

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU071819\
 Data File : VU033314.D
 Acq On : 18 Jul 2019 13:14
 Operator : JC/SP
 Sample : K3863-09ME
 Misc : 4.23g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52J0ME

Quant Time: Aug 05 04:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	328552	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	321875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	166348	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43280	17.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.80%#
7) Chloroethane-d5	1.63	69	44036	20.73	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.46%#
11) 1,1-Dichloroethene-d2	2.22	63	76380	16.93	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	33.86%#
21) 2-Butanone-d5	4.16	46	174618	110.81	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.81%
24) Chloroform-d	4.61	84	157571	37.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	5.28	65	106243	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.48%
32) Benzene-d6	5.31	84	246372	31.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.40%#
36) 1,2-Dichloropropane-d6	6.31	67	101250	40.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.06%
41) Toluene-d8	7.55	98	202074	27.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	54.28%#
43) trans-1,3-Dichloropropene-	7.83	79	50703	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.31	63	141454	124.05	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.05%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	214242	55.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	147826	49.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.66%

Target Compounds

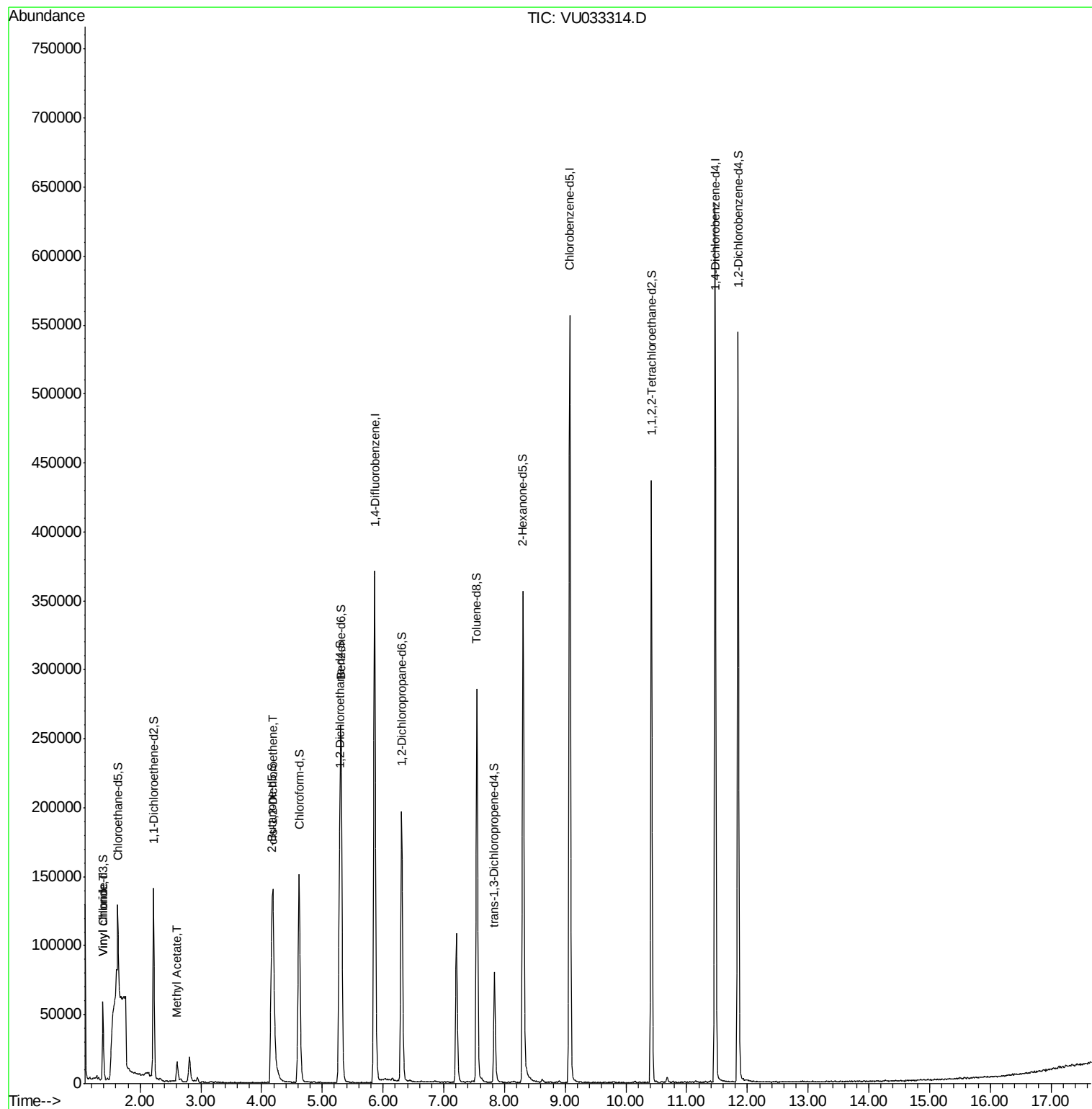
					Ovalue
5) Vinyl chloride	1.39	62	3247	0.876 ug/L	83
15) Methyl Acetate	2.61	43	17697	6.883 ug/L	90
20) cis-1,2-Dichloroethene	4.19	96	49022	19.175 ug/L	100

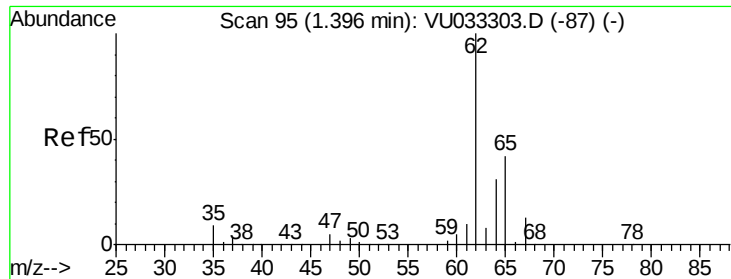
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.876 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033314.D

Acq: 18 Jul 2019 13:14

Instrument :

MSVOA_U

ClientSampleId :

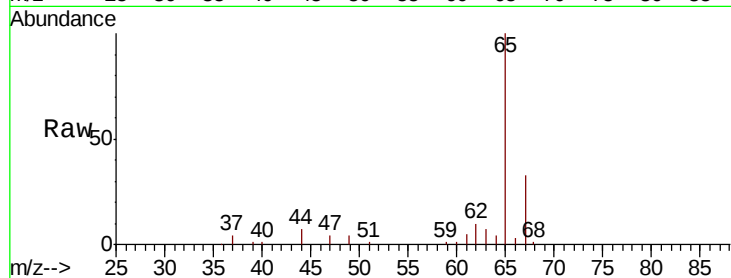
A52J0ME

Tot Ion: 62 Resp: 3247

Ion Ratio Lower Upper

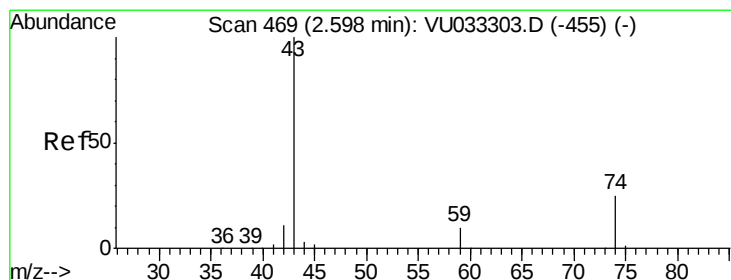
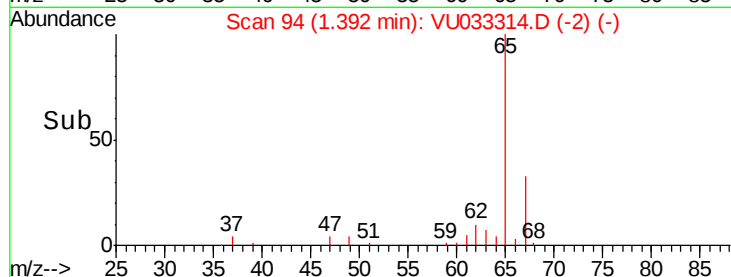
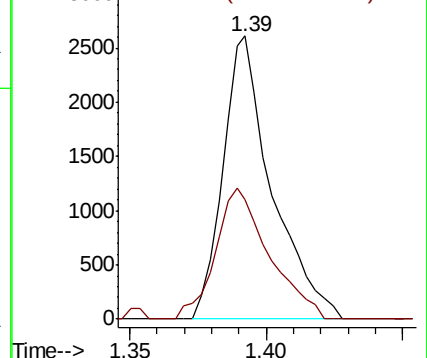
62 100

64 42.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#15

Methyl Acetate

Concen: 6.883 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

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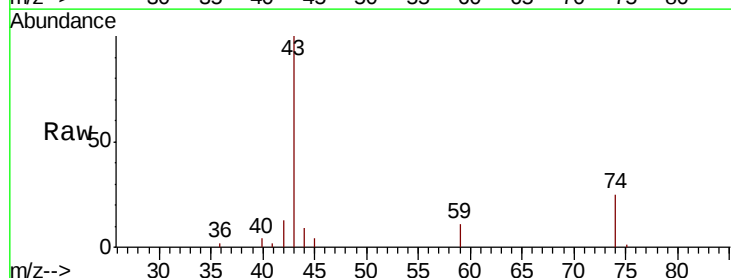
Acq: 18 Jul 2019 13:14

Tgt Ion: 43 Resp: 17697

Ion Ratio Lower Upper

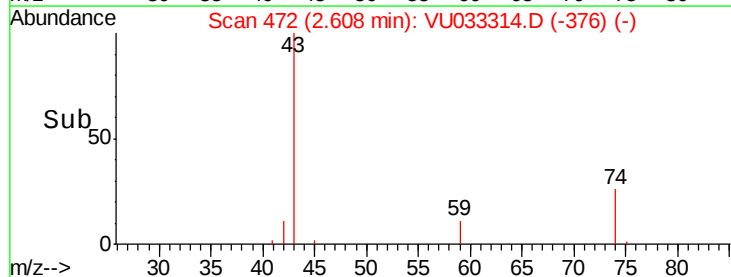
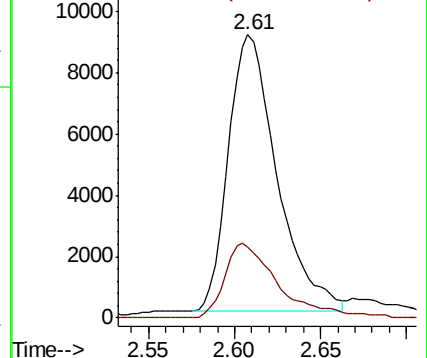
43 100

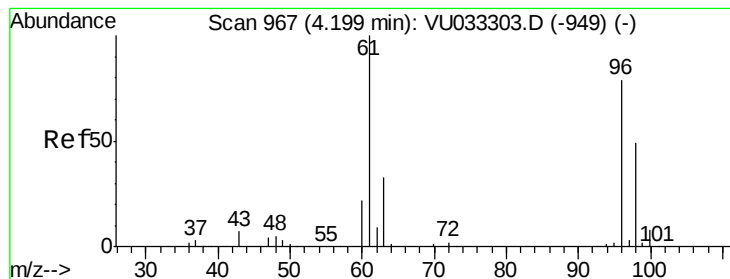
74 29.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#20

cis-1,2-Dichloroethene
 Concen: 19.175 ug/L
 RT: 4.19 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VU033314.D
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Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	129.9	91.1	169.1	
68	0.0	0.0	0.0	

