

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041287.D
 Acq On : 17 Nov 2020 17:55
 Operator : SY/MD
 Sample : L4740-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB116

Quant Time: Nov 17 23:53:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	64080	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22438	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.92	69	20366	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	35365	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.66	46	92340	47.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.02%
24) Chloroform-d	5.08	84	49524	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	31635	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.74	84	87879	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	32769	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.91	98	75849	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	12386	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.64	63	64707	45.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.24%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26783	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27422	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

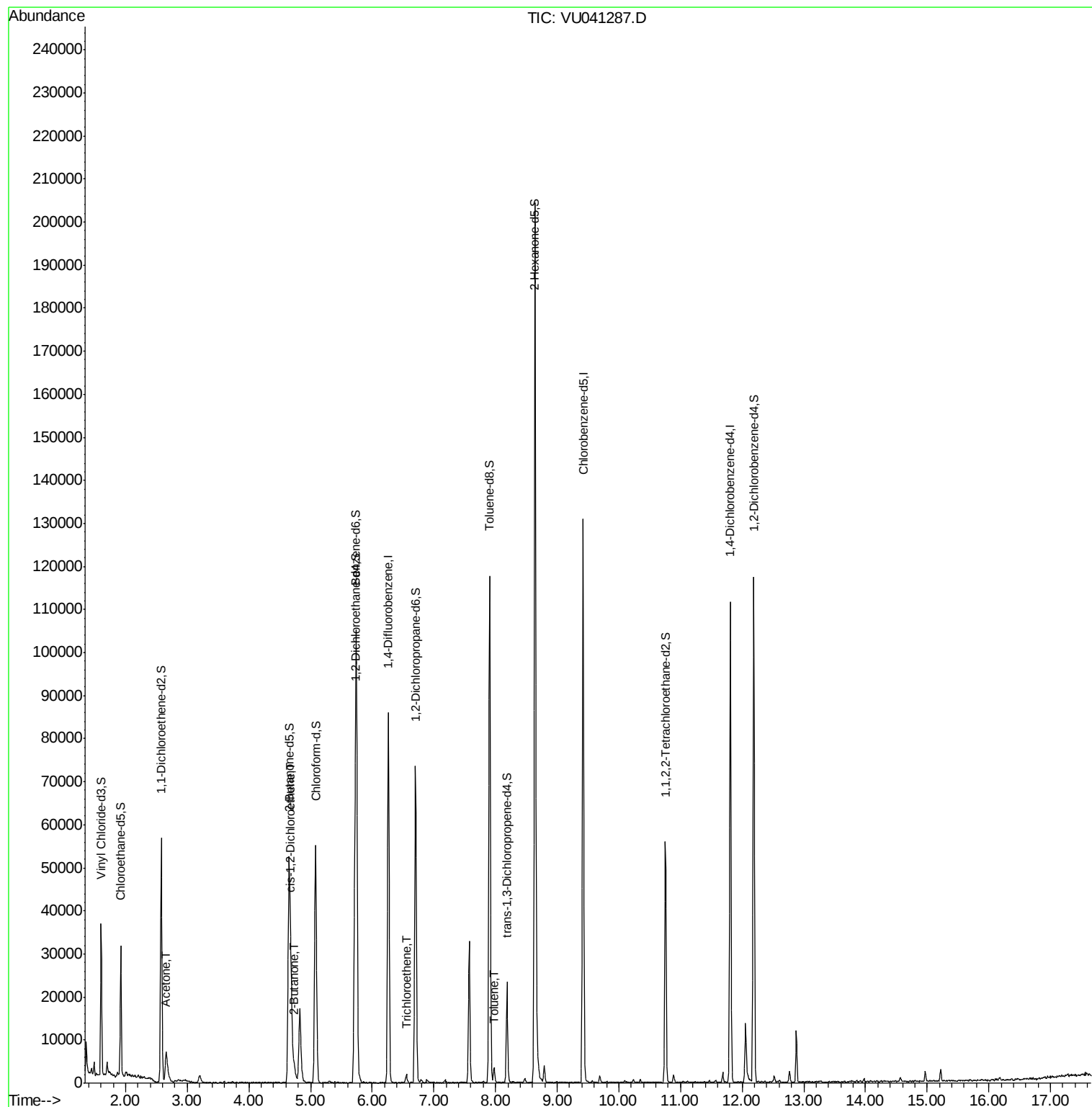
					Ovalue
13) Acetone	2.66	43	13826	10.724	ug/L 82
21) 2-Butanone	4.74	43	4366	2.230	ug/L 88
22) cis-1,2-Dichloroethene	4.69	96	3396	0.740	ug/L 95
34) Trichloroethene	6.56	95	666	0.137	ug/L 93
42) Toluene	7.98	91	2487	0.129	ug/L 85

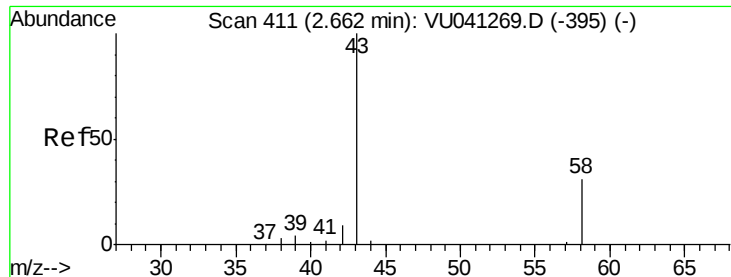
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.724 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041287.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_U

ClientSampled :

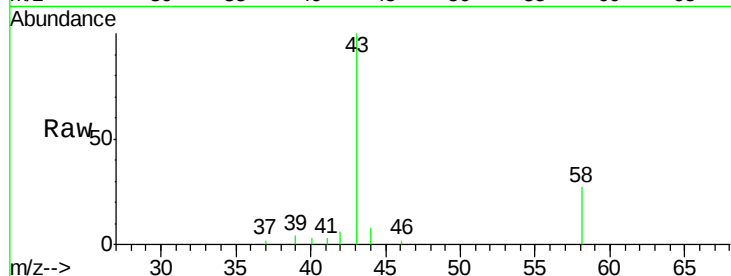
GB116

Tot Ion: 43 Resp: 13826

Ion Ratio Lower Upper

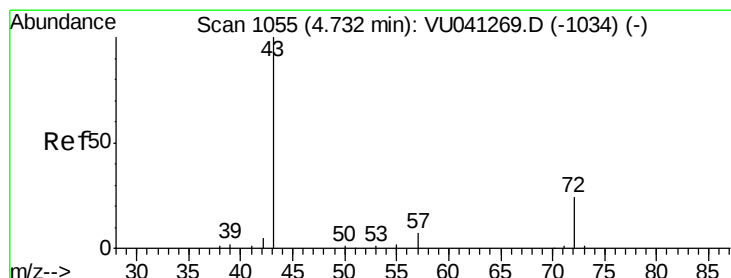
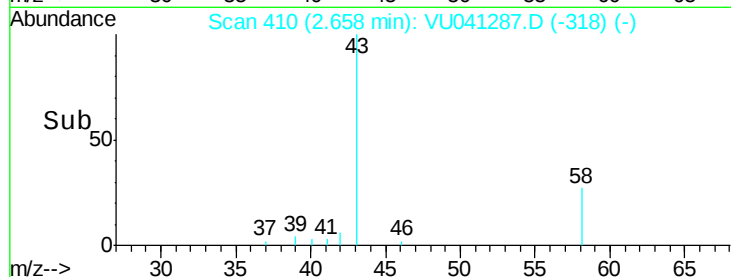
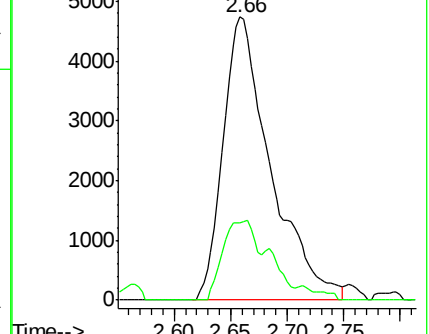
43 100

58 19.9 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#21

2-Butanone

Concen: 2.230 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU041287.D

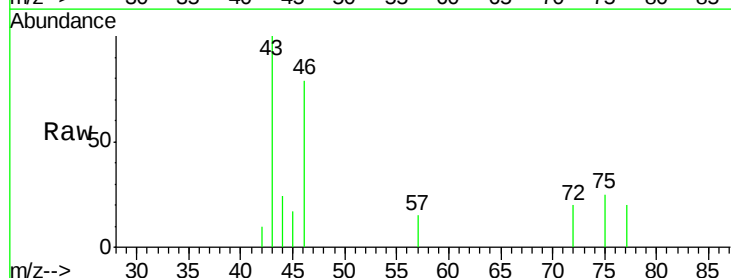
Acq: 17 Nov 2020 17:55

Tgt Ion: 43 Resp: 4366

Ion Ratio Lower Upper

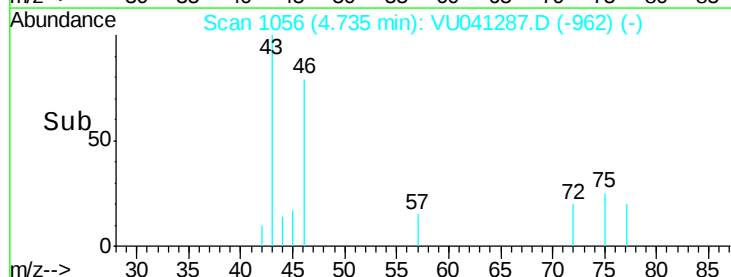
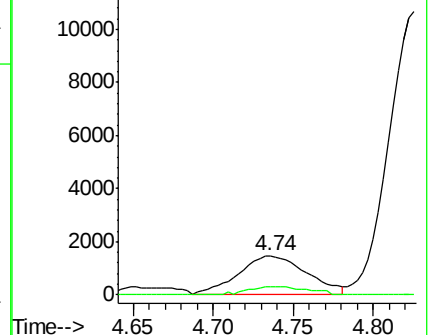
43 100

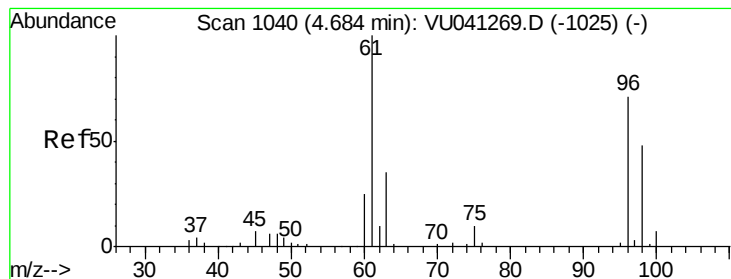
72 17.9 11.8 35.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.740 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041287.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_U

ClientSampled :

GB116

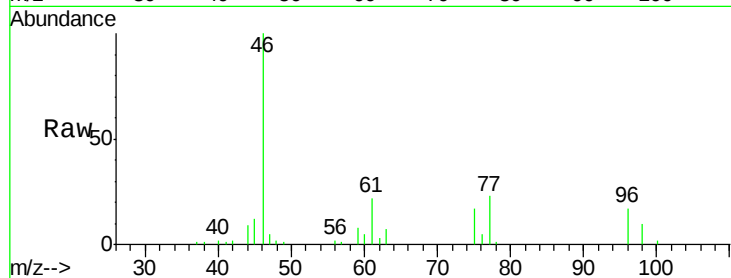
Tot Ion: 96 Resp: 3396

Ion Ratio Lower Upper

96 100

61 133.2 97.2 180.4

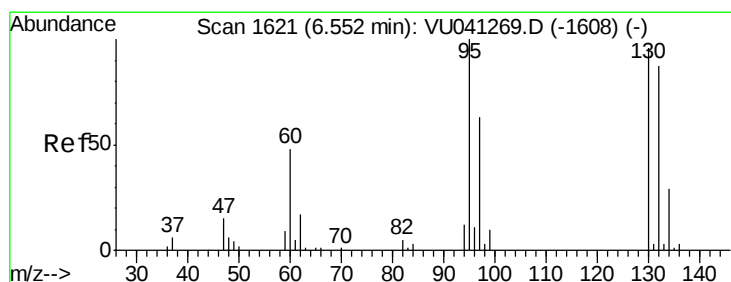
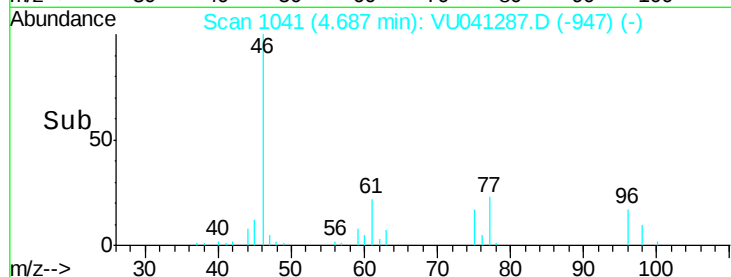
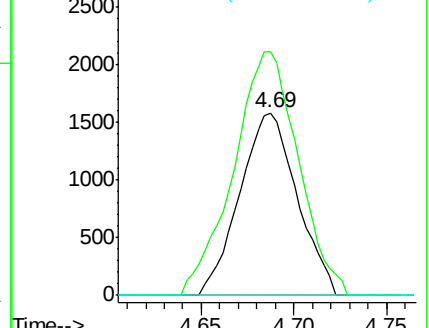
68 0.0 0.0 0.0



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: 0.137 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041287.D

Acq: 17 Nov 2020 17:55

Tgt Ion: 95 Resp: 666

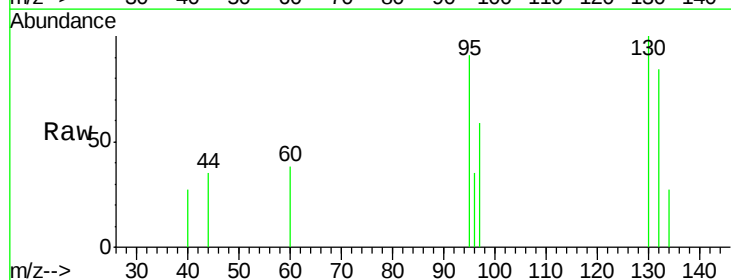
Ion Ratio Lower Upper

95 100

97 65.0 45.6 84.6

132 92.5 64.8 120.4

130 109.7 64.8 120.4

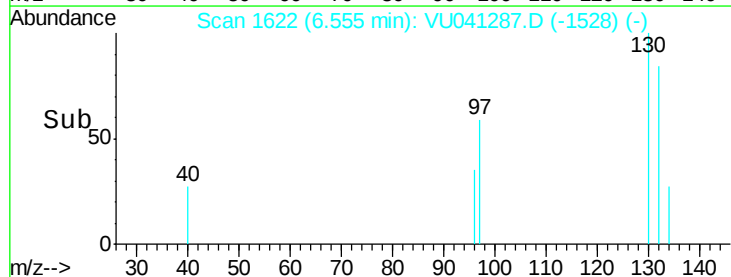
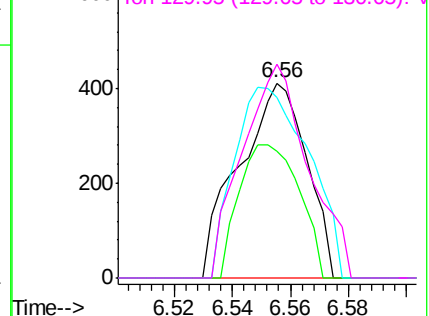


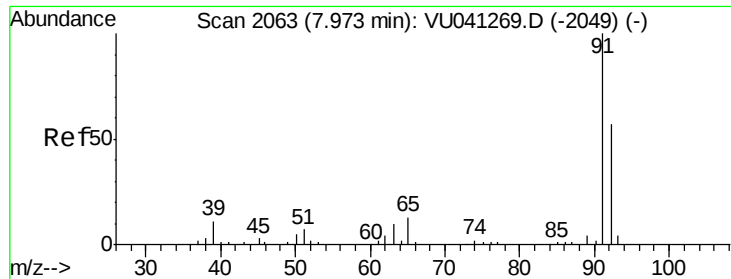
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 0.129 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041287.D

Acq: 17 Nov 2020 17:55

Instrument :

MSVOA_U

ClientSampleId :

GB116

Tot Ion: 91 Resp: 2487

Ion Ratio Lower Upper

91 100

92 68.9 40.6 75.4

