

Data File : VU033734.D
Acq On : 10 Aug 2019 22:50
Operator : JC/SP
Sample : K4289-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B36

Quant Time: Aug 12 01:51:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:51:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	294945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139971	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36441	16.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	33.74%#
7) Chloroethane-d5	1.67	69	43261	19.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.96%#
11) 1,1-Dichloroethene-d2	2.26	63	52539	14.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.94%#
21) 2-Butanone-d5	4.15	46	166691	124.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.48%
24) Chloroform-d	4.62	84	128738	40.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.24%
26) 1,2-Dichloroethane-d4	5.29	65	83239	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.96%
32) Benzene-d6	5.32	84	206016	29.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	59.20%#
36) 1,2-Dichloropropane-d6	6.31	67	83141	38.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.84%
41) Toluene-d8	7.55	98	167604	25.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.20%#
43) trans-1,3-Dichloropropene-	7.83	79	35764	33.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.32%
47) 2-Hexanone-d5	8.29	63	118393	107.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	167926	53.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	101101	42.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.84%

Target Compounds

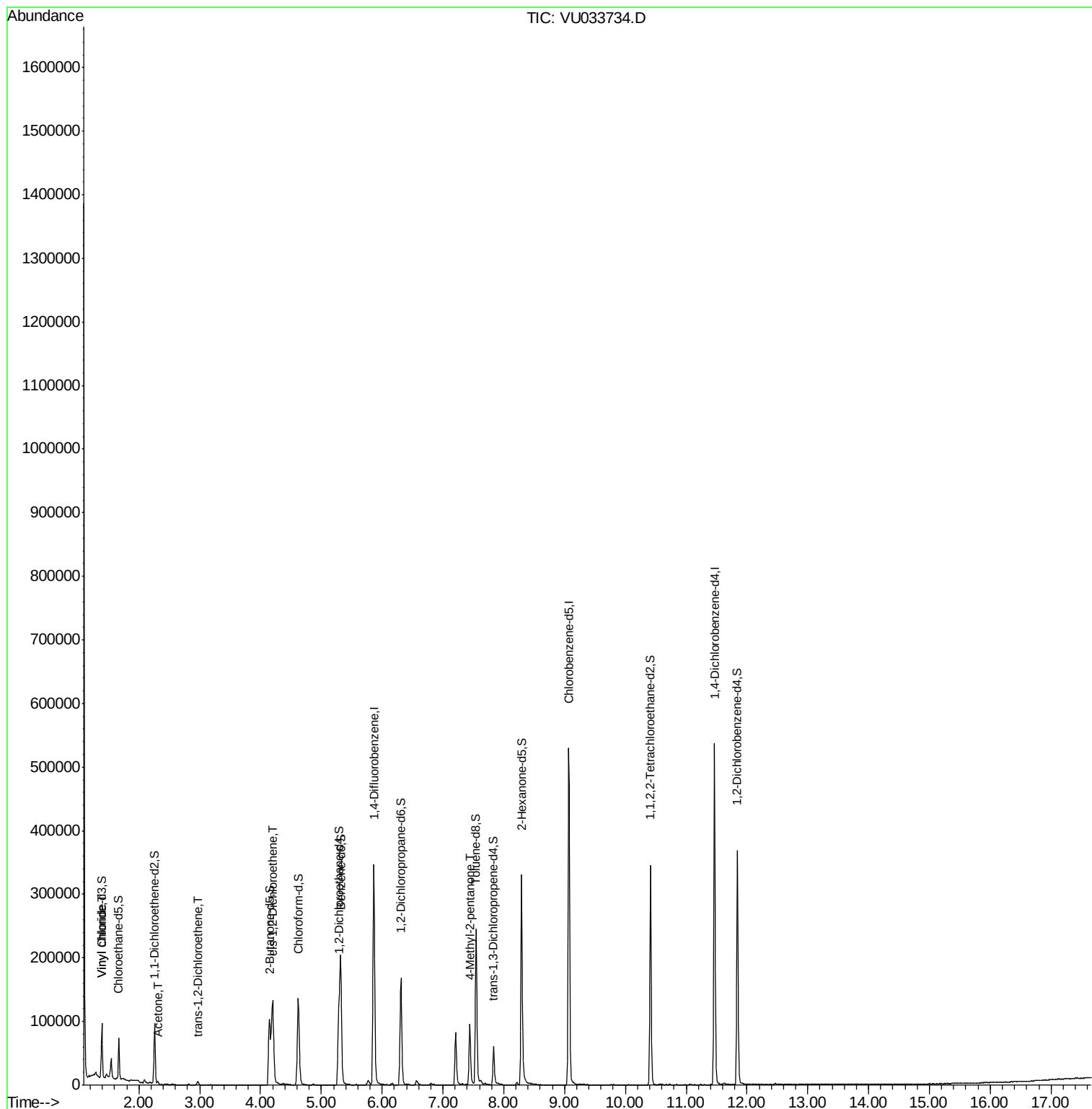
					Qvalue
5) Vinyl chloride	1.40	62	19383	7.847	ug/L 91
13) Acetone	2.31	43	4201	3.120	ug/L 93
17) trans-1,2-Dichloroethene	2.97	96	2402	1.299	ug/L 93
20) cis-1,2-Dichloroethene	4.20	96	73532	34.859	ug/L 99
40) 4-Methyl-2-pentanone	7.44	43	63657	19.540	ug/L 97

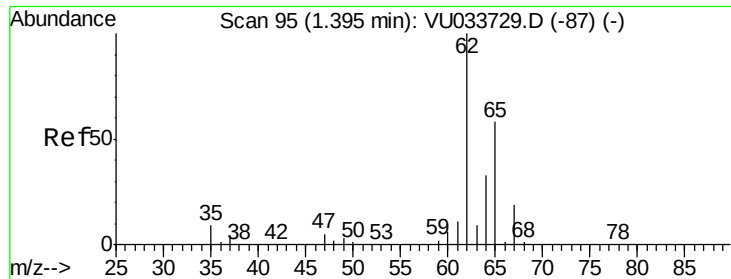
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.847 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

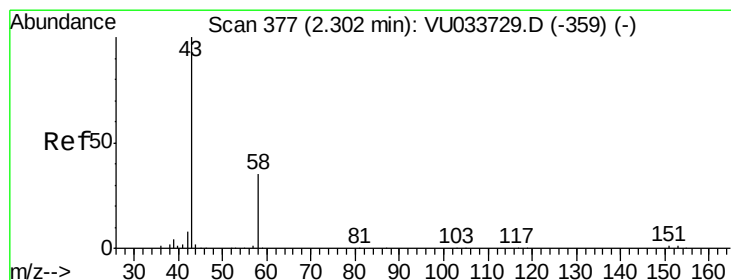
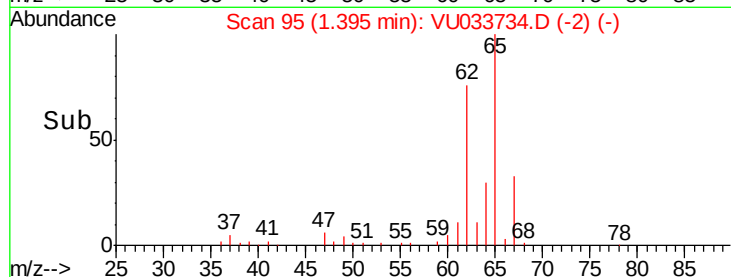
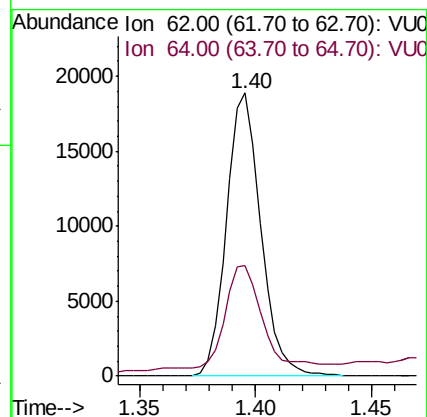
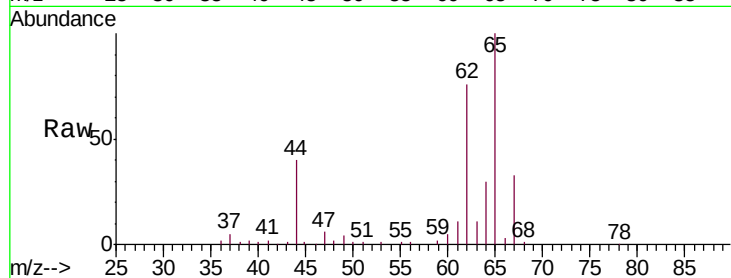
F2B36

Tgt Ion: 62 Resp: 19383

Ion Ratio Lower Upper

62 100

64 39.2 23.7 43.9



#13

Acetone

Concen: 3.120 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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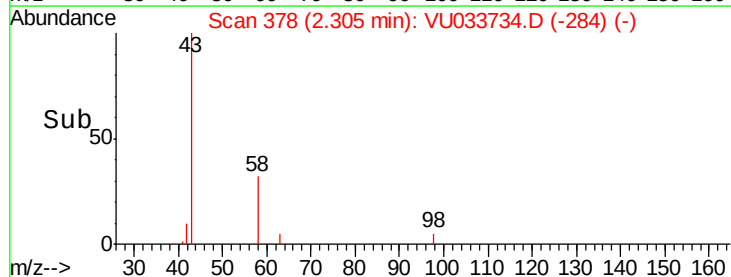
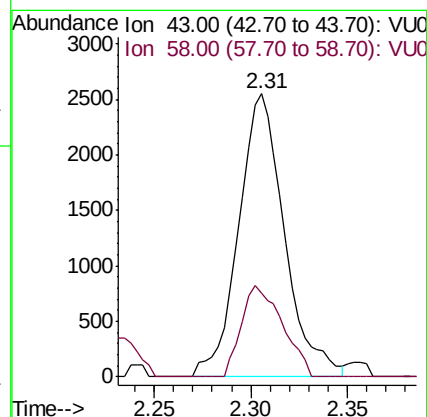
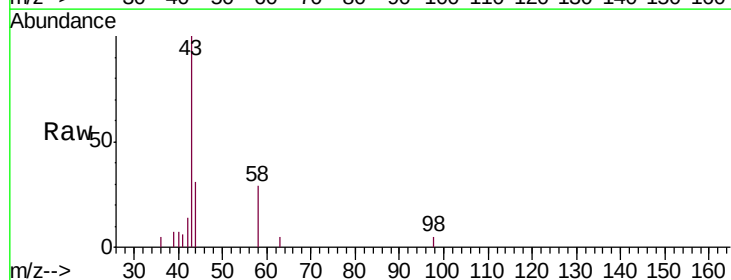
Acq: 10 Aug 2019 22:50

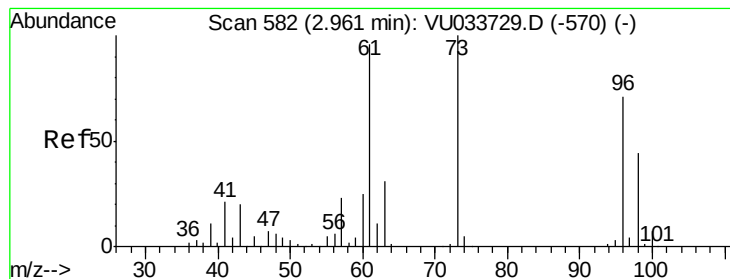
Tgt Ion: 43 Resp: 4201

Ion Ratio Lower Upper

43 100

58 28.9 0.0 65.6





#17

trans-1,2-Dichloroethene

Concen: 1.299 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU033734.D

Acq: 10 Aug 2019 22:50

Instrument :

MSVOA_U

ClientSampleId :

F2B36

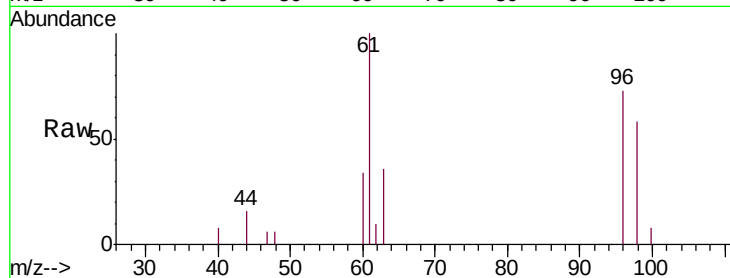
Tgt Ion: 96 Resp: 2402

Ion Ratio Lower Upper

96 100

61 136.9 95.6 177.6

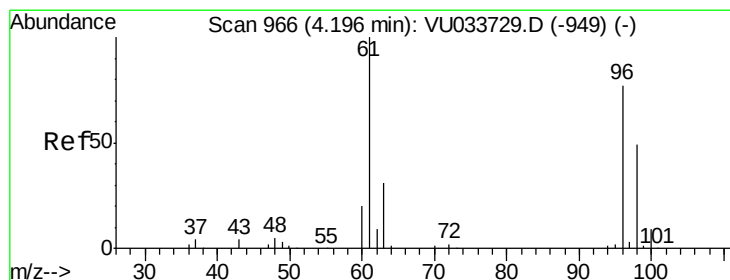
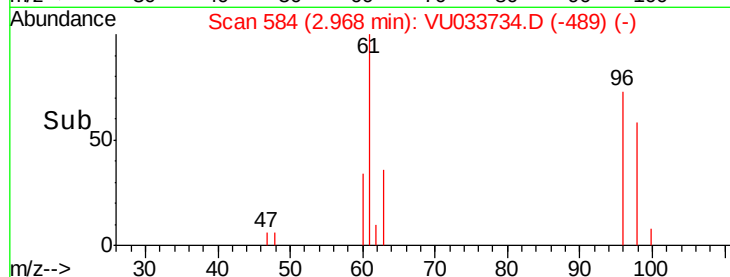
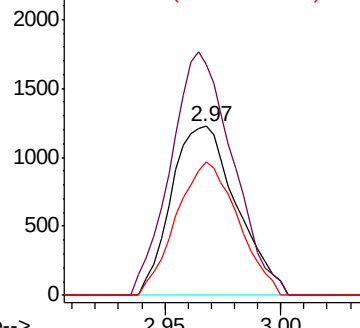
98 79.3 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU033729.D (-570) (-)

Ion 61.00 (60.70 to 61.70): VU033729.D (-570) (-)

Ion 98.00 (97.70 to 98.70): VU033729.D (-570) (-)



#20

cis-1,2-Dichloroethene

Concen: 34.859 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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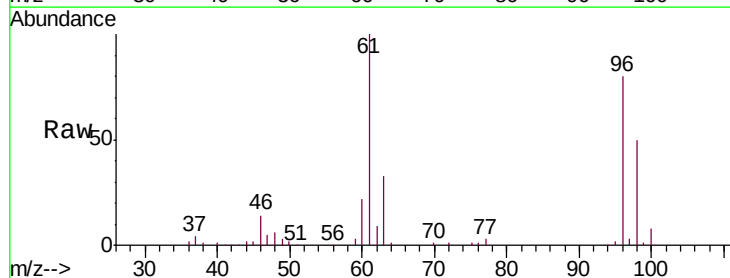
Tgt Ion: 96 Resp: 73532

Ion Ratio Lower Upper

96 100

61 125.1 87.0 161.6

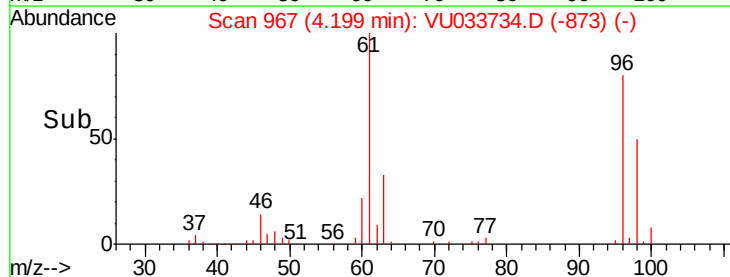
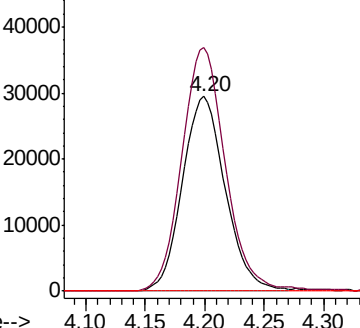
68 0.0 0.0 0.0

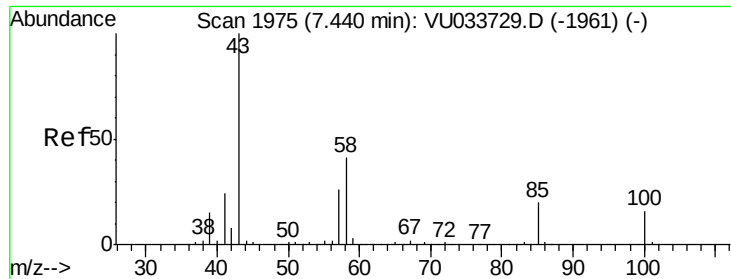


Abundance Ion 96.00 (95.70 to 96.70): VU033729.D (-949) (-)

Ion 61.00 (60.70 to 61.70): VU033729.D (-949) (-)

Ion 68.00 (67.70 to 68.70): VU033729.D (-949) (-)





#40
 4-Methyl-2-pentanone
 Concen: 19.540 ug/L
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU033734.D
 Acq: 10 Aug 2019 22:50

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B36

Tgt Ion:	43	Resp:	63657
Ion	Ratio	Lower	Upper
43	100		
58	40.0	33.4	50.0
100	14.9	13.2	19.8

