

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110920\
 Data File : VU041135.D
 Acq On : 09 Nov 2020 13:07
 Operator : SY/MD
 Sample : L4646-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9

Quant Time: Nov 10 01:22:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53598	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56443	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24195	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16249	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.92	69	14755	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.58	63	25770	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.65	46	82209	55.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.88%
24) Chloroform-d	5.08	84	40678	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.72	65	26246	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.74	84	70360	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	25313	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.90	98	57465	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	8.18	79	9428	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	57150	49.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24227	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25424	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

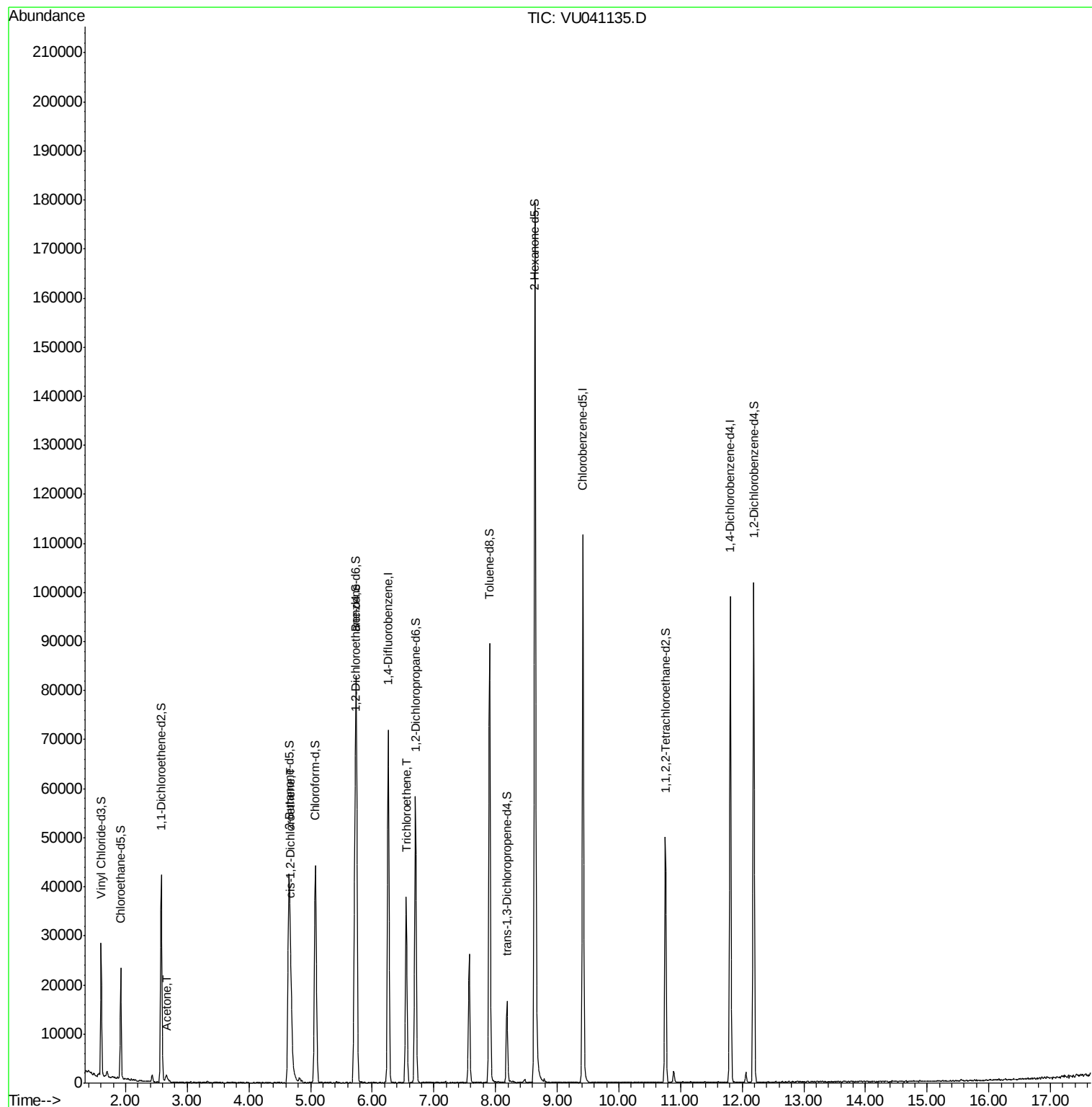
Target Compounds					Ovalue
13) Acetone	2.66	43	2728	2.691 ug/L	80
22) cis-1,2-Dichloroethene	4.68	96	3100	0.781 ug/L	96
34) Trichloroethene	6.55	95	12695	2.958 ug/L	98

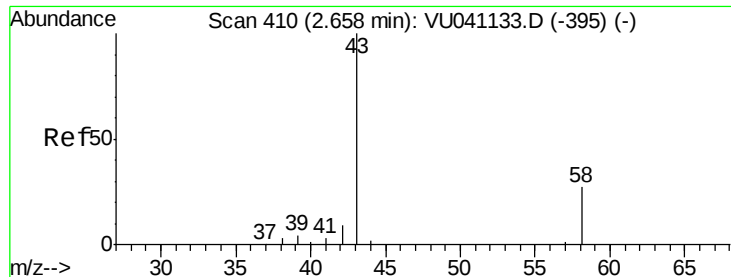
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.691 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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Acq: 09 Nov 2020 13:07

Instrument :

MSVOA_U

ClientSampled :

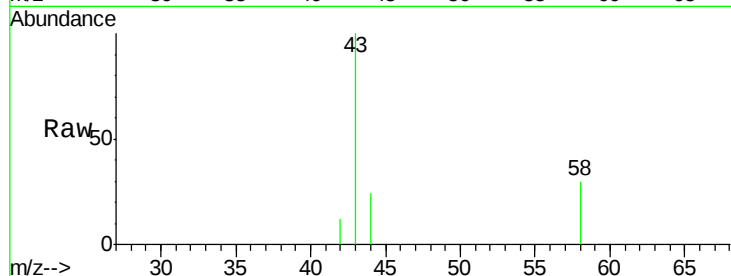
GB0F9

Tot Ion: 43 Resp: 2728

Ion Ratio Lower Upper

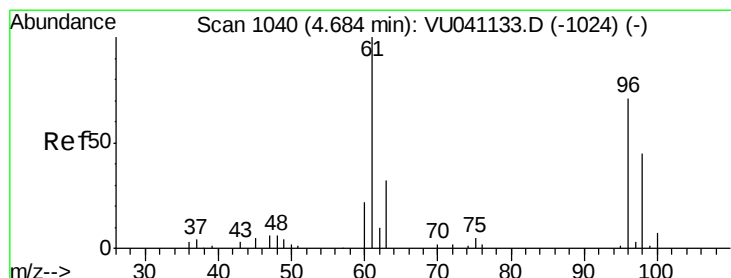
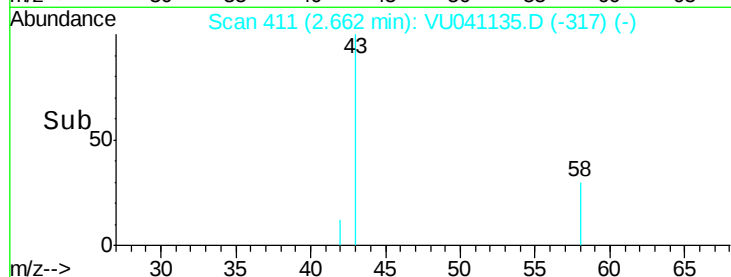
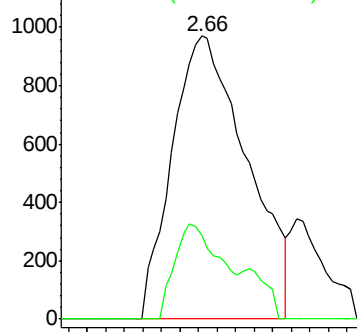
43 100

58 20.6 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.781 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

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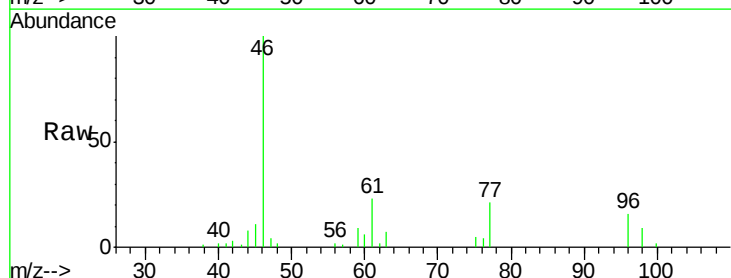
Tgt Ion: 96 Resp: 3100

Ion Ratio Lower Upper

96 100

61 143.6 97.2 180.4

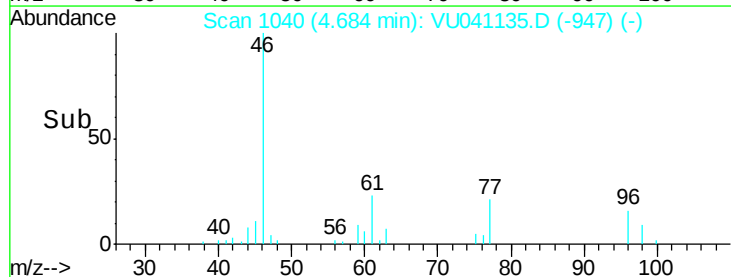
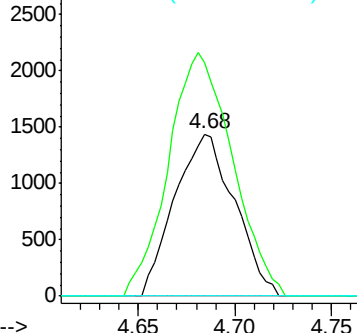
68 0.0 0.0 0.0

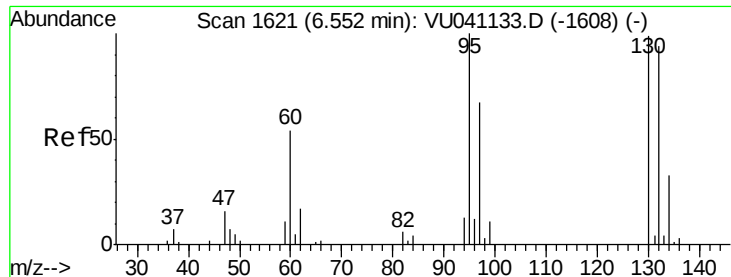


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 2.958 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

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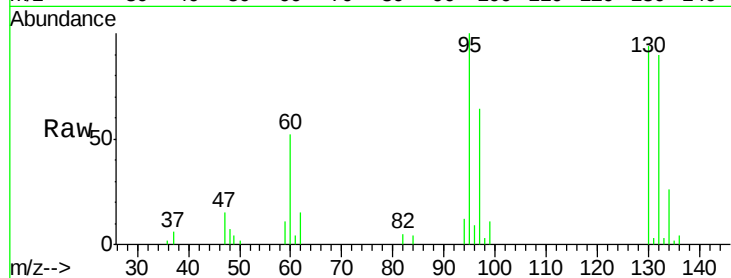
Acq: 09 Nov 2020 13:07

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ClientSampleId :

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Tot Ion: 95 Resp: 12695

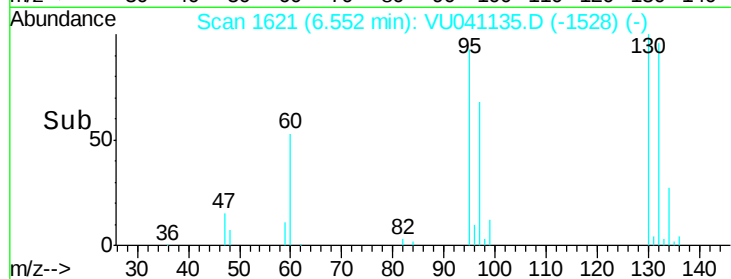
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.6

132 89.9 64.8 120.4

130 93.8 64.8 120.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

