

Data File : VU033645.D
Acq On : 08 Aug 2019 18:10
Operator : JC/SP
Sample : K4202-03DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B03DL

Quant Time: Aug 09 08:22:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	293262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	300396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138534	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	149804	45.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.50%
7) Chloroethane-d5	1.67	69	125129	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.30%
11) 1,1-Dichloroethene-d2	2.26	63	193377	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	4.15	46	216581	89.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.33%
24) Chloroform-d	4.62	84	228791	41.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.42%
26) 1,2-Dichloroethane-d4	5.29	65	153061	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.52%
32) Benzene-d6	5.32	84	486524	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.86%
36) 1,2-Dichloropropane-d6	6.31	67	154687	43.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.86%
41) Toluene-d8	7.55	98	434752	41.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.96%
43) trans-1,3-Dichloropropene-	7.83	79	71761	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.32%
47) 2-Hexanone-d5	8.29	63	152933	85.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	227402	40.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	168946	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

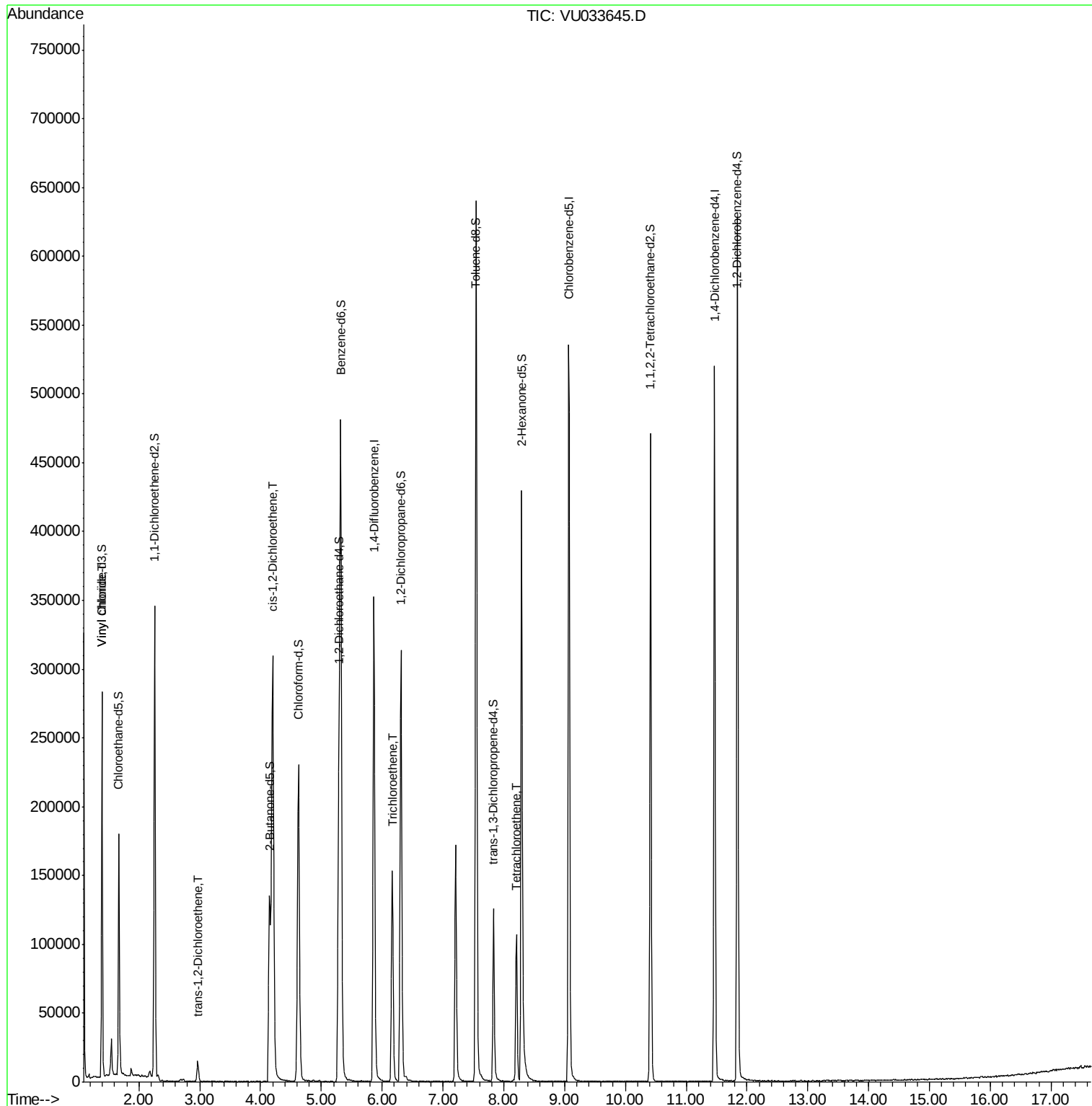
					Qvalue
5) Vinyl chloride	1.40	62	37523	11.788 ug/L	93
17) trans-1,2-Dichloroethene	2.97	96	5390	2.494 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	171847	70.601 ug/L	98
34) Trichloroethene	6.17	95	53525	22.005 ug/L	98
46) Tetrachloroethene	8.21	164	24004	12.164 ug/L	98

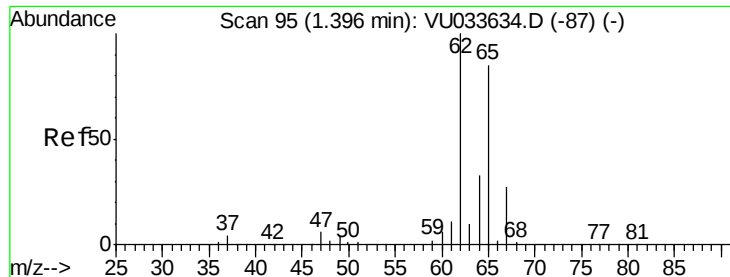
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.788 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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ClientSampleId :

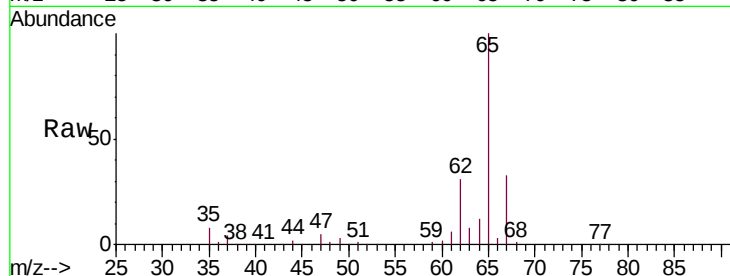
F2B03DL

Tgt Ion: 62 Resp: 37523

Ion Ratio Lower Upper

62 100

64 37.9 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.40

40000

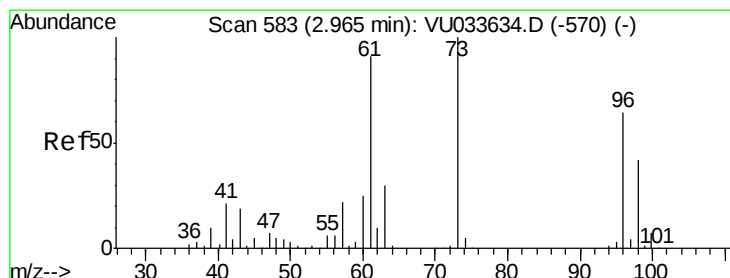
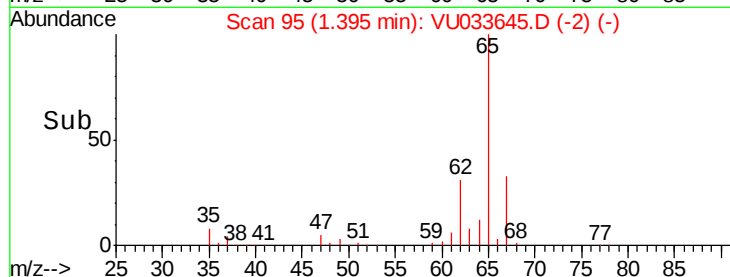
30000

20000

10000

0

Time-->



#17

trans-1,2-Dichloroethene

Concen: 2.494 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

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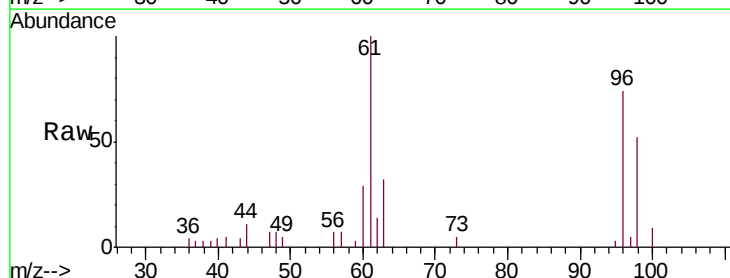
Tgt Ion: 96 Resp: 5390

Ion Ratio Lower Upper

96 100

61 135.4 98.7 183.3

98 70.5 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5000

4000

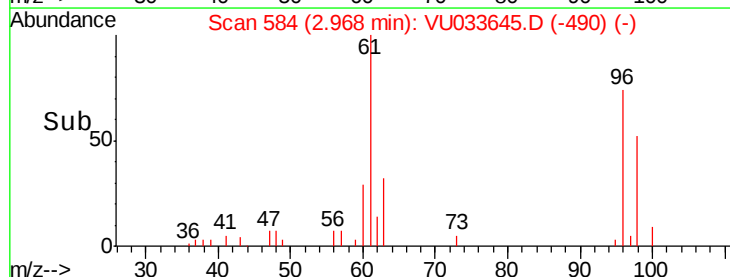
3000

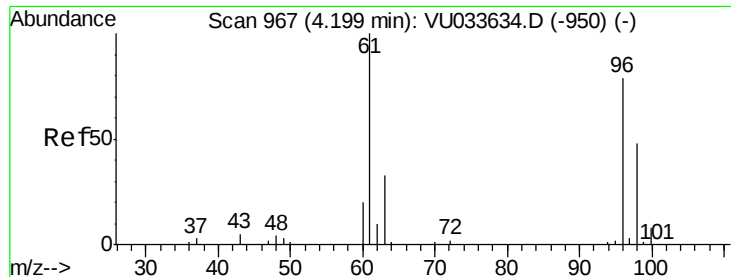
2000

1000

0

Time-->

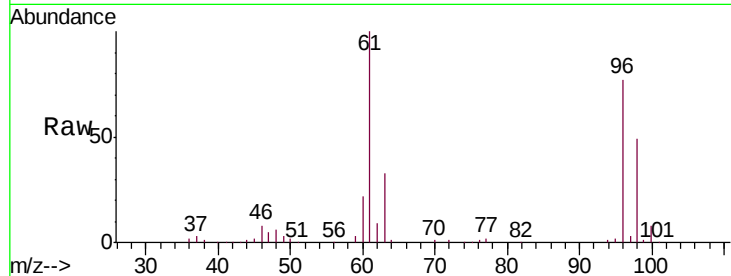




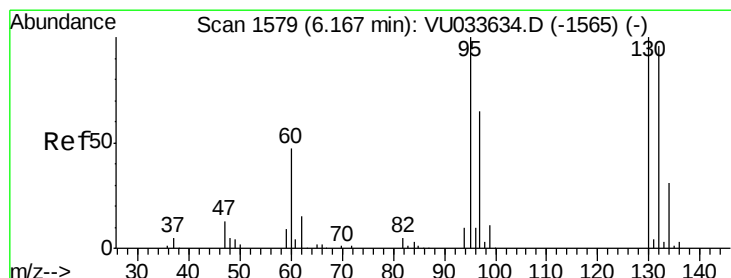
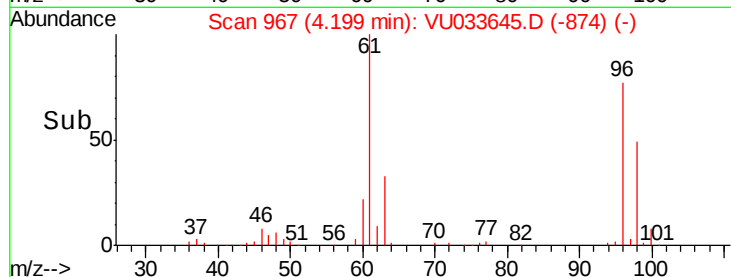
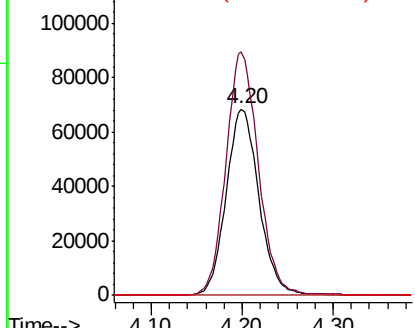
#20
 cis-1,2-Dichloroethene
 Concen: 70.601 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
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 F2B03DL

Tgt Ion: 96 Resp: 171847
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.0 172.8
 68 0.0 0.0 0.0

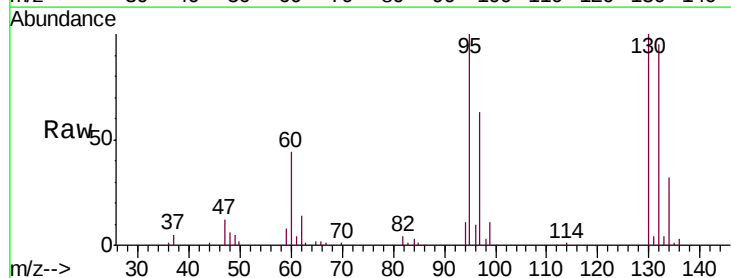


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

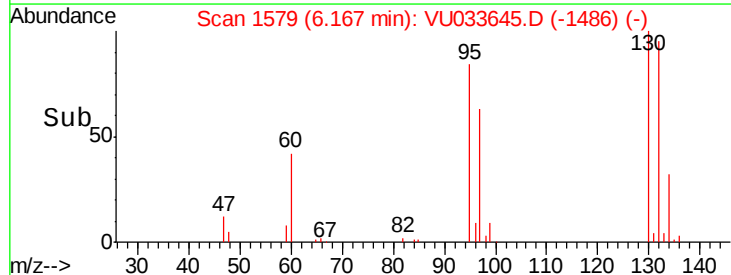
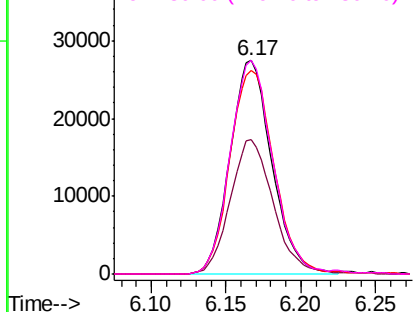


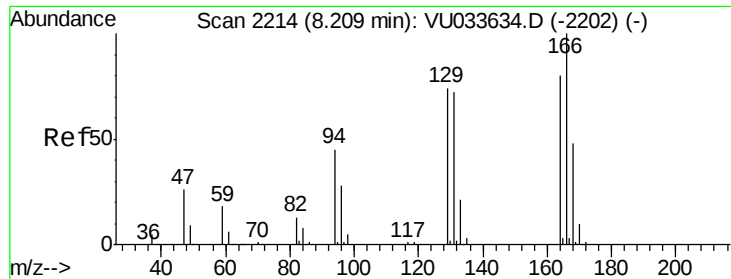
#34
 Trichloroethene
 Concen: 22.005 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: VU033645.D
 Acq: 08 Aug 2019 18:10

Tgt Ion: 95 Resp: 53525
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.4 82.5
 132 95.2 69.1 128.3
 130 100.1 71.7 133.3



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





#46

Tetrachloroethene

Concen: 12.164 ug/L

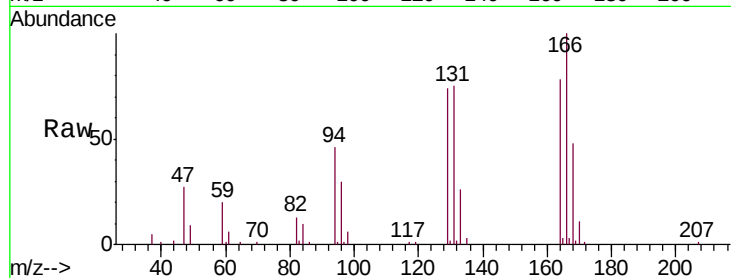
RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033645.D

Acq: 08 Aug 2019 18:10

Instrument :
MSVOA_U
ClientSampleId :
F2B03DL



Tgt Ion:	164	Resp:	24004
Ion	Ratio	Lower	Upper
164	100		
129	94.4	68.1	126.5
131	95.8	65.5	121.6
166	128.3	88.5	164.3

