

Data File : VU033878.D
Acq On : 21 Aug 2019 17:47
Operator : JC/SP
Sample : K4420-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B39DL

Quant Time: Aug 22 07:22:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	410134	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	416865	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	173050	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	158455	42.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.88%
7) Chloroethane-d5	1.67	69	146487	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.90%
11) 1,1-Dichloroethene-d2	2.25	63	206955	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
21) 2-Butanone-d5	4.15	46	184851	95.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.52%
24) Chloroform-d	4.62	84	268946	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
26) 1,2-Dichloroethane-d4	5.28	65	178305	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
32) Benzene-d6	5.32	84	540354	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
36) 1,2-Dichloropropane-d6	6.31	67	182311	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.32%
41) Toluene-d8	7.55	98	469466	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.83	79	74538	42.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.44%
47) 2-Hexanone-d5	8.29	63	124002	88.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.93%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	249817	47.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.48%
64) 1,2-Dichlorobenzene-d4	11.84	152	180527	52.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.68%

Target Compounds

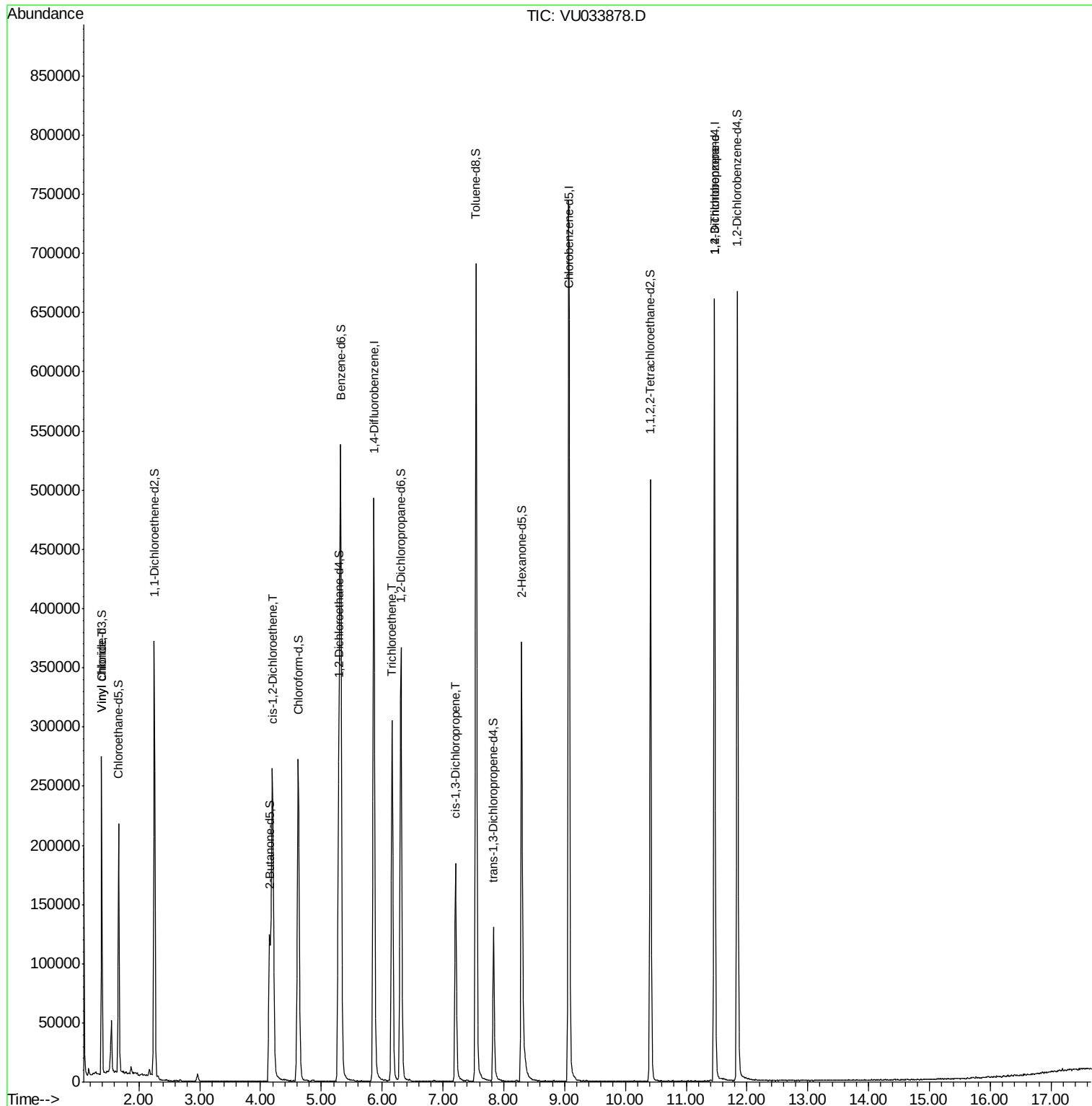
					Qvalue
5) Vinyl chloride	1.39	62	14319	3.108 ug/L	83
20) cis-1,2-Dichloroethene	4.20	96	139870	43.758 ug/L	95
34) Trichloroethene	6.16	95	100924	30.030 ug/L	97
39) cis-1,3-Dichloropropene	7.21	75	4702	0.936 ug/L #	58
59) 1,2,3-Trichloropropane	11.47	75	21249	5.087 ug/L	91

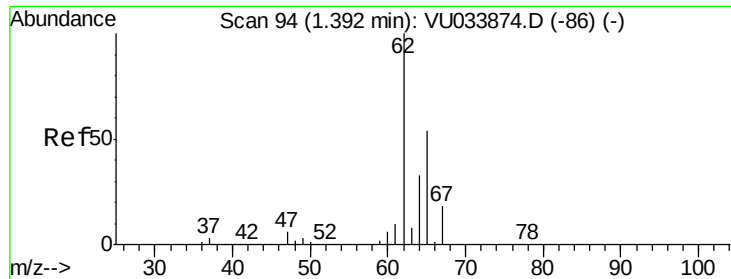
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.108 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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Acq: 21 Aug 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

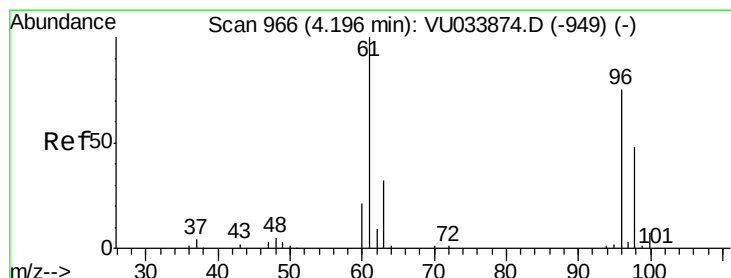
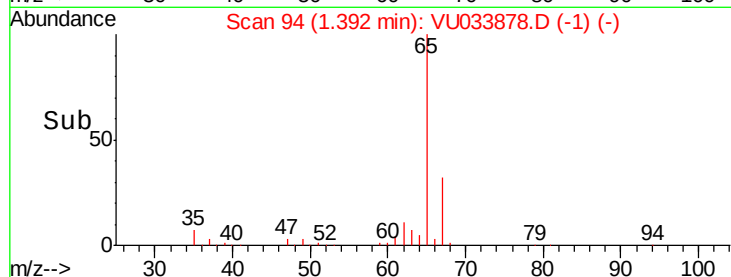
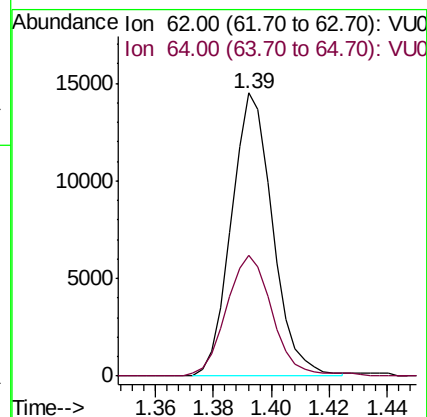
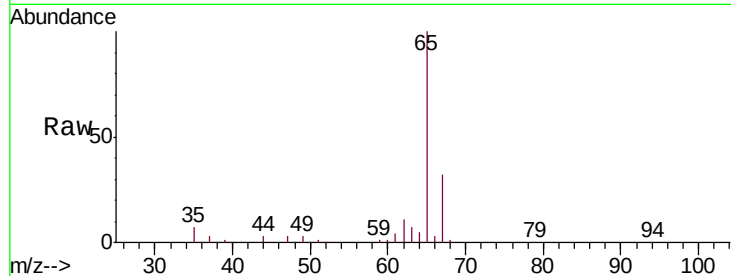
F2B39DL

Tgt Ion: 62 Resp: 14319

Ion Ratio Lower Upper

62 100

64 42.7 23.3 43.3



#20

cis-1,2-Dichloroethene

Concen: 43.758 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033878.D

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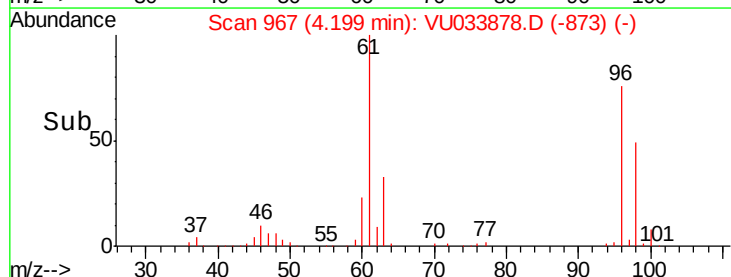
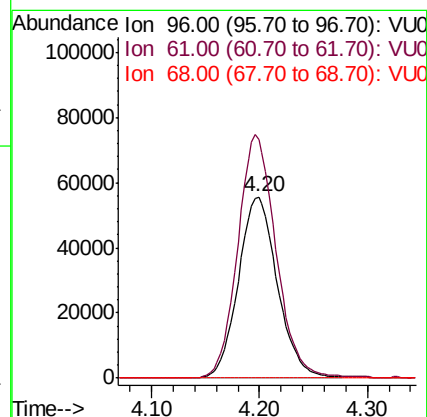
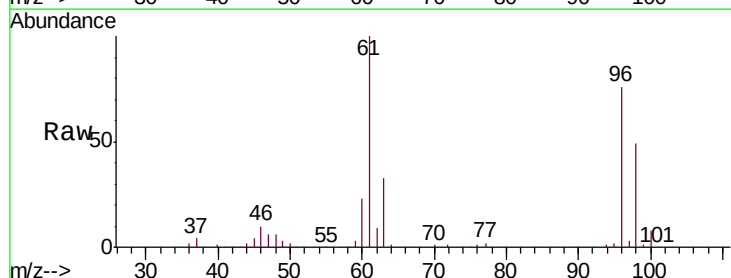
Tgt Ion: 96 Resp: 139870

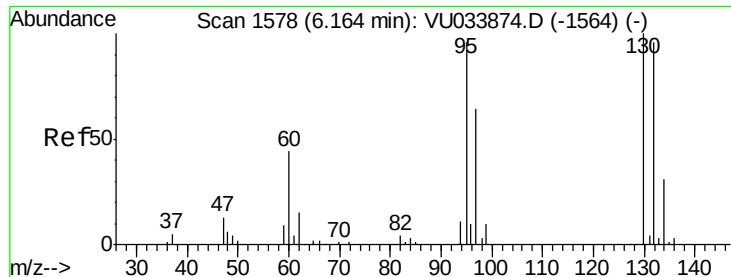
Ion Ratio Lower Upper

96 100

61 131.8 88.2 163.8

68 0.0 0.0 0.0

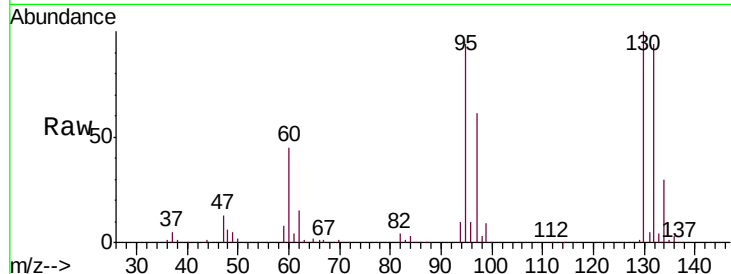




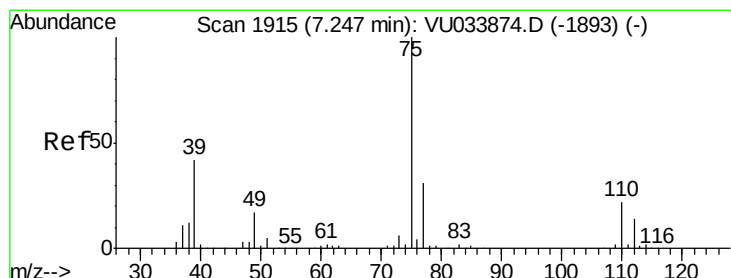
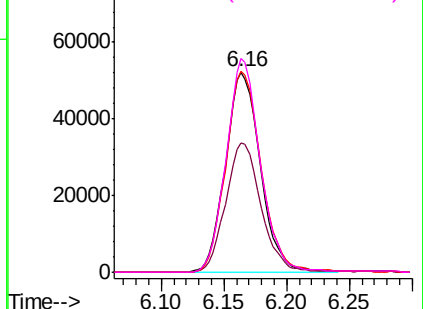
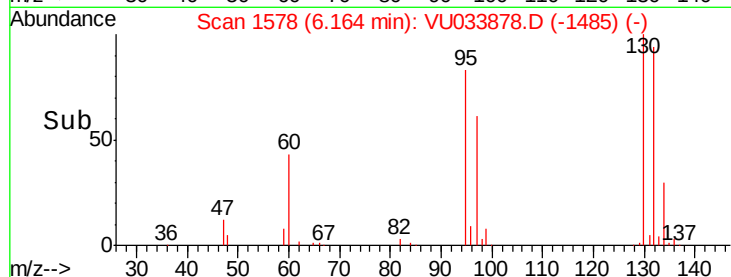
#34
 Trichloroethene
 Concen: 30.030 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
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Instrument :
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 ClientSampleID :
 F2B39DL

Tgt Ion: 95 Resp: 100924
 Ion Ratio Lower Upper
 95 100
 97 65.0 46.3 86.1
 132 100.5 67.9 126.1
 130 106.9 72.0 133.6

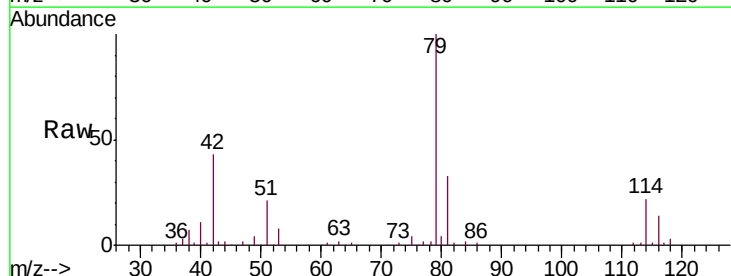


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

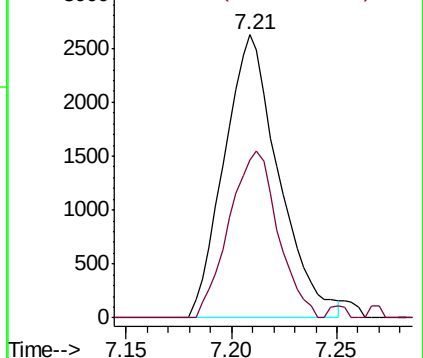
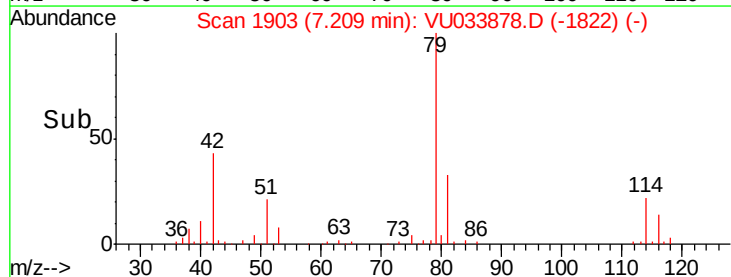


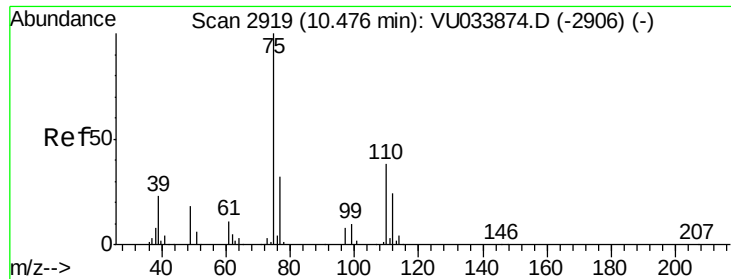
#39
 cis-1,3-Dichloropropene
 Concen: 0.936 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033878.D
 Acq: 21 Aug 2019 17:47

Tgt Ion: 75 Resp: 4702
 Ion Ratio Lower Upper
 75 100
 77 55.7 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.087 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033878.D

Acq: 21 Aug 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

F2B39DL

Tgt Ion: 75 Resp: 21249

Ion Ratio Lower Upper

75 100

77 37.7 26.0 39.0

