

Data File : VU033870.D
Acq On : 21 Aug 2019 14:03
Operator : JC/SP
Sample : K4420-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B71

Quant Time: Aug 22 05:47:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 05:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	389803	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	401391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	163541	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165755	47.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.54%
7) Chloroethane-d5	1.67	69	151985	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.68%
11) 1,1-Dichloroethene-d2	2.25	63	223089	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	4.15	46	188748	102.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.62	84	271682	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
26) 1,2-Dichloroethane-d4	5.29	65	178514	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
32) Benzene-d6	5.32	84	542677	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.31	67	179097	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.55	98	471148	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.83	79	75267	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.30	63	121173	90.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.25%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	248577	49.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.68%
64) 1,2-Dichlorobenzene-d4	11.84	152	177107	54.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.68%

Target Compounds

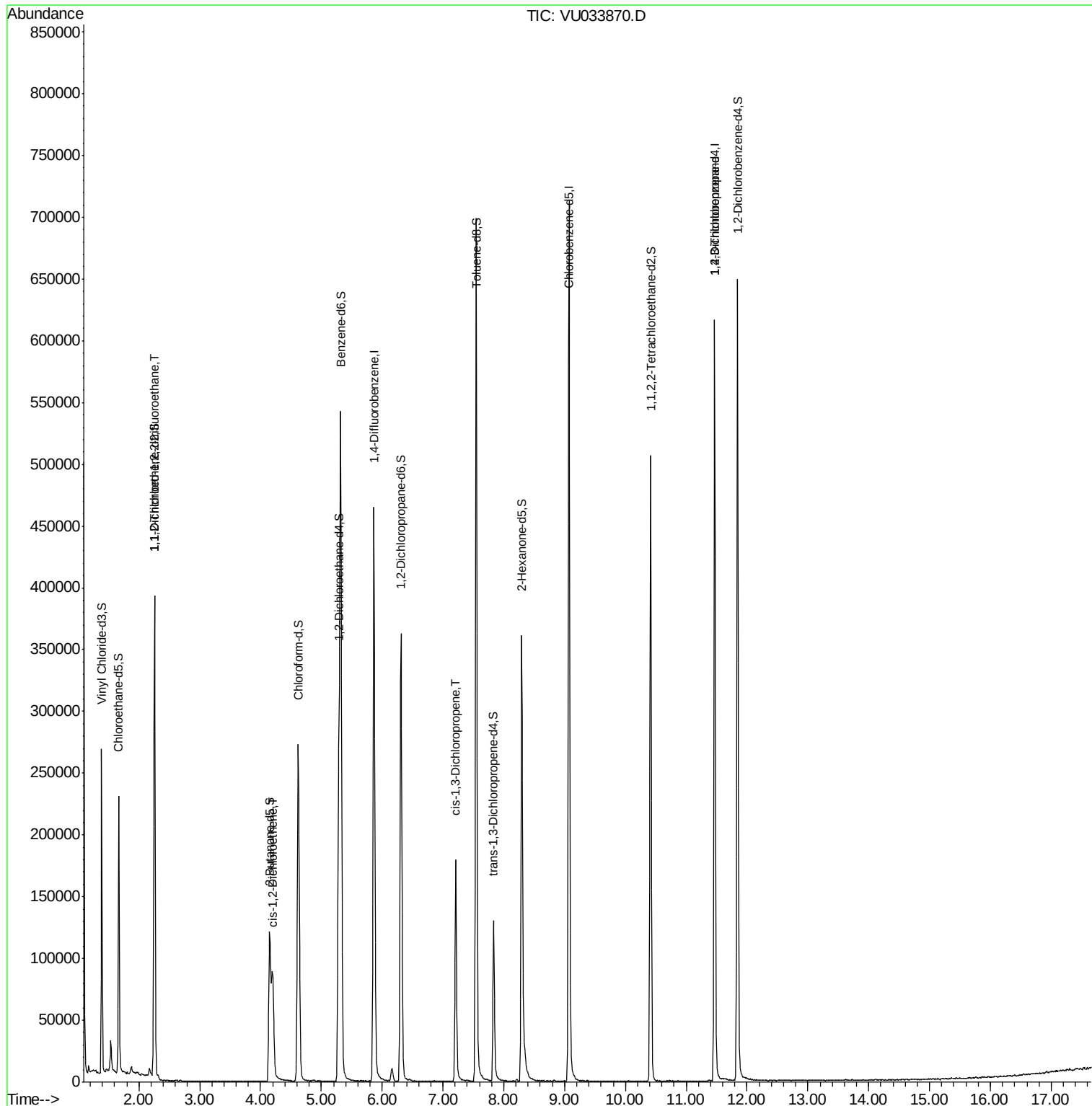
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	2025	0.729 ug/L #	19
20) cis-1,2-Dichloroethene	4.20	96	42617	14.028 ug/L	98
39) cis-1,3-Dichloropropene	7.21	75	4677	0.966 ug/L #	71
59) 1,2,3-Trichloropropane	11.47	75	19117	4.753 ug/L	92

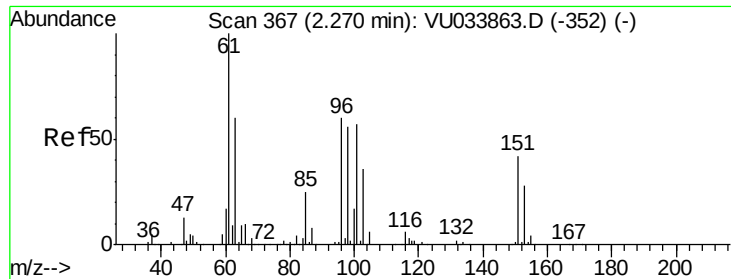
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.729 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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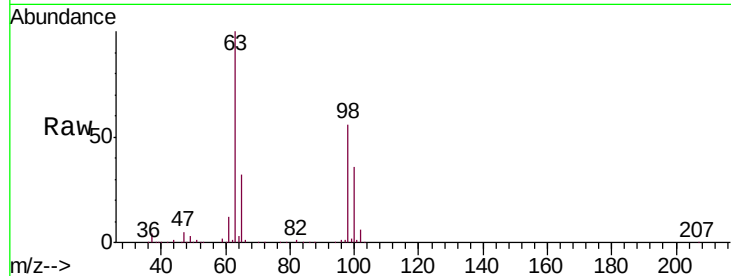
Tgt Ion: 101 Resp: 2025

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

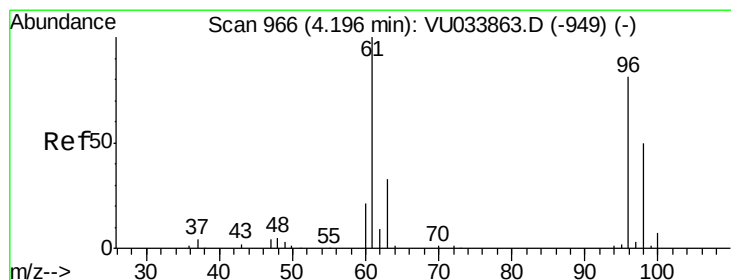
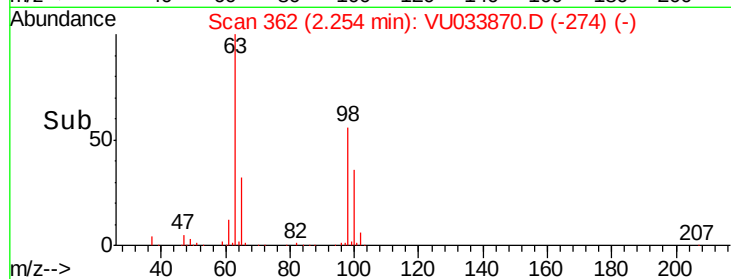
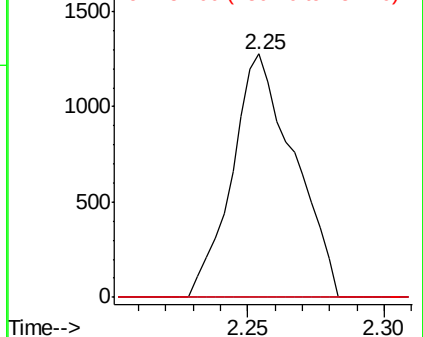
151 0.0 60.4 90.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 14.028 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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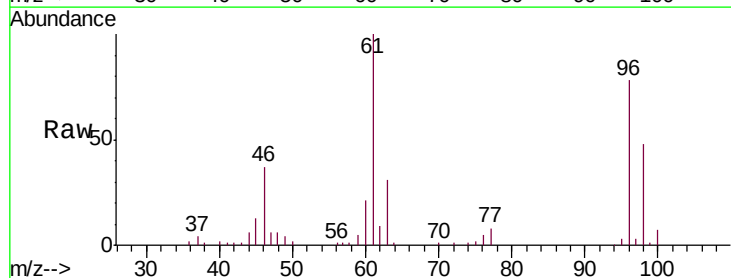
Tgt Ion: 96 Resp: 42617

Ion Ratio Lower Upper

96 100

61 127.8 88.2 163.8

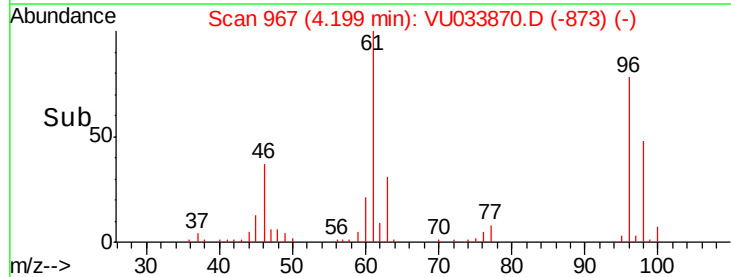
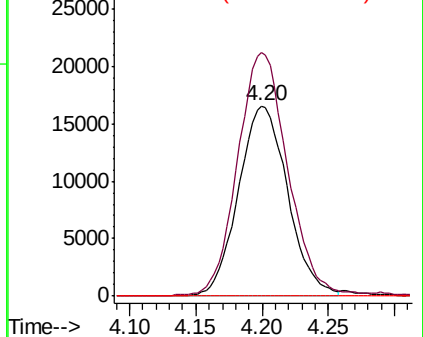
68 0.0 0.0 0.0

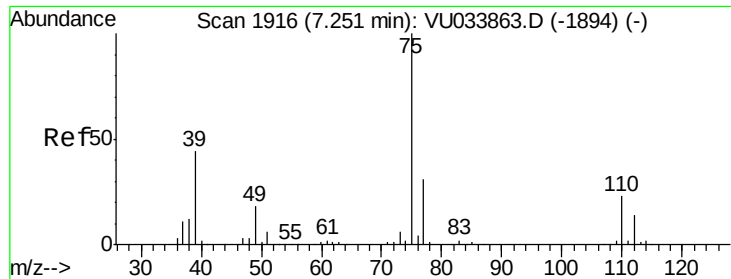


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

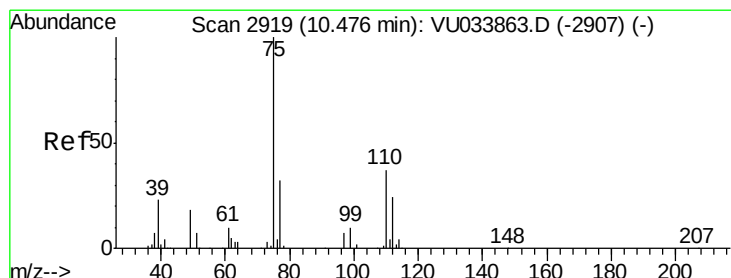
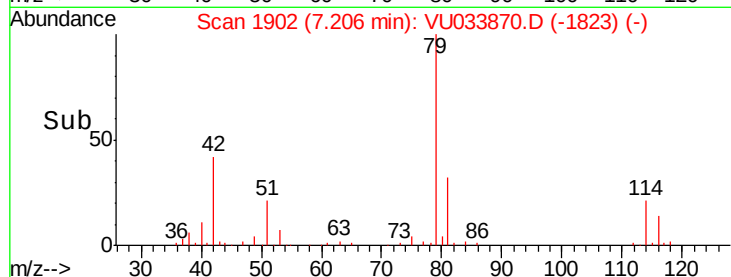
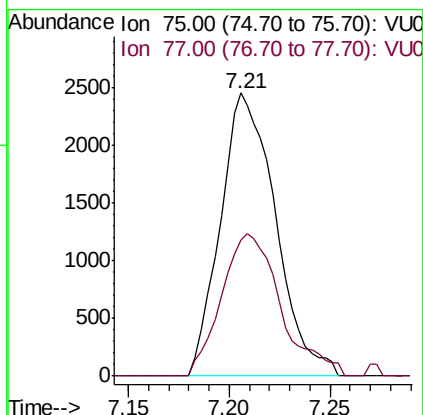
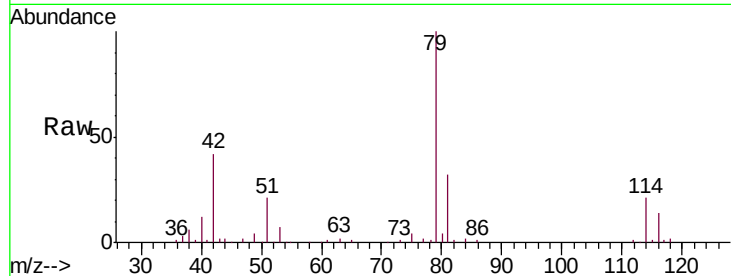




#39
 cis-1,3-Dichloropropene
 Concen: 0.966 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.05 min
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Tgt Ion: 75 Resp: 4677
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.5 41.7#



#59
 1,2,3-Trichloropropane
 Concen: 4.753 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 0.99 min
 Lab File: VU033870.D
 Acq: 21 Aug 2019 14:03

Tgt Ion: 75 Resp: 19117
 Ion Ratio Lower Upper
 75 100
 77 36.8 26.0 39.0

