

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032828.D
 Acq On : 18 Jun 2019 16:44
 Operator : JC/SP
 Sample : K3363-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JP5

Quant Time: Jun 19 05:23:48 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	232929	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	229547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116185	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74076	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.06%
7) Chloroethane-d5	1.68	69	62284	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.12%
11) 1,1-Dichloroethene-d2	2.27	63	115641	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	4.17	46	141556	106.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.64	84	148605	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	5.30	65	102944	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.33	84	298178	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
36) 1,2-Dichloropropane-d6	6.32	67	95590	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.30%
41) Toluene-d8	7.56	98	278433	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%
43) trans-1,3-Dichloropropene-	7.85	79	41450	41.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.60%
47) 2-Hexanone-d5	8.31	63	99427	111.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139152	47.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	114274	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%

Target Compounds

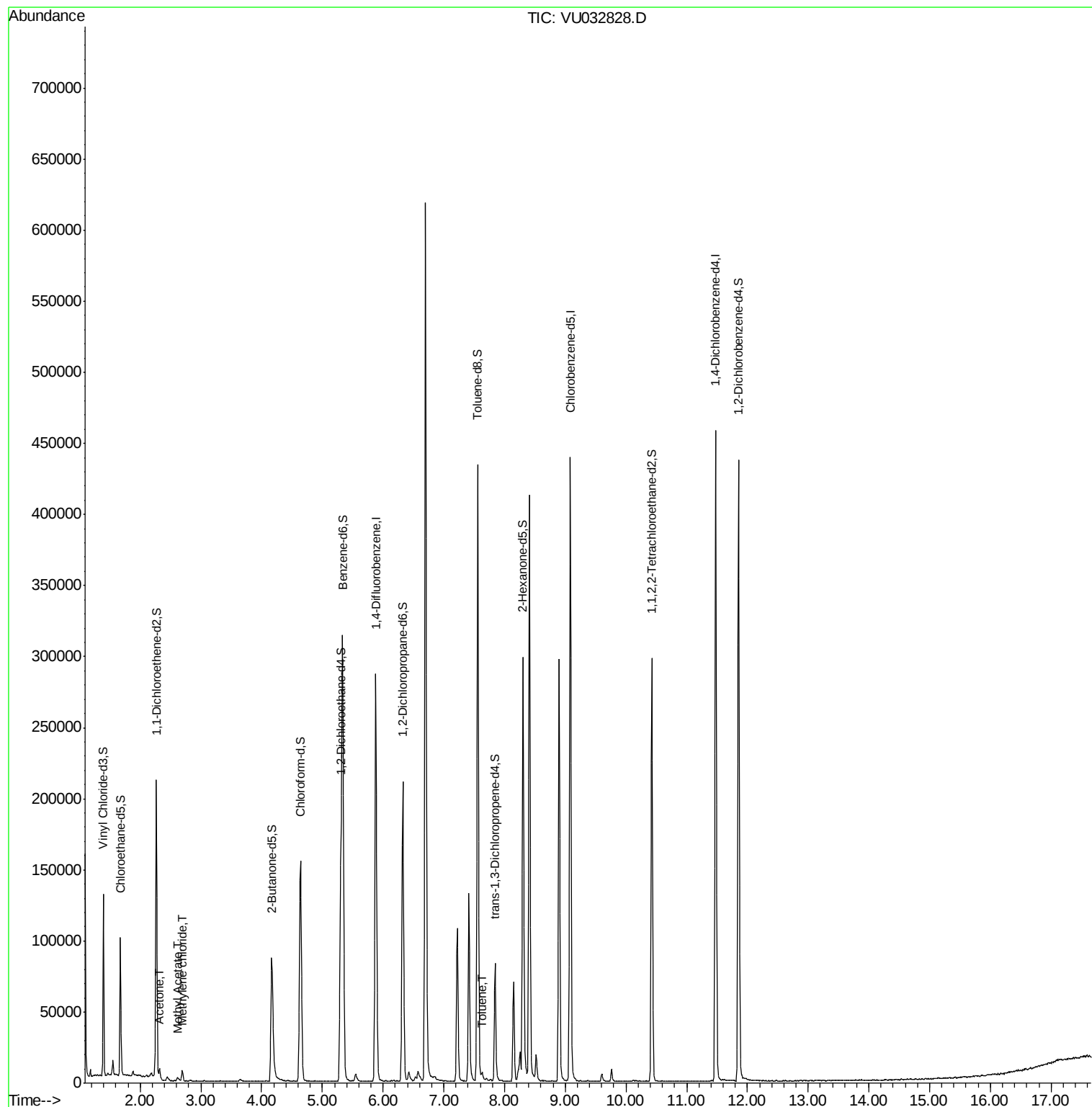
					Ovalue
13) Acetone	2.32	43	6469	3.535 ug/L	98
15) Methyl Acetate	2.61	43	3214	1.549 ug/L #	90
16) Methylene chloride	2.70	84	2838	1.649 ug/L	91
42) Toluene	7.63	91	3109	0.435 ug/L	94

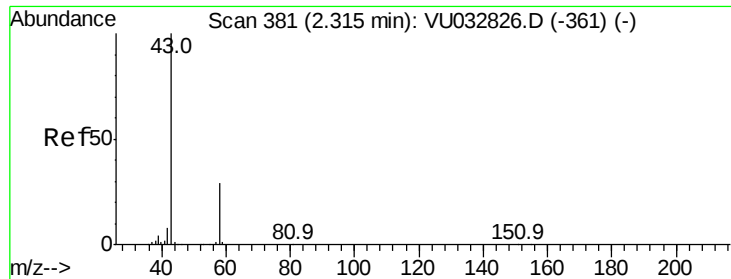
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.535 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032828.D

Acq: 18 Jun 2019 16:44

Instrument :

MSVOA_U

ClientSampleId :

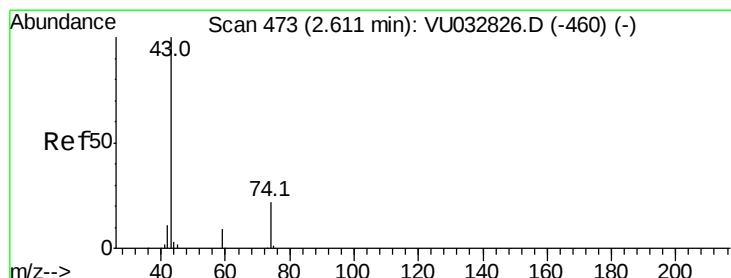
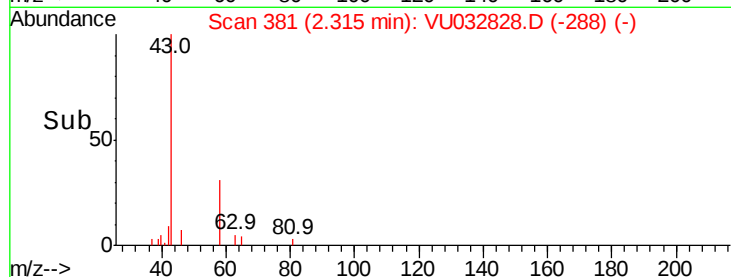
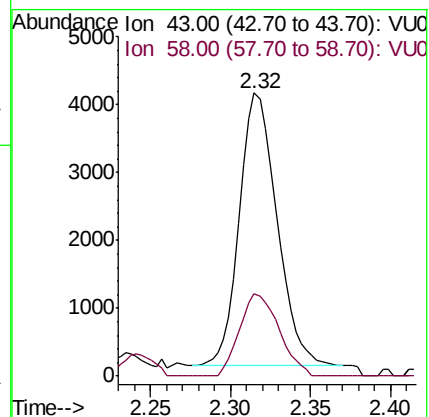
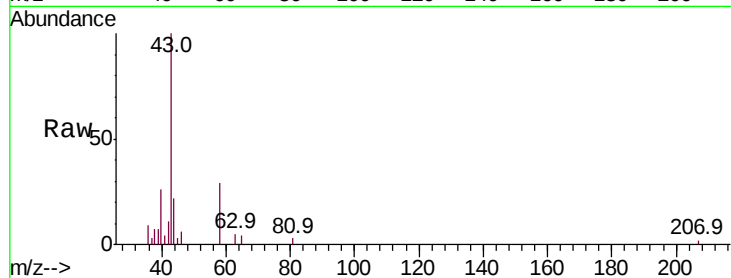
C0JP5

Tot Ion: 43 Resp: 6469

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.6



#15

Methyl Acetate

Concen: 1.549 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

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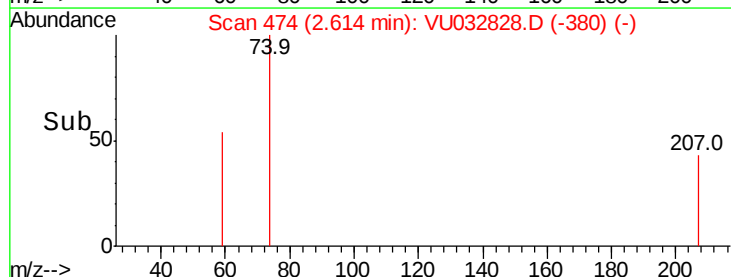
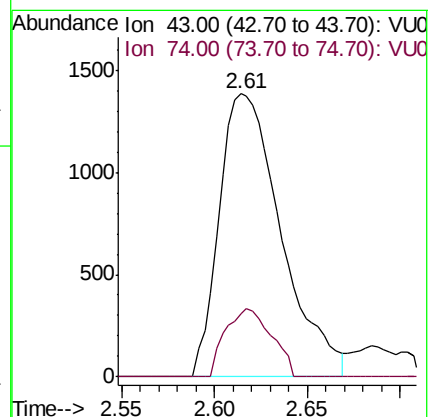
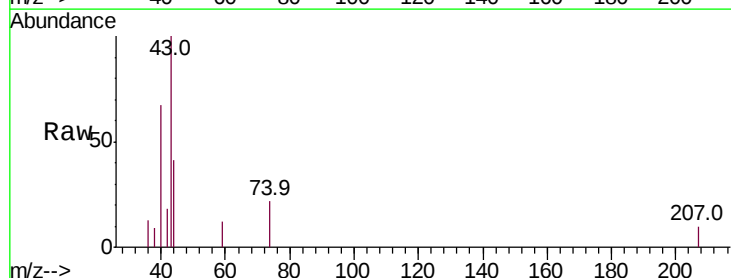
Acq: 18 Jun 2019 16:44

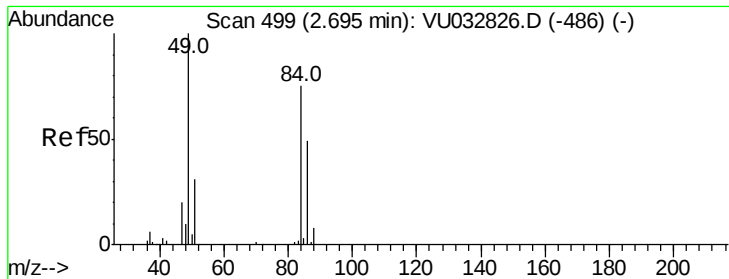
Tgt Ion: 43 Resp: 3214

Ion Ratio Lower Upper

43 100

74 18.0 18.1 27.1#

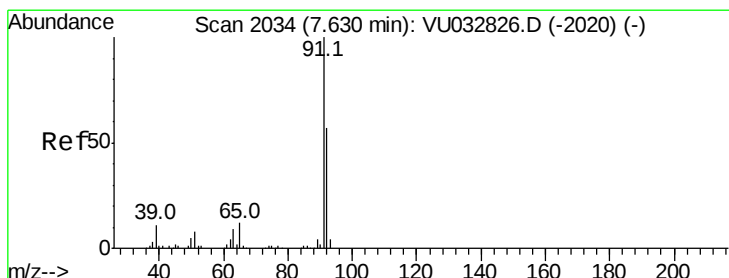
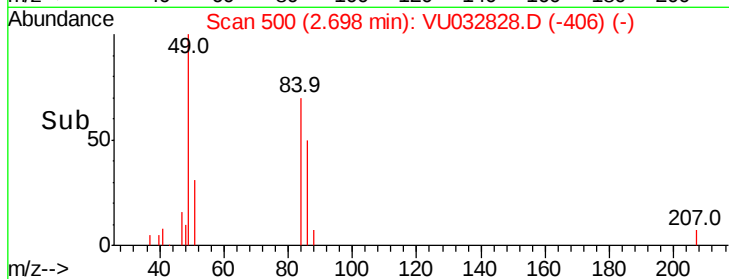
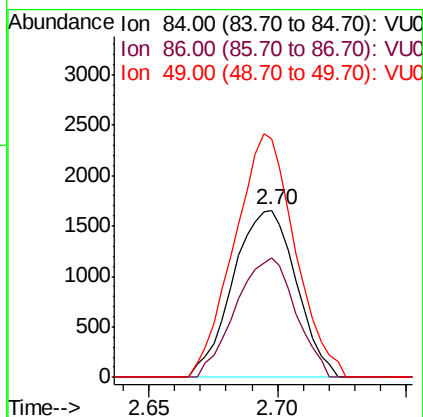
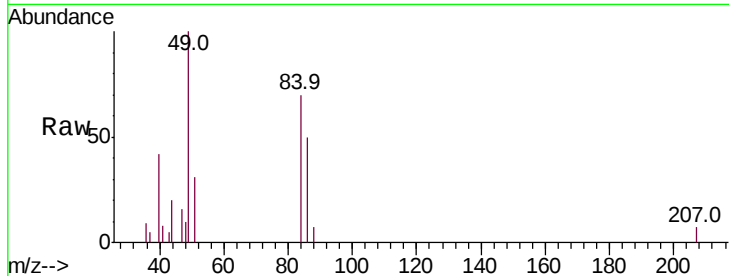




#16
Methvlene chloride
Concen: 1.649 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
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Instrument :
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C0JP5

Tot Ion: 84 Resp: 2838
Ion Ratio Lower Upper
84 100
86 71.7 45.5 84.5
49 142.8 92.1 171.1



#42
Toluene
Concen: 0.435 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032828.D
Acq: 18 Jun 2019 16:44

Tgt Ion: 91 Resp: 3109
Ion Ratio Lower Upper
91 100
92 62.0 40.4 75.0

