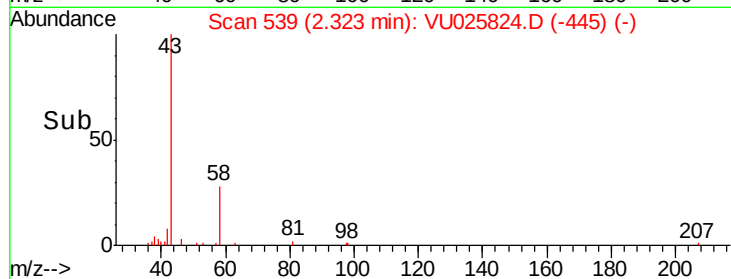
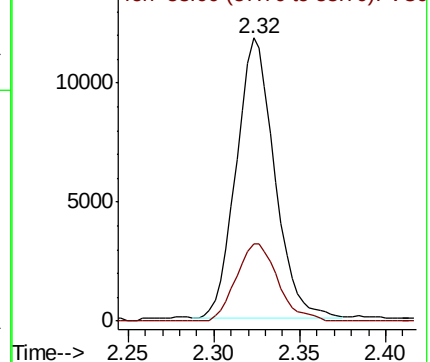
43 100

58 30.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 6.23 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025824.D

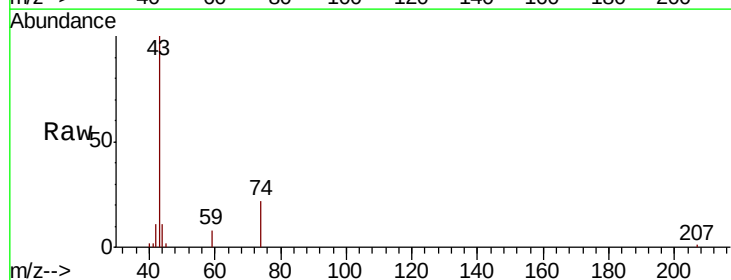
Acq: 03 Aug 2018 17:36

Tgt Ion: 43 Resp: 14164

Ion Ratio Lower Upper

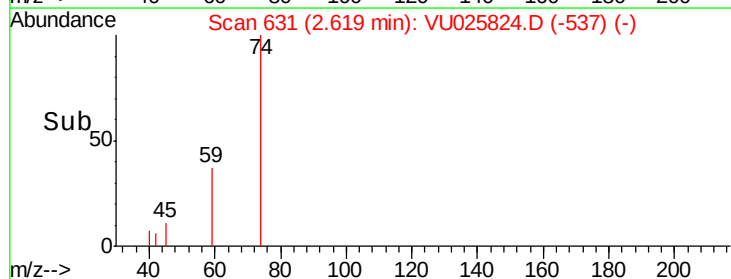
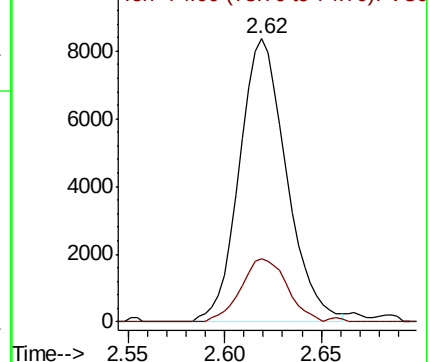
43 100

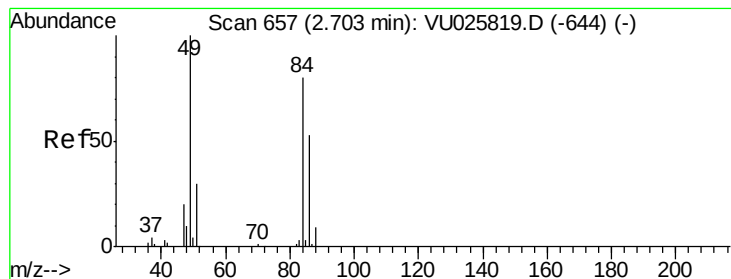
74 21.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#16
 Methylene chloride
 Concen: 1.45 ug/L
 RT: 2.70 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VU025824.D
 Acq: 03 Aug 2018 17:36

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 C0AC1

Tot Ion: 84 Resp: 3247
 Ion Ratio Lower Upper
 84 100
 86 71.8 45.6 84.6
 49 124.3 87.0 161.6

