

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082319\
 Data File : VU033934.D
 Acq On : 23 Aug 2019 11:59
 Operator : JC/SP
 Sample : K4485-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B92

Quant Time: Aug 26 07:04:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 26 06:54:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	563699	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	571372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	232845	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	213850	43.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.52%
7) Chloroethane-d5	1.67	69	179849	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.72%
11) 1,1-Dichloroethene-d2	2.25	63	310551	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	4.15	46	302703	91.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.00%
24) Chloroform-d	4.62	84	366306	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.28	65	255449	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.31	84	765046	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.26%
36) 1,2-Dichloropropane-d6	6.31	67	254201	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.55	98	655437	44.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.38%
43) trans-1,3-Dichloropropene-	7.83	79	108997	44.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.68%
47) 2-Hexanone-d5	8.29	63	193533	88.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	342008	45.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	235428	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%

Target Compounds

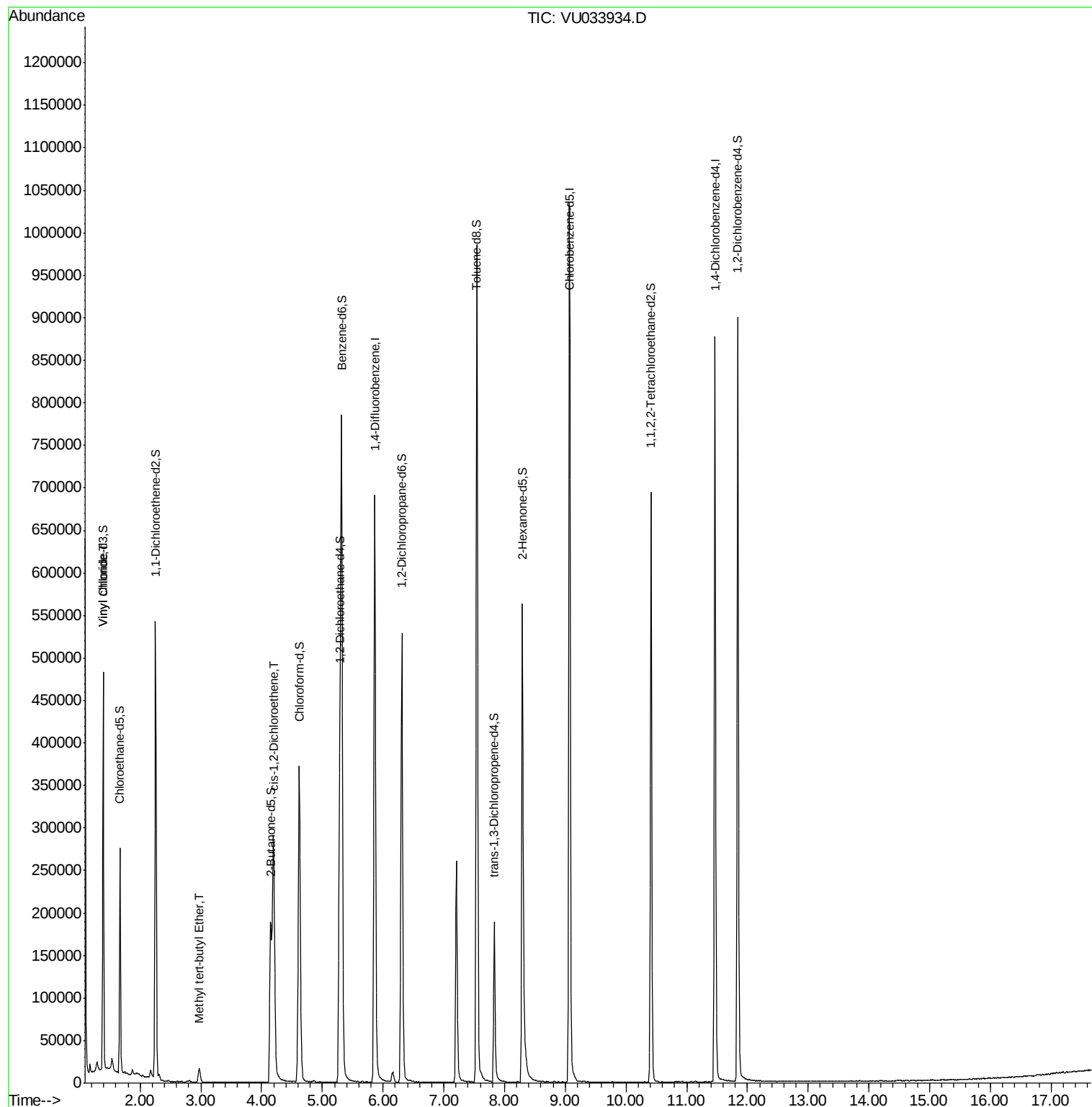
					Ovalue
5) Vinyl chloride	1.39	62	102679	17.433	ug/L 95
18) Methyl tert-butyl Ether	2.98	73	11387	0.921	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	149962	33.363	ug/L 98

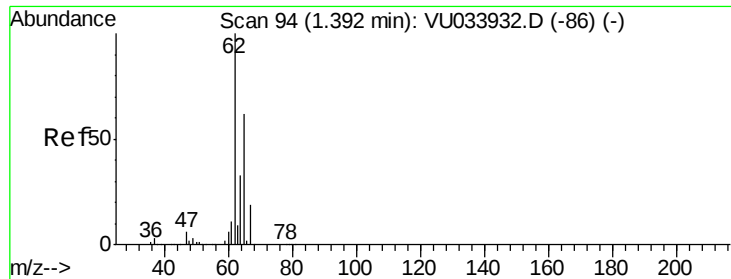
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 17.433 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033934.D

Acq: 23 Aug 2019 11:59

Instrument :

MSVOA_U

ClientSampled :

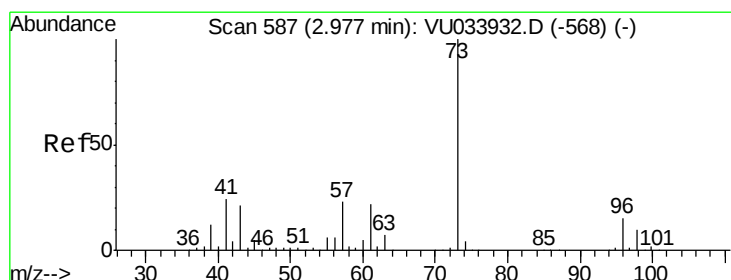
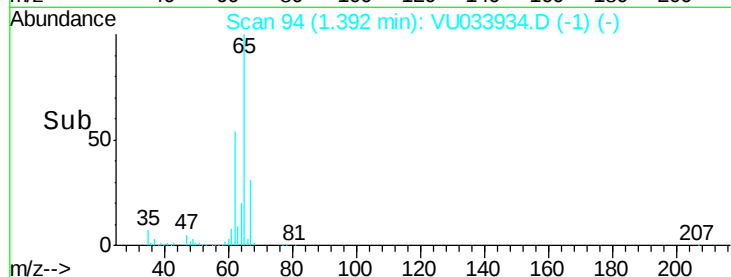
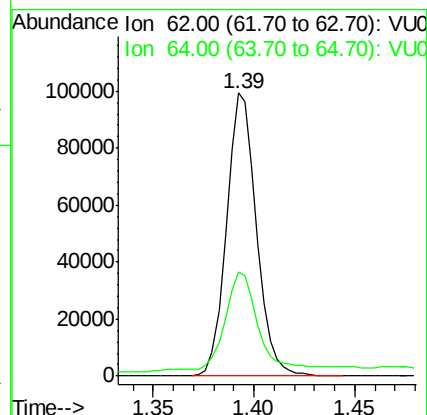
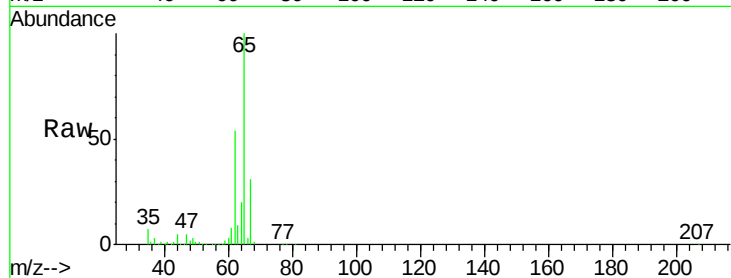
F2B92

Tot Ion: 62 Resp: 102679

Ion Ratio Lower Upper

62 100

64 36.9 23.7 44.1



#18

Methyl tert-butyl Ether

Concen: 0.921 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

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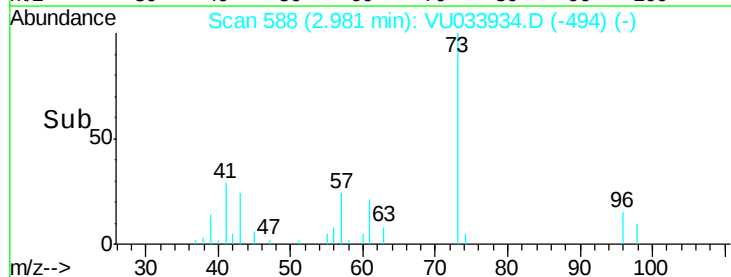
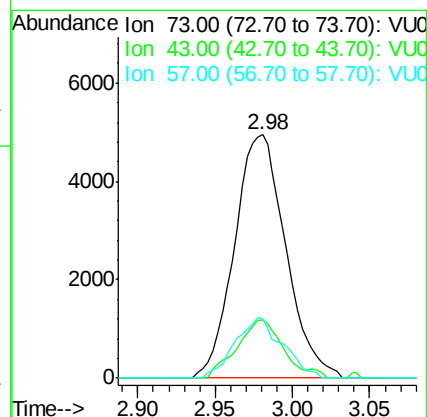
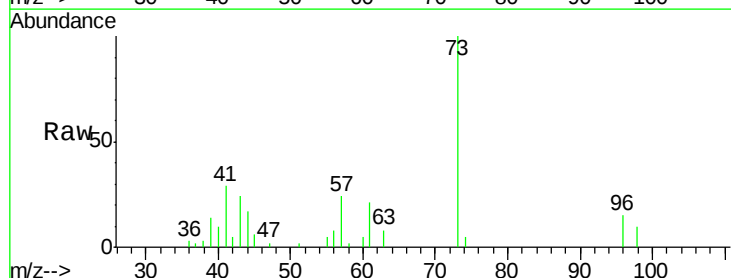
Tgt Ion: 73 Resp: 11387

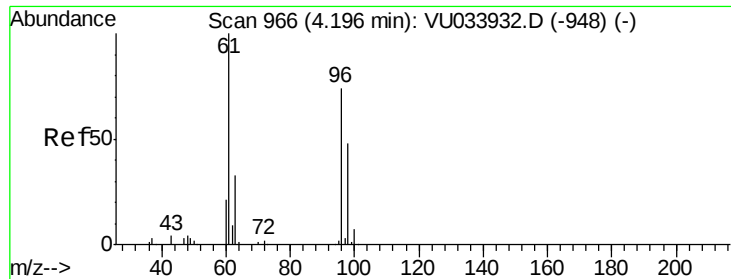
Ion Ratio Lower Upper

73 100

43 21.0 16.3 24.5

57 22.7 18.8 28.2





#20
 cis-1,2-Dichloroethene
 Concen: 33.363 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033934.D
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 F2B92

Tot Ion: 96 Resp: 149962
 Ion Ratio Lower Upper
 96 100
 61 133.9 95.5 177.4
 68 0.0 0.0 0.0

