

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032830.D
 Acq On : 18 Jun 2019 17:30
 Operator : JC/SP
 Sample : K3379-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT1

Quant Time: Jun 19 05:28:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 04:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	220682	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	216196	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69906	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.70%
7) Chloroethane-d5	1.68	69	59262	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.54%
11) 1,1-Dichloroethene-d2	2.27	63	109026	35.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.76%
21) 2-Butanone-d5	4.17	46	159121	126.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.76%
24) Chloroform-d	4.64	84	142558	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.24%
26) 1,2-Dichloroethane-d4	5.30	65	99153	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
32) Benzene-d6	5.33	84	286062	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
36) 1,2-Dichloropropane-d6	6.32	67	91027	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.40%
41) Toluene-d8	7.56	98	265396	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.84	79	39944	42.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.54%
47) 2-Hexanone-d5	8.31	63	109001	130.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.03%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139751	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.85	152	107880	52.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.16%

Target Compounds

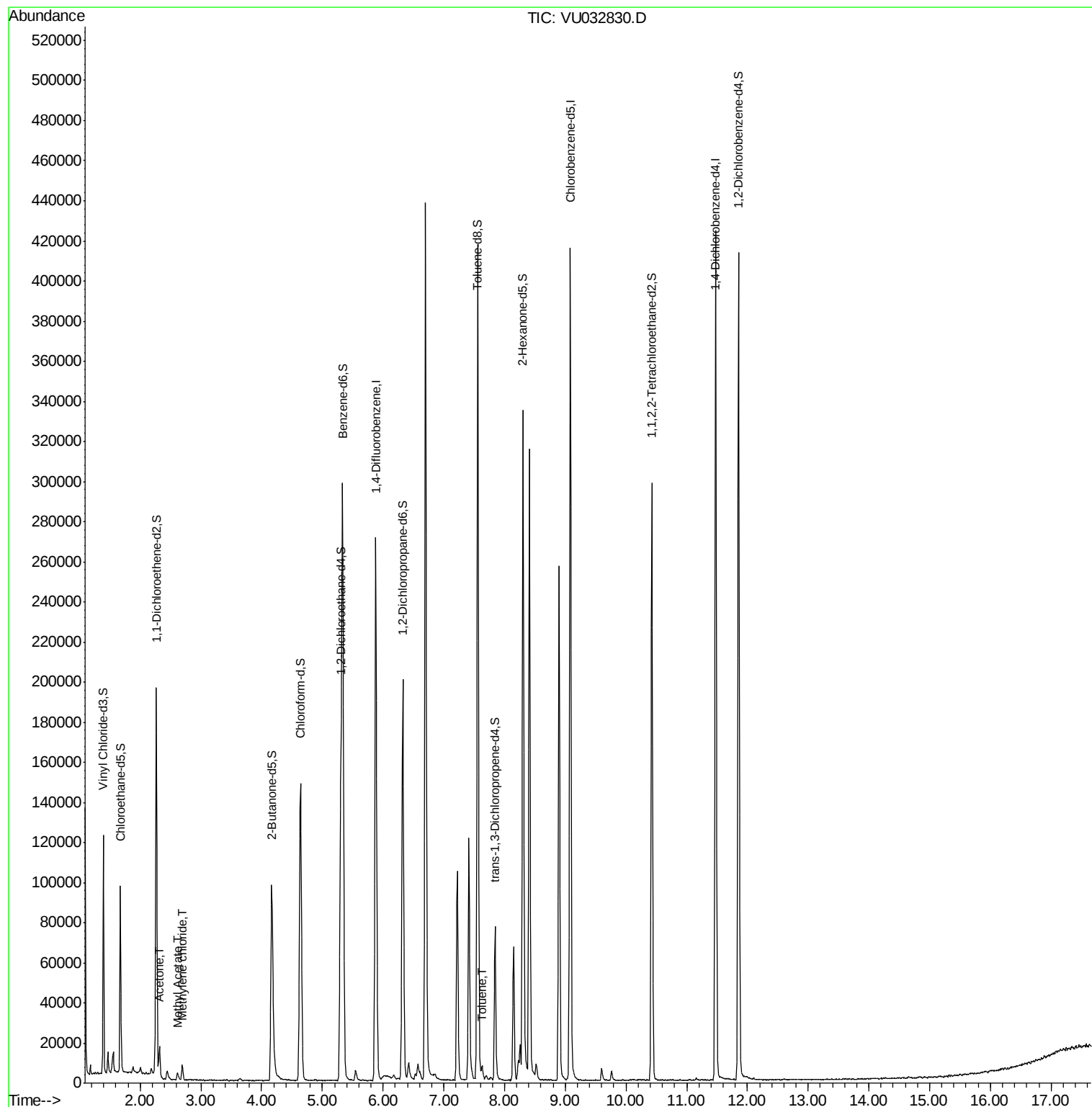
					Ovalue
13) Acetone	2.32	43	15596	8.995 ug/L	97
15) Methyl Acetate	2.61	43	4334	2.205 ug/L	93
16) Methylene chloride	2.69	84	3014	1.848 ug/L	98
42) Toluene	7.63	91	3712	0.551 ug/L	100

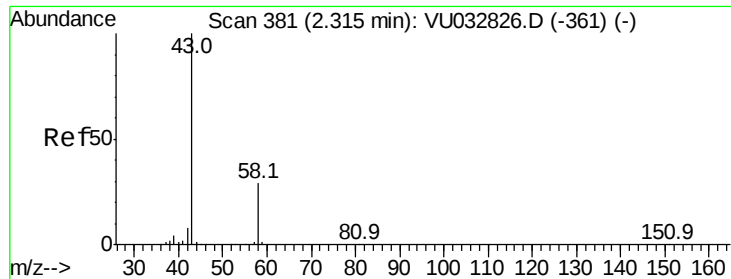
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.995 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032830.D

Acq: 18 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampled :

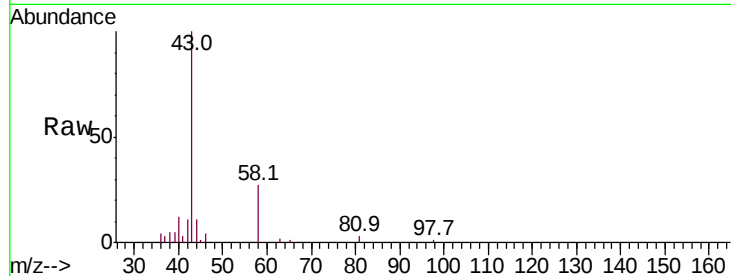
C0JT1

Tot Ion: 43 Resp: 15596

Ion Ratio Lower Upper

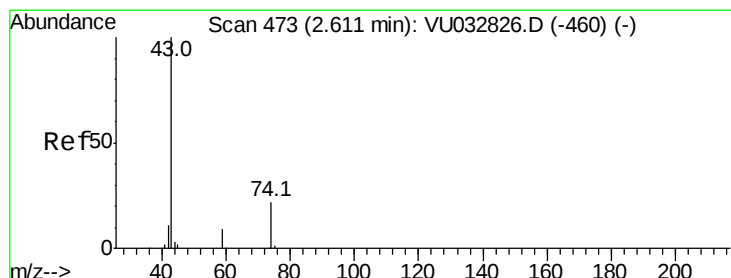
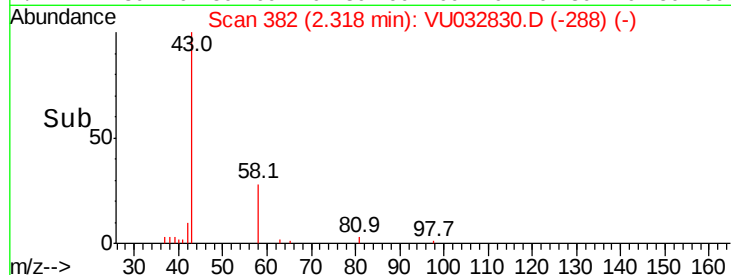
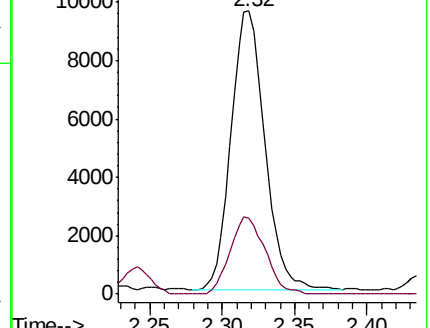
43 100

58 28.4 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032826.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032826.D (-361) (-)



#15

Methyl Acetate

Concen: 2.205 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032830.D

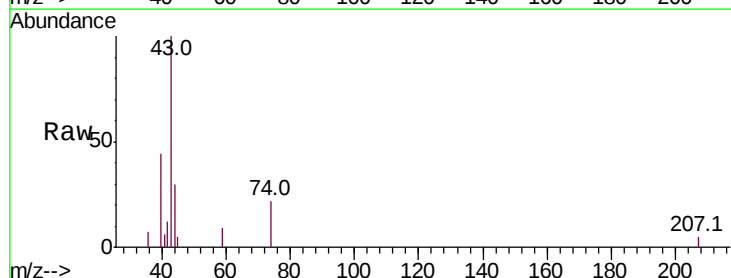
Acq: 18 Jun 2019 17:30

Tgt Ion: 43 Resp: 4334

Ion Ratio Lower Upper

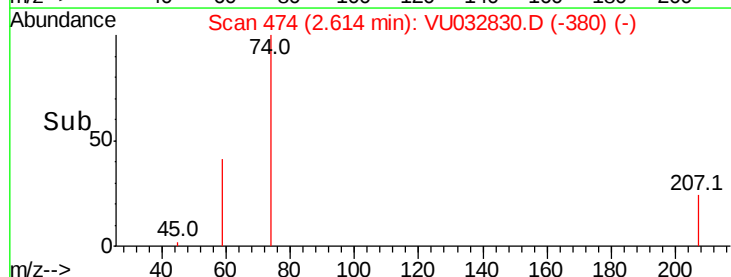
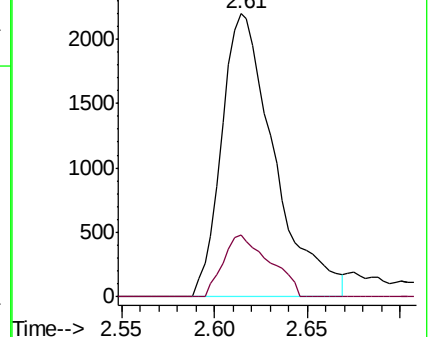
43 100

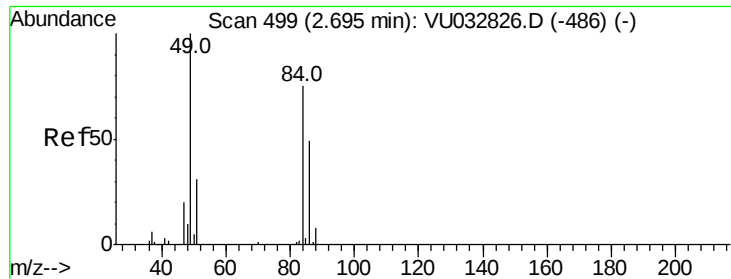
74 19.2 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VU032826.D (-460) (-)

Ion 74.00 (73.70 to 74.70): VU032826.D (-460) (-)

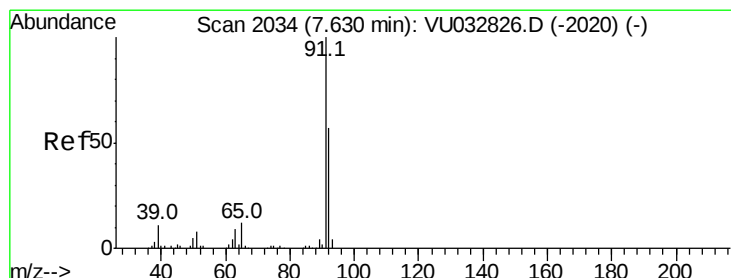
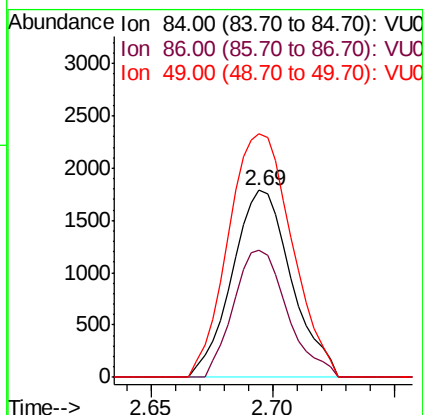
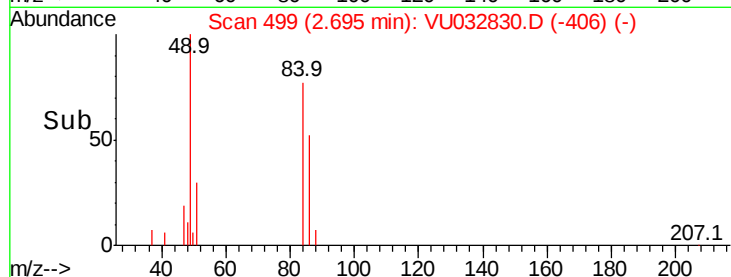
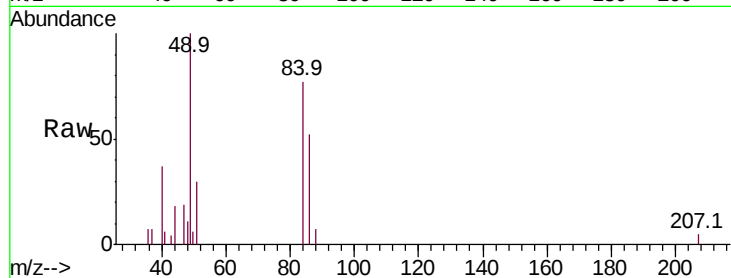




#16
Methvlene chloride
Concen: 1.848 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032830.D
Acq: 18 Jun 2019 17:30

Instrument :
MSVOA_U
ClientSampled :
C0JT1

Tot Ion: 84 Resp: 3014
Ion Ratio Lower Upper
84 100
86 68.2 45.5 84.5
49 130.1 92.1 171.1



#42
Toluene
Concen: 0.551 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032830.D
Acq: 18 Jun 2019 17:30

Tgt Ion: 91 Resp: 3712
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0

