

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111620\
 Data File : VU041262.D
 Acq On : 16 Nov 2020 21:08
 Operator : SY/MD
 Sample : L4740-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB116

Quant Time: Nov 17 10:17:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 16 12:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56428	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52537	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	18621	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.92	69	20287	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.58	63	28985	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.66	46	110134	64.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.70%
24) Chloroform-d	5.08	84	46113	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.72	65	32332	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.74	84	76877	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	28078	5.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.00%
41) Toluene-d8	7.91	98	59873	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.18	79	9406	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.64	63	73648	65.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.28%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26717	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	22247	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

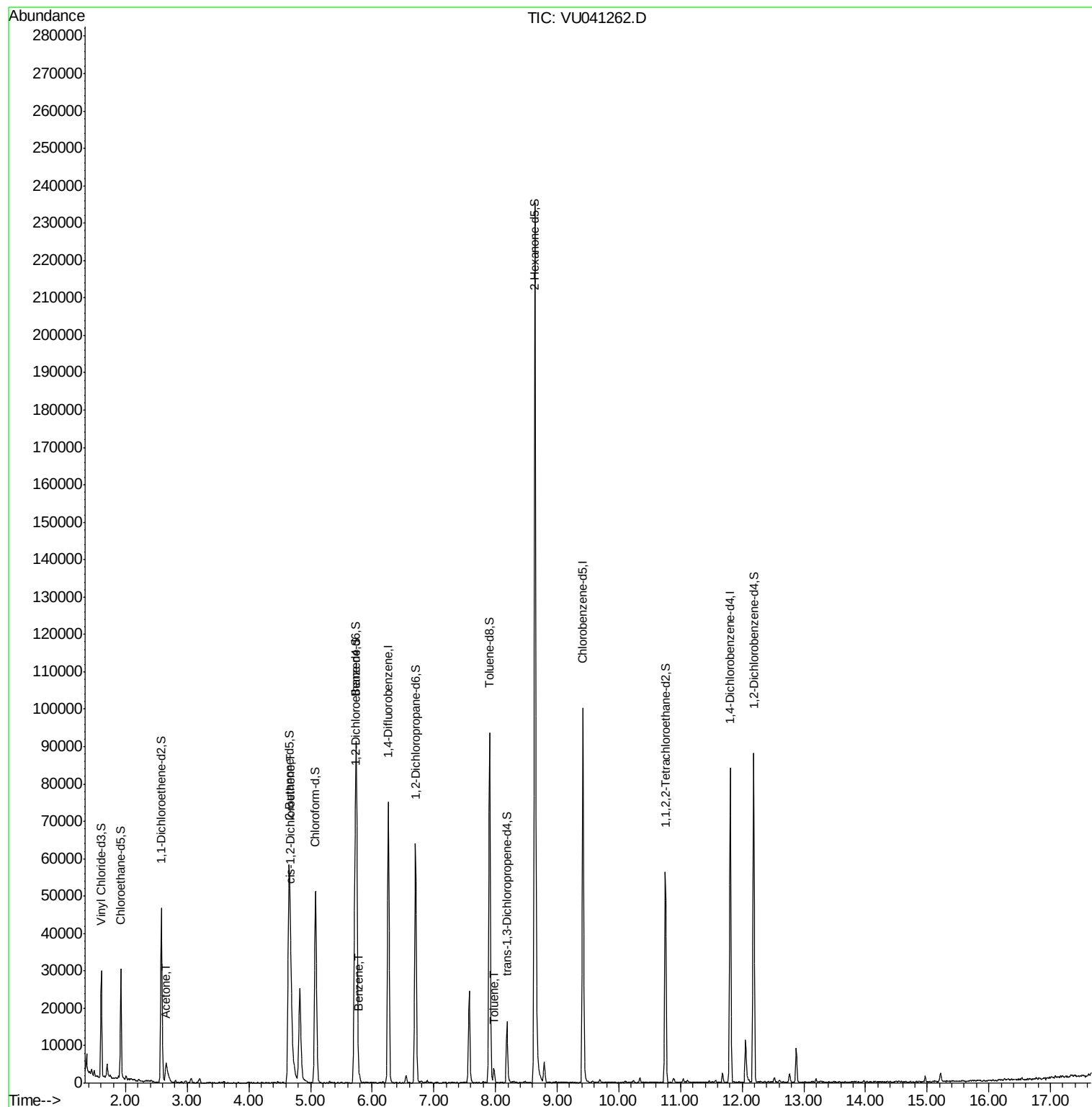
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.66	43	10747	9.466	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	3076	0.761	ug/L	94
33) Benzene	5.78	78	1829	0.128	ug/L	100
42) Toluene	7.98	91	2716	0.179	ug/L	88

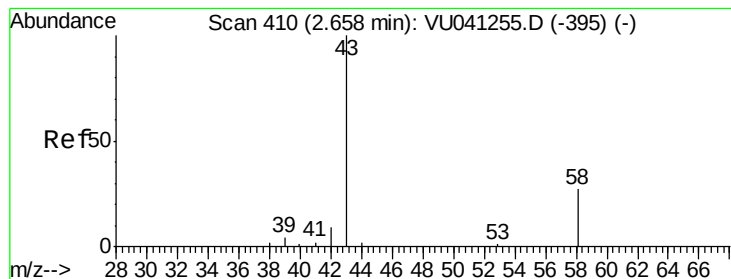
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.466 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

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ClientSampleId :

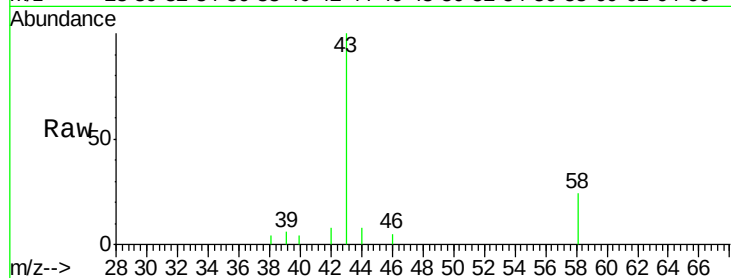
GB116

Tot Ion: 43 Resp: 10747

Ion Ratio Lower Upper

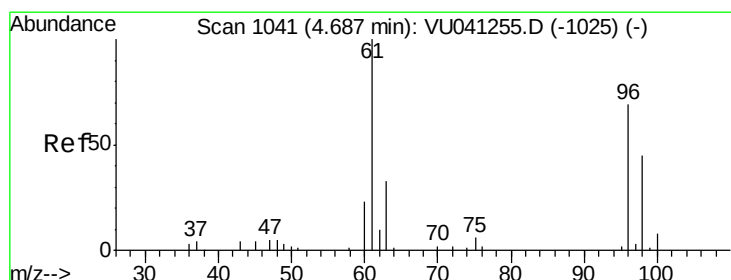
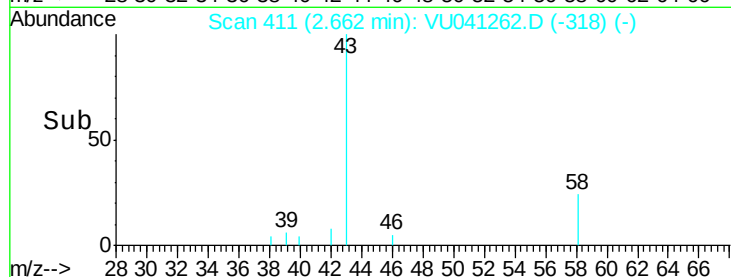
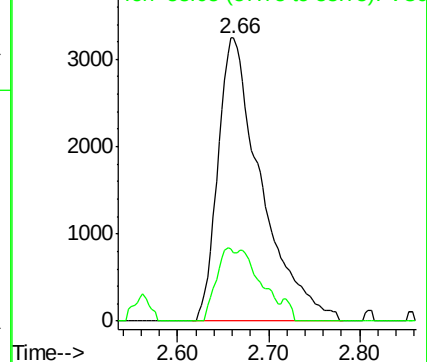
43 100

58 12.0 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: 0.761 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. 0.00 min

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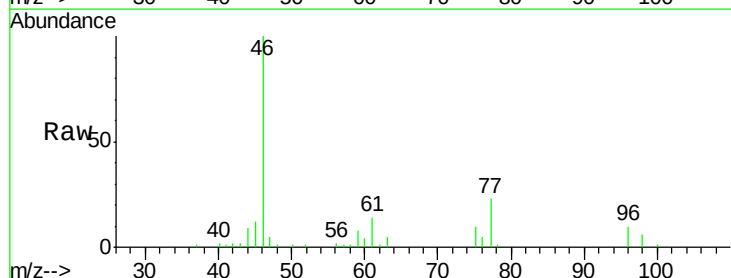
Tgt Ion: 96 Resp: 3076

Ion Ratio Lower Upper

96 100

61 132.0 97.2 180.4

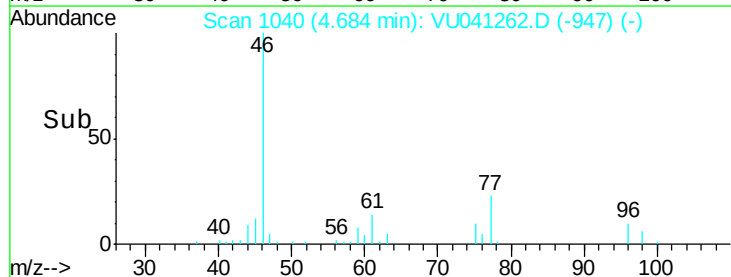
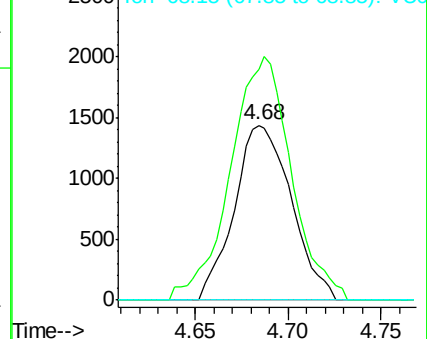
68 0.0 0.0 0.0

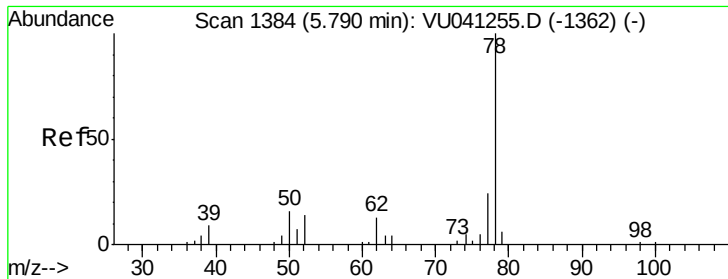


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#33

Benzene

Concen: 0.128 ug/L

RT: 5.78 min Scan# 1382

Delta R.T. -0.01 min

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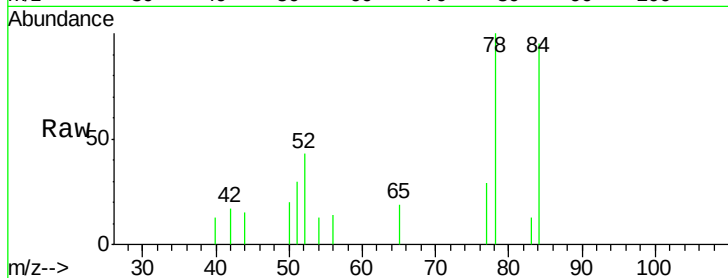
Instrument :

MSVOA_U

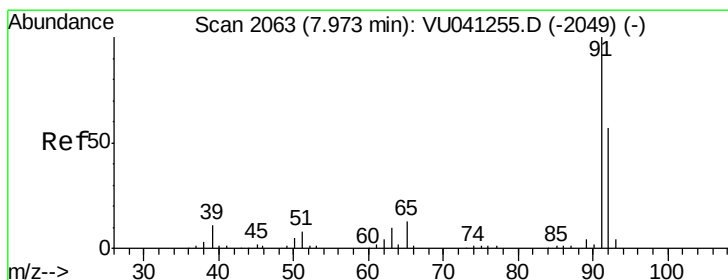
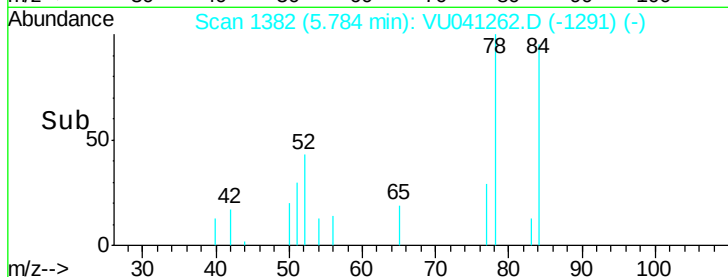
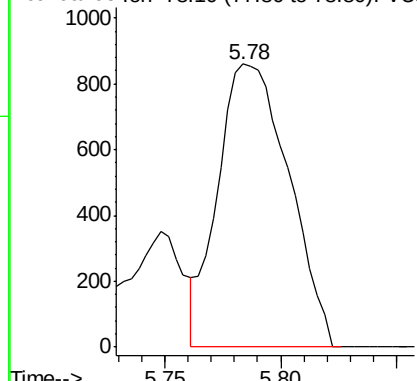
ClientSampleId :

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Tgt Ion: 78 Resp: 1829



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.179 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041262.D

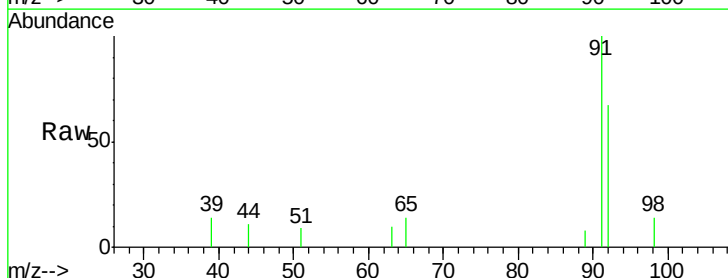
Acq: 16 Nov 2020 21:08

Tgt Ion: 91 Resp: 2716

Ion Ratio Lower Upper

91 100

92 67.3 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

