

Data File : VU033643.D
Acq On : 08 Aug 2019 17:24
Operator : JC/SP
Sample : K4202-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B01

Quant Time: Aug 09 08:15:22 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	285261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	290272	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	132966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	151401	47.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.02%
7) Chloroethane-d5	1.67	69	121113	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.86%
11) 1,1-Dichloroethene-d2	2.26	63	187840	36.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.16%
21) 2-Butanone-d5	4.15	46	196934	83.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.50%
24) Chloroform-d	4.62	84	199157	37.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.64%
26) 1,2-Dichloroethane-d4	5.29	65	150399	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.40%
32) Benzene-d6	5.32	84	478638	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
36) 1,2-Dichloropropane-d6	6.31	67	151031	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.76%
41) Toluene-d8	7.55	98	426689	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%
43) trans-1,3-Dichloropropene-	7.83	79	70383	41.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.56%
47) 2-Hexanone-d5	8.29	63	146029	84.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.75%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	223249	41.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	166143	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%

Target Compounds

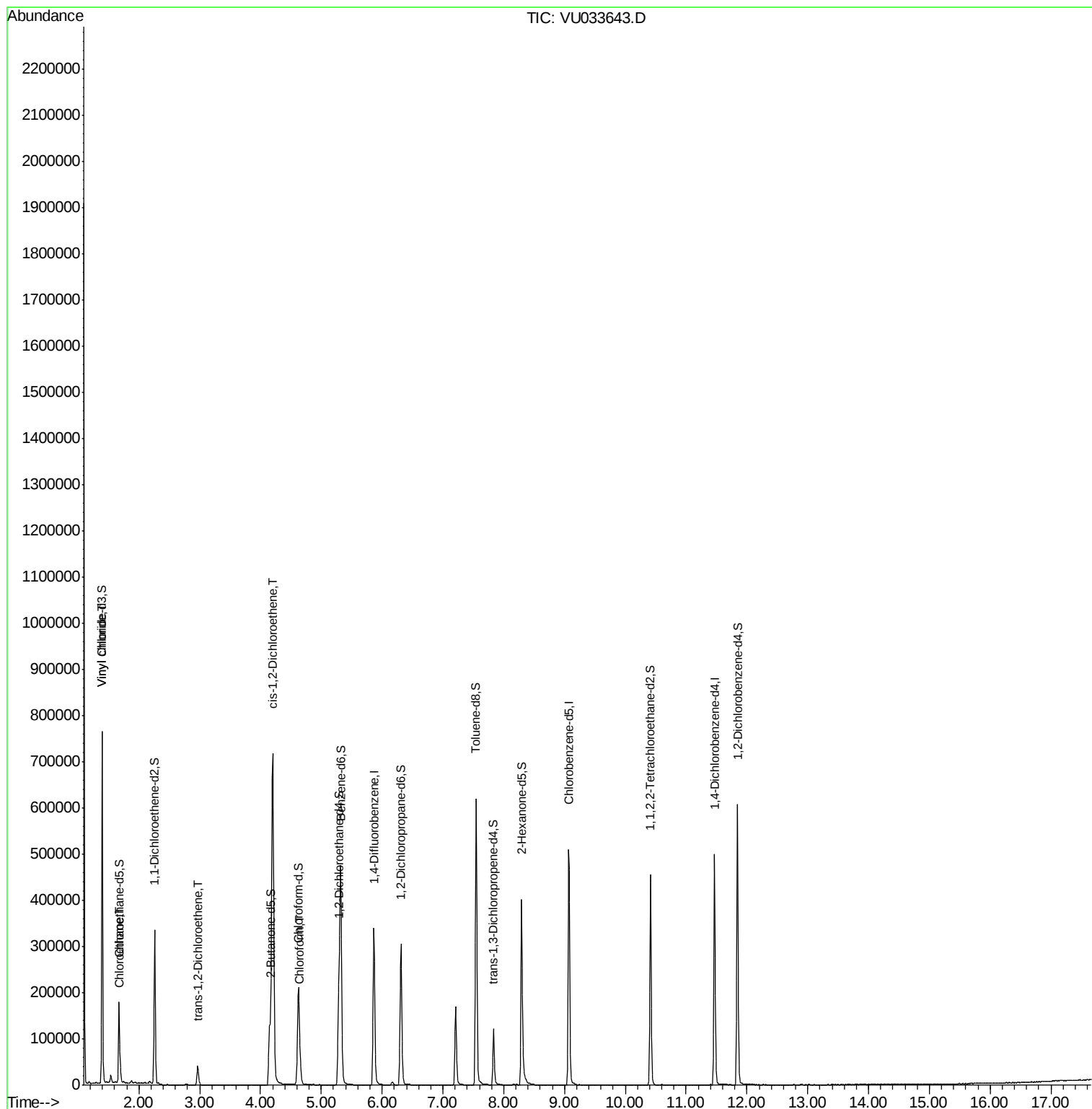
						Qvalue
5) Vinyl chloride	1.40	62	354312	114.433	ug/L	98
8) Chloroethane	1.69	64	20753	10.746	ug/L	98
17) trans-1,2-Dichloroethene	2.97	96	14274	6.789	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	402216	169.880	ug/L	98
25) Chloroform	4.65	83	31701	7.378	ug/L	94

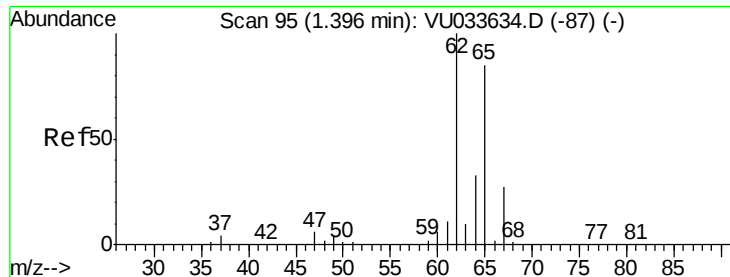
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033643.D
Acq On : 08 Aug 2019 17:24
Operator : JC/SP
Sample : K4202-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B01

Quant Time: Aug 09 08:15:22 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





#5

Vinyl chloride

Concen: 114.433 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033643.D

Acq: 08 Aug 2019 17:24

Instrument :

MSVOA_U

ClientSampleId :

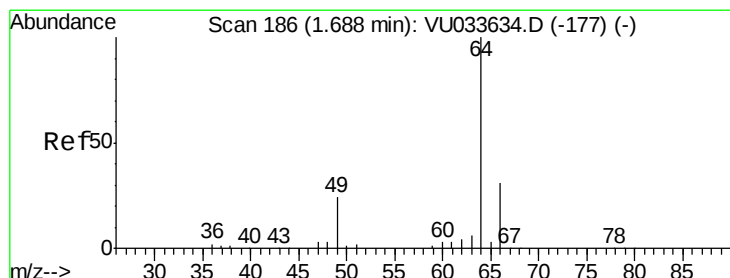
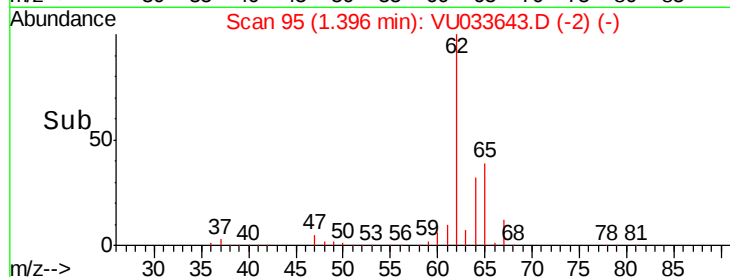
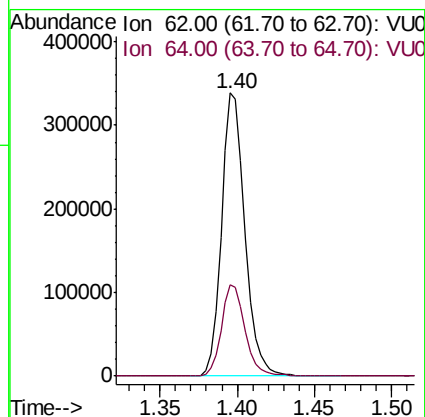
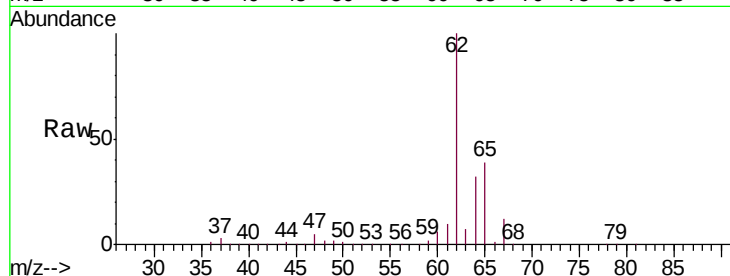
F2B01

Tgt Ion: 62 Resp: 354312

Ion Ratio Lower Upper

62 100

64 32.4 23.6 43.8



#8

Chloroethane

Concen: 10.746 ug/L

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033643.D

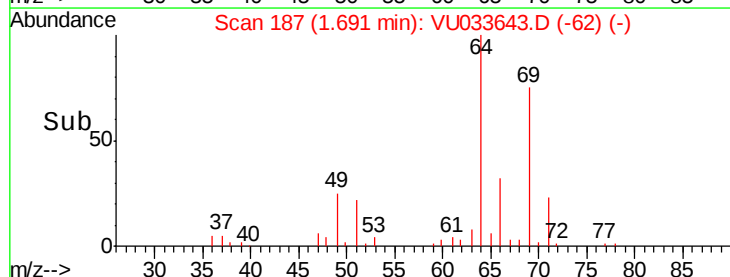
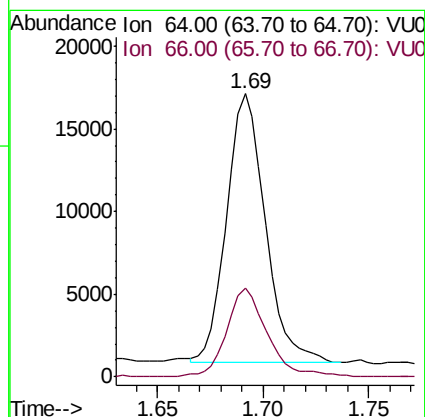
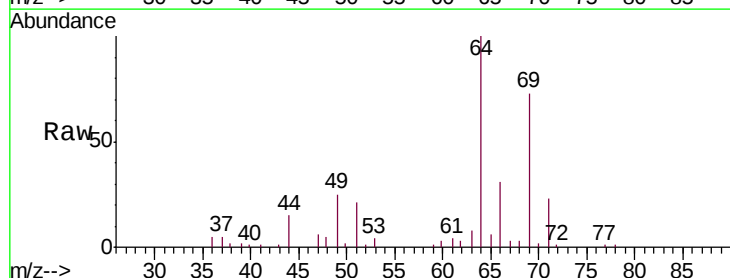
Acq: 08 Aug 2019 17:24

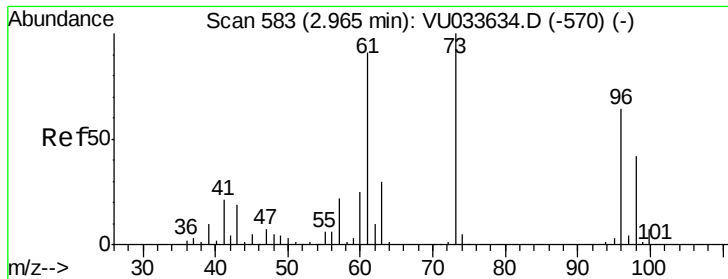
Tgt Ion: 64 Resp: 20753

Ion Ratio Lower Upper

64 100

66 31.5 23.0 42.8

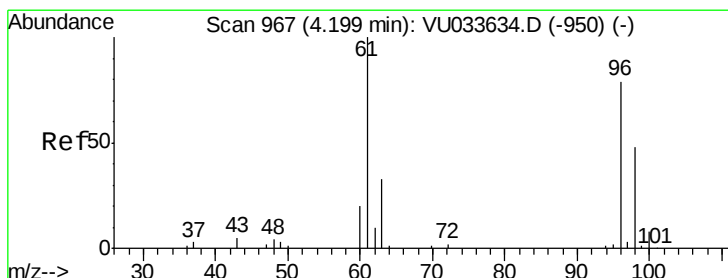
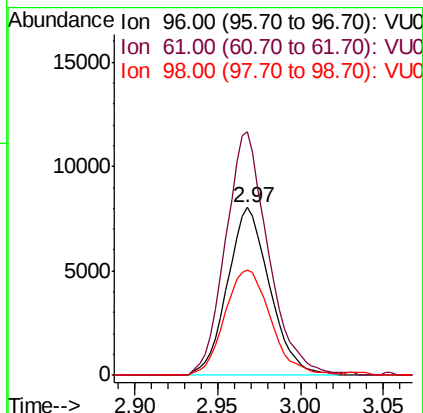
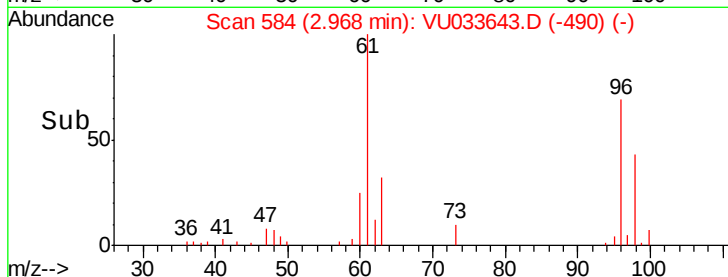
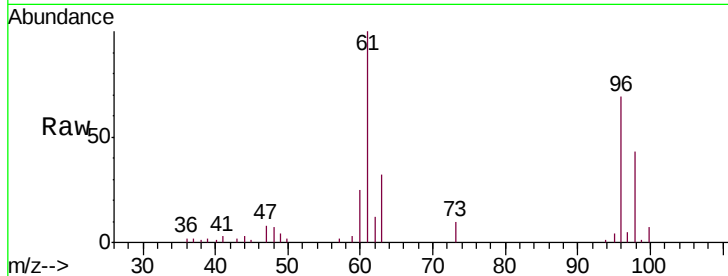




#17
trans-1,2-Dichloroethene
Concen: 6.789 ug/L
RT: 2.97 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

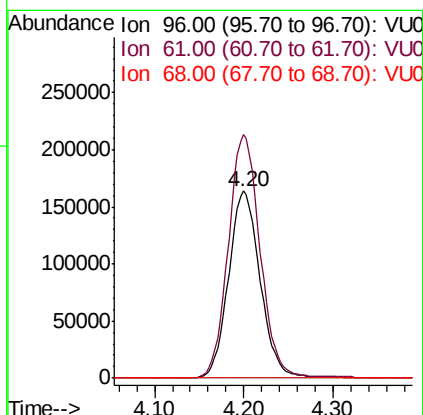
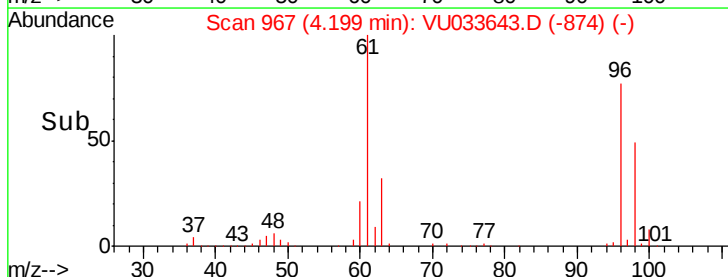
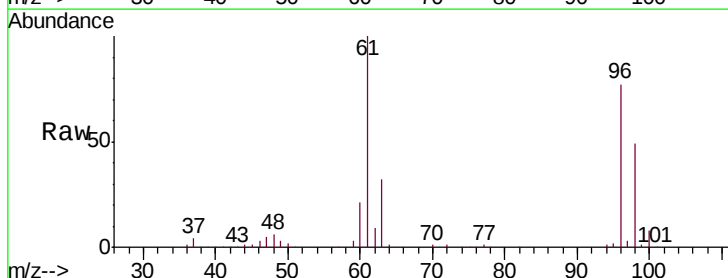
Instrument :
MSVOA_U
ClientSampleId :
F2B01

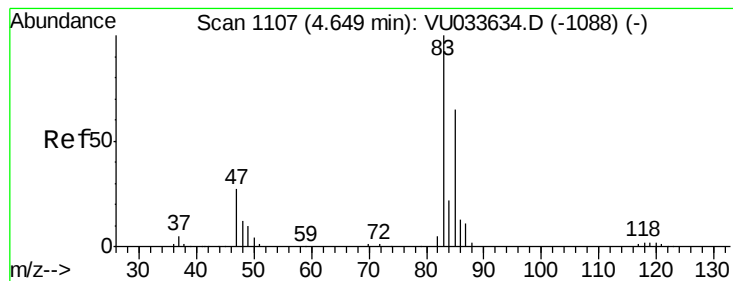
Tgt Ion: 96 Resp: 14274
Ion Ratio Lower Upper
96 100
61 145.4 98.7 183.3
98 62.8 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 169.880 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033643.D
Acq: 08 Aug 2019 17:24

Tgt Ion: 96 Resp: 402216
Ion Ratio Lower Upper
96 100
61 130.4 93.0 172.8
68 0.0 0.0 0.0





#25
 Chloroform
 Concen: 7.378 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU033643.D
 Acq: 08 Aug 2019 17:24

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B01

Tgt Ion: 83 Resp: 31701
 Ion Ratio Lower Upper
 83 100
 85 62.8 47.2 87.6

