

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033724.D
 Acq On : 10 Aug 2019 13:43
 Operator : JC/SP
 Sample : K4289-10DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B30DLRE

Quant Time: Aug 11 04:28:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:24:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	299619	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	295392	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	138972	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	87204	39.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.08%
7) Chloroethane-d5	1.67	69	66422	30.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.10%#
11) 1,1-Dichloroethene-d2	2.26	63	115137	31.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.10%
21) 2-Butanone-d5	4.15	46	93413	68.32	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.32%
24) Chloroform-d	4.62	84	110322	33.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.34%#
26) 1,2-Dichloroethane-d4	5.29	65	68318	33.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.68%#
32) Benzene-d6	5.32	84	237650	34.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.18%#
36) 1,2-Dichloropropane-d6	6.31	67	72653	33.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.92%#
41) Toluene-d8	7.55	98	205860	31.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	7.83	79	30602	28.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.66%#
47) 2-Hexanone-d5	8.29	63	64851	58.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.52%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	99167	31.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.66%#
64) 1,2-Dichlorobenzene-d4	11.84	152	74691	31.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.86%#

Target Compounds

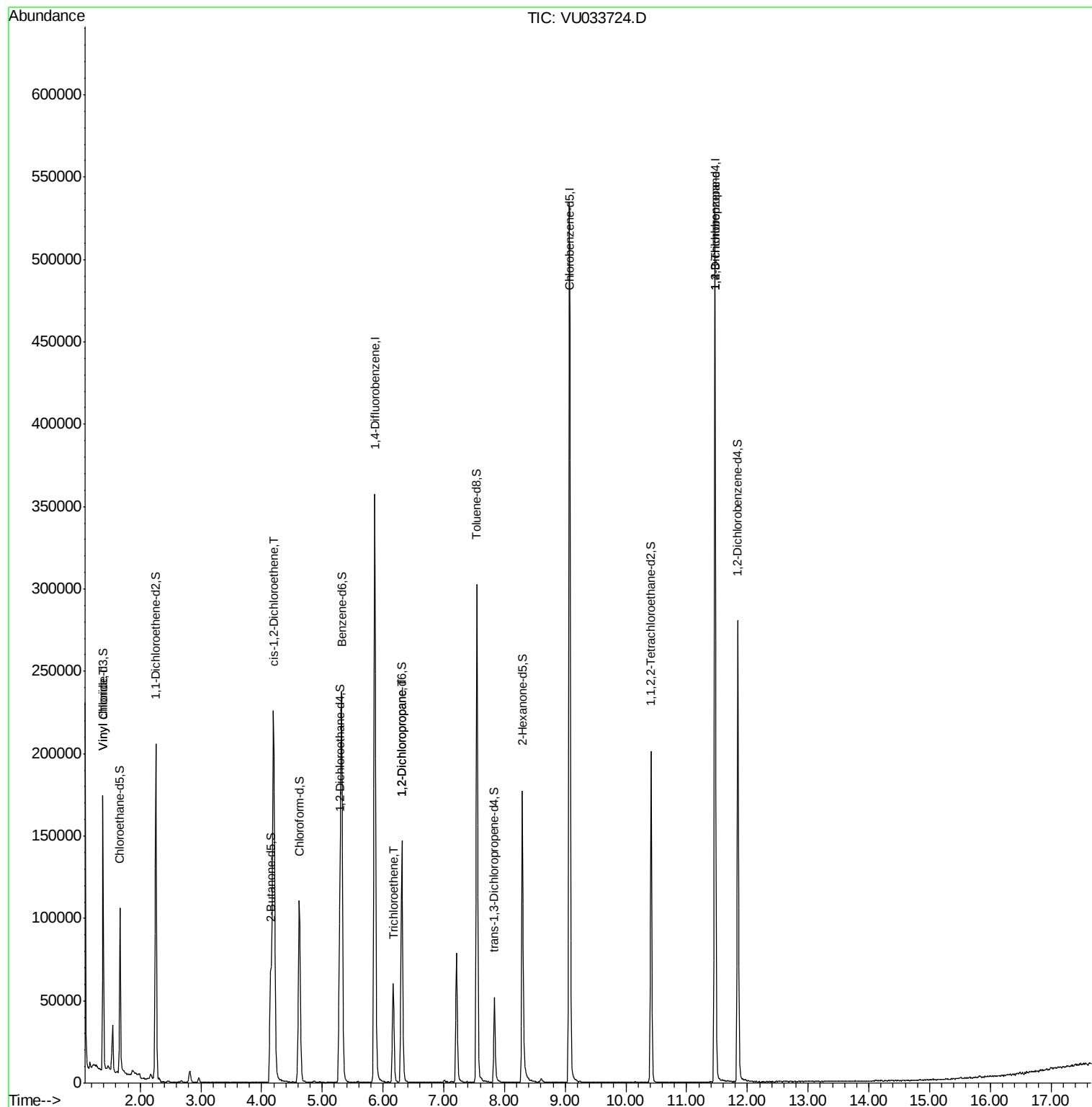
					Qvalue
5) Vinyl chloride	1.39	62	26014	10.314	ug/L 96
20) cis-1,2-Dichloroethene	4.20	96	125032	58.050	ug/L 93
34) Trichloroethene	6.17	95	21229	9.787	ug/L 92
37) 1,2-Dichloropropane	6.31	63	7840	3.574	ug/L # 88
59) 1,2,3-Trichloropropane	11.47	75	16730	5.641	ug/L 95

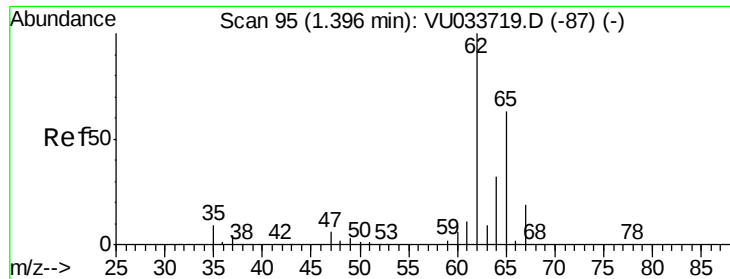
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.314 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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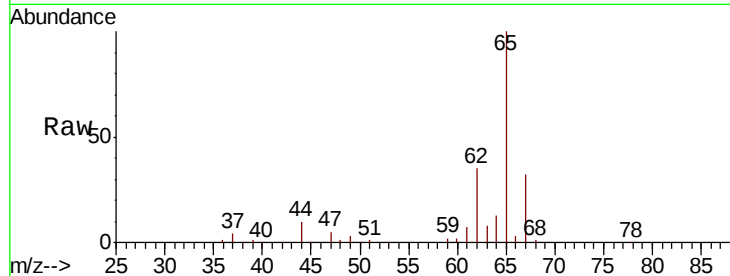
F2B30DLRE

Tgt Ion: 62 Resp: 26014

Ion Ratio Lower Upper

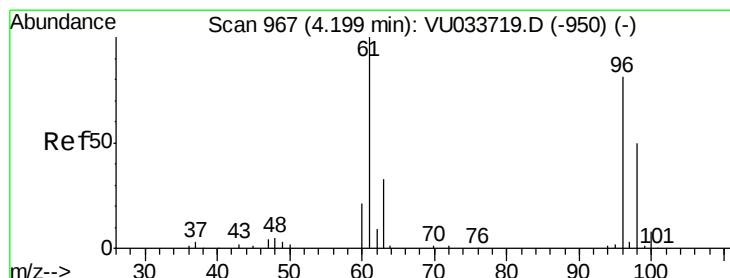
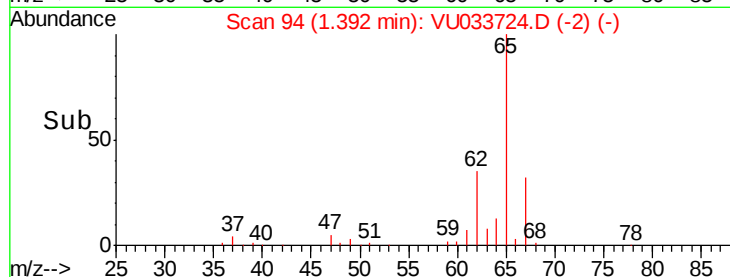
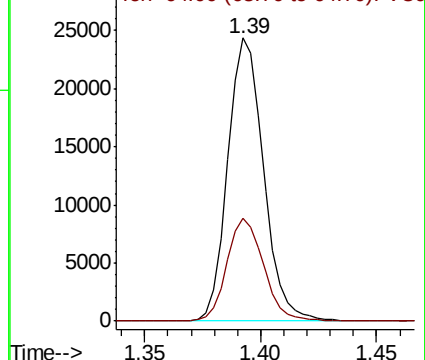
62 100

64 36.3 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 58.050 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

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Acq: 10 Aug 2019 13:43

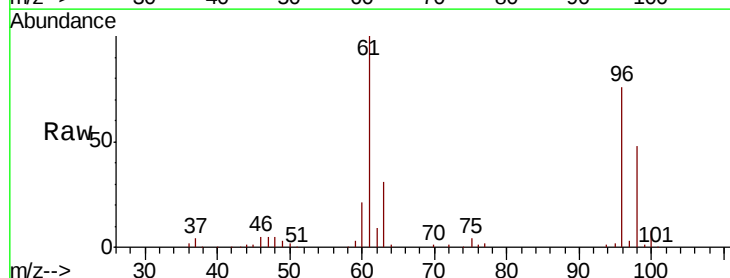
Tgt Ion: 96 Resp: 125032

Ion Ratio Lower Upper

96 100

61 132.2 87.0 161.6

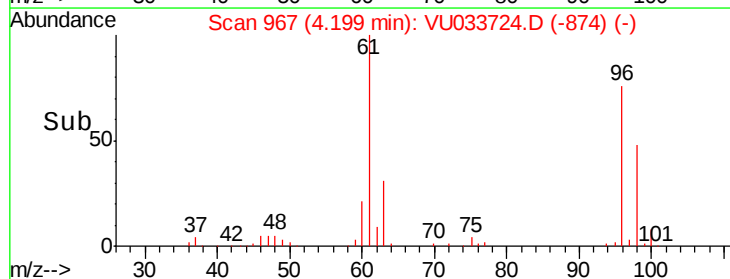
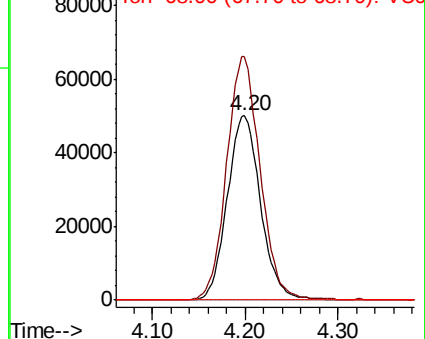
68 0.0 0.0 0.0

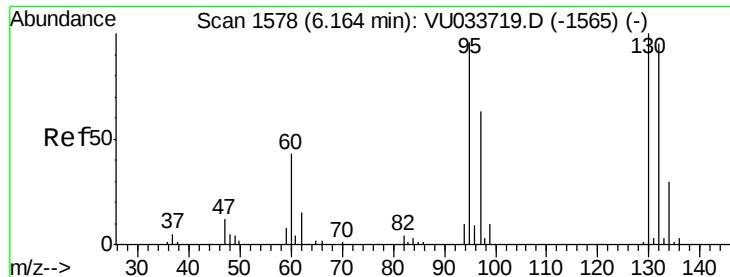


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 9.787 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033724.D

Acq: 10 Aug 2019 13:43

Instrument :

MSVOA_U

ClientSampleId :

F2B30DLRE

Tgt Ion: 95 Resp: 21229

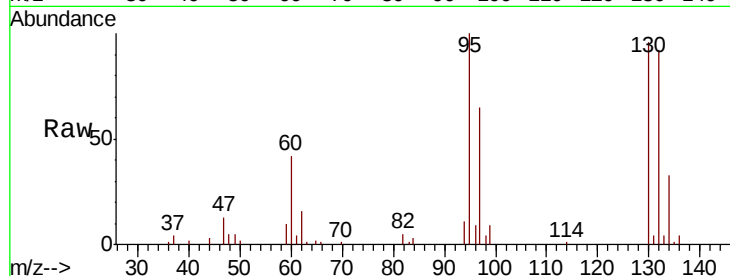
Ion Ratio Lower Upper

95 100

97 65.0 45.6 84.8

132 91.9 72.0 133.8

130 95.8 74.3 138.1

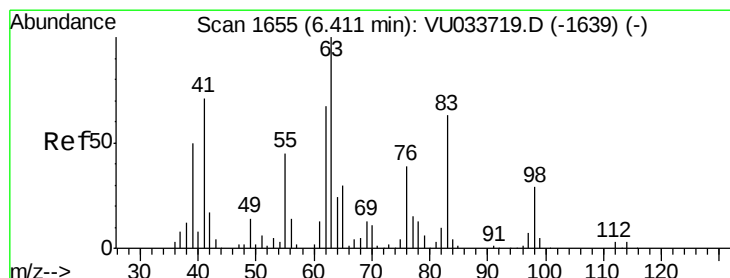
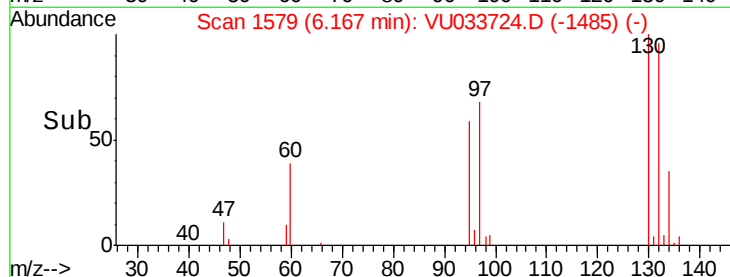
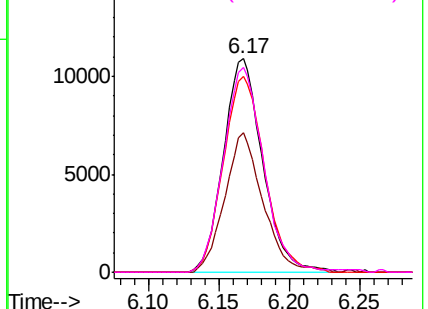


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 3.574 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033724.D

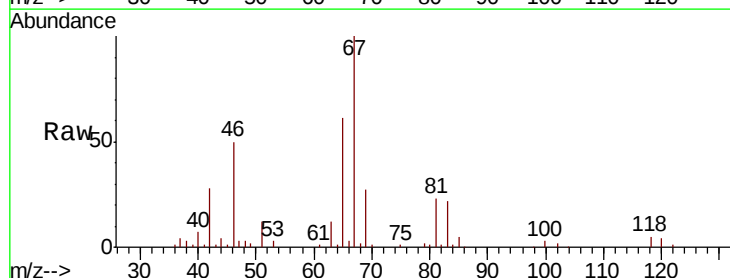
Acq: 10 Aug 2019 13:43

Tgt Ion: 63 Resp: 7840

Ion Ratio Lower Upper

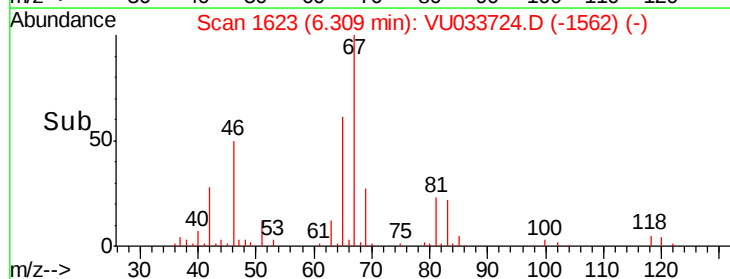
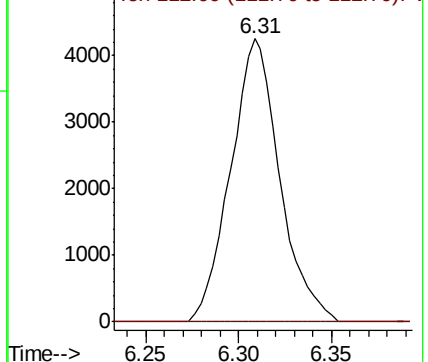
63 100

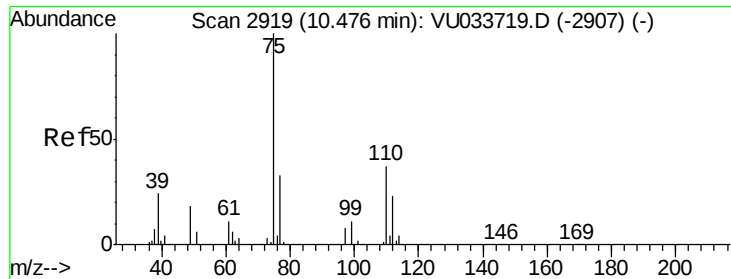
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.641 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033724.D

Acq: 10 Aug 2019 13:43

Instrument :

MSVOA_U

ClientSampleId :

F2B30DLRE

Tgt Ion: 75 Resp: 16730

Ion Ratio Lower Upper

75 100

77 35.8 26.4 39.6

